Proof that there are no odd perfect numbers less than 10^{300}

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In the following, N is an odd perfect number and p a prime.

$p^k \Rightarrow s$ means that $s = \sigma(p^k)$ or $\sigma(p^k)/2$ and $p^k \| N$ implies $s | N$.

B_1 is integer part of $\log_{10}$(lower bound on N) if $p^k \| N$, using LCM and factors of $\sigma(p^k)$ shown.
B_2 is integer part of $\log_{10}(p^{2k})$, so B_2 is a lower bound on $\log_{10}(N)$ if $p^k | N$.
B_3 is integer part of $\log_{10}$(another lower bound on N) if $p^k | N$.
We give only the larger of B_2 and B_3.

B_{25} is the integer part of $\log_{10}(p^{5k/2})$; further checking is required to guarantee that this is a valid lower bound on $\log_{10}(N)$ (see text).
B_{30} is the integer part of $\log_{10}(p^{3k})$; similar remarks apply.

D means $\sigma(p^k)$ has a divisor which has already been considered.

S means $\sigma(N) > 2N$; worst-case relevant factors of N follow.

c_d means a composite number of d decimal digits.
n means a number (prime or composite) used in bound only via LCM.
p_d means a prime of d decimal digits, equal to 1 mod 4, defined by division or the same as on the previous line.
P_d means a prime of d decimal digits, equal to 3 mod 4.
q^m means the same prime as at the beginning of the line to power m.
... means a number which is irrelevant to the proof.

Factors given explicitly are prime.

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1: $127^2 \Rightarrow 3 \cdot 5419,\ B_1 = 12$
2: $5419^2 \Rightarrow 3 \cdot 31 \cdot 313 \cdot 1009,\ B_1 = 23$
3: $1009^1 \Rightarrow 5 \cdot 101,\ B_1 = 29$
4: $101^2 \Rightarrow 10303,\ B_1 = 37$
5: $10303^2 \Rightarrow 3 \cdot 5827 \cdot 6073,\ B_1 = 53$
6: $6073^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^2$
7: $6073^4 \Rightarrow 61 \cdot 1909811 \cdot 11677891,\ B_1 = 90$
8: $11677891^2 \Rightarrow 3 \cdot 31 \cdot 73 \cdot 97 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 31^2 \cdot 61^2 \cdot 73^2 \cdot 97^2 \cdot 101^2$
9: $11677891^4 \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 11^2$
10: $11677891^6 \Rightarrow 7 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^2$
11: $11677891^{10} \Rightarrow 23 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 23^2 \cdot 31^2$
12: $11677891^{12} \Rightarrow 4993 \cdot 6177107 \cdot 83425908744803 \cdot p_{61},\ B_1 = 331$
13: $11677891^{16} \Rightarrow n,\ B_1 = 302$
14: $11677891^{18} \Rightarrow n,\ B_1 = 331;\ \ q^{22},\ B_2 = 310$
16: $6073^6 \Rightarrow 239 \cdot 2591 \cdot P_{17},\ B_1 = 113$
17: $P_{17}^2 \Rightarrow 3 \cdot 5281 \cdot P_{30},\ B_1 = 180$
18: $P_{30}^2 \Rightarrow 3 \cdot 6271 \cdot 5522436119259342457 \cdot p_{37},\ B_1 = 298$
19: $p_{37}^2 \Rightarrow 3 \cdot 31 \cdot 379 \cdot n,\ B_1 = 371;\ \ q^4,\ B_3 = 371$
21: $P_{30}^4 \Rightarrow 11 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 11^2$
22: $P_{30}^6,\ B_2 = 355$
23: $P_{17}^4 \Rightarrow 281 \cdot 293778271 \cdot 244612604220115020391 \cdot p_{37},\ B_1 = 282$
24: $p_{37}^2 \Rightarrow 3 \cdot n,\ B_1 = 354;\ \ q^4,\ B_3 = 355$
26: $P_{17}^6 \Rightarrow 7 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^2$
27: $P_{17}^{10},\ B_2 = 338$
28: $6073^{10} \Rightarrow 11 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 11^2$
29: $6073^{12} \Rightarrow 280099 \cdot 1910331582415162583 \cdot p_{22},\ B_1 = 181$
30: $p_{22}^2 \Rightarrow 1213216567 \cdot 4228974751 \cdot 418227152719 \cdot p_{14},\ B_1 = 268$
31: $p_{14}^2 \Rightarrow 3 \cdot 13^2 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 13^2$
32: $p_{14}^4 \Rightarrow 5 \cdot 101 \cdot n,\ B_1 = 343;\ \ q^6,\ B_3 = 320$
34: $p_{22}^4 \Rightarrow n,\ B_1 = 311$
35: $p_{22}^6 \Rightarrow 43 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 31^2 \cdot 43^2 \cdot 101^2 \cdot 127^2 \cdot 313^2$
36: $p_{22}^{10},\ B_2 = 433$
37: $6073^{16} \Rightarrow 1711153 \cdot 80408084080272840349 \cdot p_{35},\ B_1 = 227$
38: $p_{35}^2 \Rightarrow 13 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 13^2$
39: $p_{35}^4 \Rightarrow 31 \cdot n,\ B_1 = 432;\ \ q^6,\ B_2 = 412$
41: $6073^{18} \Rightarrow 44189000659296822250746040969 \cdot P_{41},\ B_1 = 249$
42: $P_{41}^2 \Rightarrow n,\ B_1 = 330;\ \ q^4,\ B_3 = 330$
44: $6073^{22} \Rightarrow 23 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 23^2 \cdot 31^2$
45: $6073^{28} \Rightarrow 284897 \cdot 3622159 \cdot 16033811 \cdot 210619229 \cdot$
$617490911 \cdot 10471263895093 \cdot n,\ B_1 = 306$
46: $6073^{30} \Rightarrow 40487 \cdot c_{109},\ B_1 = 277$
47: $40487^2 \Rightarrow 619 \cdot 1423 \cdot 1861,\ B_1 = 295$
48: $1861^2 \Rightarrow 3 \cdot n,\ B_1 = 301;\ \ q^4,\ B_3 = 302$
50: $40487^4 \Rightarrow 101 \cdot 151 \cdot n,\ B_1 = 304$
51: $40487^6 \Rightarrow 547 \cdot n,\ B_1 = 325;\ \ q^{10},\ B_3 = 313$
53: $6073^{36} \Rightarrow n,\ B_1 = 317;\ \ q^{40},\ B_2 = 302$
55: $10303^4 \Rightarrow 30241 \cdot 372649725281,\ B_1 = 77$
56: $372649725281^2 \Rightarrow 457 \cdot 631964743 \cdot 480831112093,\ B_1 = 123$
57: $480831112093^2 \Rightarrow 3 \cdot 13812131371 \cdot P_{13},\ B_1 = 170$
58: $P_{13}^2 \Rightarrow 3 \cdot 409 \cdot 25189 \cdot P_{19},\ B_1 = 220$
59: $P_{19}^2 \Rightarrow 3 \cdot P_{36},\ B_1 = 292$
60: $P_{36}^2 \Rightarrow 3 \cdot 523 \cdot n,\ B_1 = 365;\ \ q^4,\ B_3 = 363$
62: $P_{19}^4 \Rightarrow 5 \cdot 11^2 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 11^2$
63: $P_{19}^6 \Rightarrow 7 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^2$

64: $P_{19}^{10},\ B_3 = 364$

65: $P_{13}^{4} \Rightarrow 5 \cdot 71 \cdot 251 \cdot p_{47},\ B_1 = 296$

66: $p_{47}^{2} \Rightarrow 3 \cdot 61 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 31^2 \cdot 61^2 \cdot 71^2 \cdot 101^2 \cdot 127^2$

67: $p_{47}^{4},\ B_3 = 388$

68: $P_{13}^{6} \Rightarrow 13065473 \cdot p_{70},\ B_1 = 374$

69: $P_{13}^{10} \Rightarrow 23 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 23^2 \cdot 31^2$

70: $P_{13}^{12},\ B_2 = 305$

71: $480831112093^{4} \Rightarrow 31 \cdot 613661 \cdot P_{40},\ B_1 = 237$

72: $P_{40}^{2} \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^2$

73: $P_{40}^{4},\ B_3 = 316$

74: $480831112093^{6} \Rightarrow 23940085664208799 \cdot p_{54},\ B_1 = 310$

75: $480831112093^{10} \Rightarrow 23 \cdot 89 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 23^2 \cdot 31^2 \cdot 89^2 \cdot 101^2 \cdot 127^2 \cdot 313^2 \cdot 457^2$

76: $480831112093^{12} \Rightarrow 53 \cdot n,\ B_1 = 382;\ \ q^{16},\ B_2 = 373$

78: $372649725281^{4} \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$

79: $372649725281^{6} \Rightarrow 7 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

80: $372649725281^{10} \Rightarrow 67 \cdot 275396204381 \cdot 7514092459996206613 \cdot n,\ B_1 = 317$

81: $372649725281^{12} \Rightarrow 131 \cdot n,\ B_1 = 333;\ \ q^{16},\ B_2 = 370$

83: $10303^{6} \Rightarrow 127 \cdot 2087122493 \cdot P_{13},\ B_1 = 97$

84: $P_{13}^{2} \Rightarrow 19^2 \cdot 1033 \cdot 7581127 \cdot P_{13},\ B_1 = 145$

85: $P_{13}^{2} \Rightarrow 3 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 19^2 \cdot 31^2$

86: $P_{13}^{4} \Rightarrow 11 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 19^2$

87: $P_{13}^{6} \Rightarrow 113 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 19^2 \cdot 31^2 \cdot 101^2 \cdot 113^2 \cdot 127^2$

88: $P_{13}^{10} \Rightarrow 23 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 19^2 \cdot 23^2 \cdot 31^2$

89: $P_{13}^{12},\ B_2 = 308$

90: $P_{13}^{4} \Rightarrow 11 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$

91: $P_{13}^{6} \Rightarrow 7 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

92: $P_{13}^{10} \Rightarrow n,\ B_1 = 324;\ \ q^{12},\ B_2 = 303$

94: $10303^{10} \Rightarrow 1738389269 \cdot p_{31},\ B_1 = 149$

95: $p_{31}^{2} \Rightarrow 3 \cdot 271 \cdot 115906873 \cdot 1247886363799 \cdot p_{39},\ B_1 = 272$

96: $p_{39}^{2} \Rightarrow 3 \cdot 13 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 13^2$

97: $p_{39}^{4},\ B_3 = 350$

98: $p_{31}^{4} \Rightarrow 31 \cdot n,\ B_1 = 333;\ \ q^{6},\ B_2 = 370$

100: $10303^{12} \Rightarrow p_{49},\ B_1 = 173$

101: $p_{49}^{2} \Rightarrow 3 \cdot 271 \cdot 46251775018535833 \cdot P_{77},\ B_1 = 366;\ \ q^{4},\ B_2 = 385$

103: $10303^{16} \Rightarrow 17 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 17^2 \cdot 31^2 \cdot 101^2 \cdot 127^2$

104: $10303^{18} \Rightarrow 191 \cdot 761 \cdot 539981372568419333675989 \cdot P_{44},\ B_1 = 245$

105: $P_{44}^{2} \Rightarrow 3 \cdot 43 \cdot 103 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 31^2 \cdot 43^2 \cdot 101^2 \cdot 103^2 \cdot 127^2$

106: $P_{44}^{4},\ B_2 = 346$

107: $10303^{22} \Rightarrow 39981447907 \cdot 384761367853 \cdot 1312187388203 \cdot p_{54},\ B_1 = 293$

108: $p_{54}^{2} \Rightarrow 3 \cdot n,\ B_1 = 402;\ \ q^{4},\ B_2 = 431$

110: $10303^{28} \Rightarrow 233 \cdot c_{110},\ B_1 = 256$

111: $233^{2} \Rightarrow 7 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

112: $233^{4} \Rightarrow 31 \cdot 95483851,\ B_1 = 276$

113: $95483851^{2} \Rightarrow 3 \cdot P_{16},\ B_1 = 308$

114: $95483851^{4} \Rightarrow 5 \cdot 691 \cdot n,\ B_1 = 326;\ \ q^{6},\ B_3 = 308$

116: $233^{6} \Rightarrow 71 \cdot 197 \cdot 11488911589,\ B_1 = 293$

117: $11488911589^{2} \Rightarrow 3 \cdot 151 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 31^2 \cdot 71^2 \cdot 101^2 \cdot 127^2 \cdot 151^2 \cdot 197^2 \cdot 233^6$

118: $11488911589^{4},\ B_3 = 314$

119: $233^{10} \Rightarrow 23 \cdot n,\ B_1 = 300$

120: $233^{12} \Rightarrow n,\ B_1 = 308$

121: $233^{16} \Rightarrow n,\ B_1 = 327$

122: $233^{18} \Rightarrow 761 \cdot n,\ B_1 = 339;\ \ q^{22},\ B_3 = 303$

124: $10303^{30} \Rightarrow 321692333 \cdot 660494812754773 \cdot c_{98},\ B_1 = 293$

125: $p_{15}^{2} \Rightarrow 3 \cdot 13 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 13^2$

$p_{15}^4,\ B_3 = 322$

$10303^{36} \Rightarrow n,\ B_1 = 317;\ \ q^{40},\ B_2 = 321$

$101^4 \Rightarrow 5 \cdot 31 \cdot 491 \cdot 1381,\ B_1 = 44$

$1381^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^2$

$1381^4 \Rightarrow 5 \cdot 811 \cdot 1091 \cdot 822761,\ B_1 = 76$

$822761^2 \Rightarrow 7 \ldots,\ S\ \ 3^2 \cdot 5^4 \cdot 7^2$

$822761^4 \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^2 \cdot 5^4 \cdot 11^2 \cdot 31^2$

$822761^6 \Rightarrow 87332057 \cdot 231473537 \cdot P_{20},\ B_1 = 170$

$P_{20}^2 \Rightarrow 3 \cdot 3643 \cdot 8950813 \cdot p_{28},\ B_1 = 247$

$p_{28}^2 \Rightarrow 3 \cdot 307 \cdot n,\ B_1 = 304;\ \ q^4,\ B_3 = 302$

$P_{20}^4 \Rightarrow 11 \ldots,\ S\ \ 3^2 \cdot 5^4 \cdot 11^2 \cdot 31^2$

$P_{20}^6 \Rightarrow 7 \ldots,\ S\ \ 3^2 \cdot 5^4 \cdot 7^2$

$P_{20}^{10},\ B_2 = 383$

$822761^{10} \Rightarrow 89 \cdot 9109 \cdot 935381459 \cdot 8220395169926414764 09 \cdot p_{24},\ B_1 = 241$

$p_{24}^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^4 \cdot 5^4 \cdot 7^2$

$p_{24}^4 \Rightarrow 5 \cdot n,\ B_1 = 381;\ \ q^6,\ B_3 = 335$

$822761^{12} \Rightarrow 53 \cdot 911 \cdot 11577523199118449 \cdot 6036162971904026729 \cdot P_{32},\ B_1 = 277$

$P_{32}^2 \Rightarrow 3 \ldots,\ S\ \ 3^4 \cdot 5^4 \cdot 31^2 \cdot 53^2 \cdot 101^4 \cdot 127^2$

$P_{32}^4,\ B_3 = 340$

$822761^{16} \Rightarrow 103 \cdot 409 \cdot P_{91},\ B_1 = 348$

$822761^{18} \Rightarrow 356185057397834170594 57 \cdot P_{84},\ B_1 = 383$

$822761^{22} \Rightarrow n,\ B_1 = 324;\ \ q^{28},\ B_2 = 331$

$1381^6 \Rightarrow 71 \cdot 2087 \cdot P_{14},\ B_1 = 94$

$P_{14}^2 \Rightarrow 3 \cdot 13 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 13^2$

$P_{14}^4 \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^2 \cdot 5^4 \cdot 11^2 \cdot 31^2$

$P_{14}^6 \Rightarrow 7 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

$P_{14}^{10} \Rightarrow 23 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 23^2 \cdot 31^2 \cdot 71^2 \cdot 101^4 \cdot 127^2 \cdot 313^2$

$P_{14}^{12},\ B_2 = 328$

$1381^{10} \Rightarrow 9749851 \cdot 31560079 \cdot P_{17},\ B_1 = 132$

$P_{17}^2 \Rightarrow 73 \cdot 10369 \cdot p_{28},\ B_1 = 200$

$p_{28}^2 \Rightarrow 3 \cdot 7^2 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^2$

$p_{28}^4 \Rightarrow 11 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$

$p_{28}^6,\ B_2 = 335$

$P_{17}^4 \Rightarrow 61 \cdot 151 \cdot 2971 \cdot 14867771 \cdot P_{54},\ B_1 = 301$

$P_{17}^6 \Rightarrow n,\ B_1 = 301;\ \ q^{10},\ B_2 = 338$

$1381^{12} \Rightarrow 79 \cdot P_{36},\ B_1 = 151$

$P_{36}^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^2$

$P_{36}^4 \Rightarrow 11 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$

$P_{36}^6,\ B_2 = 429$

$1381^{16} \Rightarrow 3254820341 \cdot 922801747819487909 \cdot p_{23},\ B_1 = 189$

$p_{23}^2 \Rightarrow 7 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

$p_{23}^4 \Rightarrow n,\ B_1 = 325$

$p_{23}^6 \Rightarrow 43 \cdot 547 \cdot n,\ B_1 = 421;\ \ q^{10},\ B_2 = 455$

$1381^{18} \Rightarrow 52289 \cdot P_{52},\ B_1 = 207$

$P_{52}^2 \Rightarrow 13 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 31^2$

$P_{52}^4,\ B_2 = 414$

$1381^{22} \Rightarrow 23 \cdot 47 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 23^2 \cdot 31^2 \cdot 47^2 \cdot 101^4 \cdot 127^2$

$1381^{28} \Rightarrow 6580086296863 \cdot 8290158979156745 10383 \cdot p_{55},\ B_1 = 302$

$1381^{30} \Rightarrow 2357 \cdot 16741 \cdot 362869447 \cdot$
$10543871829105381692080380606009691 \cdot P_{46},\ B_1 = 321$

$1381^{36} \Rightarrow 7359751253 \cdot p_{104},\ B_1 = 377$

$1381^{40} \Rightarrow 739 \cdot 191143 \cdot p_{118},\ B_1 = 415$

$1381^{42} \Rightarrow n,\ B_1 = 302$

$1381^{46} \Rightarrow n,\ B_1 = 327;\ \ q^{52},\ B_2 = 326$

$101^{6} \Rightarrow 71 \cdot 15100497917,\ B_1 = 61$

$15100497917^{2} \Rightarrow P_{21},\ B_1 = 101$

$P_{21}^{2} \Rightarrow 3 \cdot 13 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 13^2$

$P_{21}^{4} \Rightarrow 181 \cdot 15226373243814134553988 31 \cdot P_{55},\ B_1 = 305$

$P_{21}^{6} \Rightarrow n,\ B_1 = 305;\ \ q^{10},\ B_2 = 407$

$15100497917^{4} \Rightarrow 41 \cdot 131 \cdot 12671 \cdot 83827171 \cdot P_{25},\ B_1 = 162$

$P_{25}^{2} \Rightarrow 13 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 31^2$

$P_{25}^{4} \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$

$P_{25}^{6} \Rightarrow n,\ B_1 = 412;\ \ q^{10},\ B_2 = 499$

$15100497917^{6} \Rightarrow 7 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

$15100497917^{10} \Rightarrow 23 \cdot 67 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 23^2 \cdot 31^2 \cdot 67^2 \cdot 71^2 \cdot 101^6$

$15100497917^{12} \Rightarrow p_{123},\ B_1 = 407;\ \ q^{16},\ B_2 = 325$

$101^{10} \Rightarrow 23 \cdot 1876403 \cdot P_{13},\ B_1 = 85$

$P_{13}^{2} \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^2$

$P_{13}^{4} \Rightarrow 71 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 23^2 \cdot 31^2 \cdot 71^2 \cdot 101^{10} \cdot 127^2 \cdot 313^2$

$P_{13}^{6} \Rightarrow 197 \cdot 9857 \cdot 117811 \cdot 67149887122982009124944908 2461 \cdot P_{34},\ B_1 = 283$

$P_{34}^{2} \Rightarrow n,\ B_1 = 350;\ \ q^{4},\ B_3 = 350$

$P_{13}^{10} \Rightarrow 11 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 23^2$

$P_{13}^{12} \Rightarrow n,\ B_1 = 358;\ \ q^{16},\ B_2 = 397$

$101^{12} \Rightarrow 79 \cdot 157 \cdot 521 \cdot 60919 \cdot p_{13},\ B_1 = 97$

$p_{13}^{2} \Rightarrow 73 \cdot 13435141 \cdot P_{16},\ B_1 = 147$

$P_{16}^{2} \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^2$

$P_{16}^{4} \Rightarrow 16561 \cdot 38297581809530545297874 71 \cdot P_{35},\ B_1 = 306$

$P_{16}^{6} \Rightarrow 29 \cdot 71 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 29^2 \cdot 31^2 \cdot 71^2 \cdot 73^2 \cdot 79^2 \cdot 101^{12}$

$P_{16}^{10},\ B_2 = 318$

$p_{13}^{4} \Rightarrow 11 \cdot 31 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$

$p_{13}^{6} \Rightarrow 421 \cdot 10711 \cdot 985027 \cdot 20852791 \cdot p_{55},\ B_1 = 296$

$p_{55}^{2} \Rightarrow 3 \cdot 37 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 31^2 \cdot 37^2 \cdot 79^2 \cdot 101^{12}$

$p_{55}^{4},\ B_2 = 438$

$p_{13}^{10} \Rightarrow 67 \cdot 683 \cdot n,\ B_1 = 326$

$p_{13}^{12} \Rightarrow 13 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 31^2$

$p_{13}^{16},\ B_2 = 398$

$101^{16} \Rightarrow 239 \cdot 40162093 \cdot P_{23},\ B_1 = 121$

$P_{23}^{2} \Rightarrow 16648589071 \cdot P_{34},\ B_1 = 209$

$P_{34}^{2} \Rightarrow 3 \cdot 37 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 31^2 \cdot 37^2 \cdot 101^{16} \cdot 127^2$

$P_{34}^{4} \Rightarrow 11 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$

$P_{34}^{6},\ B_2 = 407$

$P_{23}^{4} \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$

$P_{23}^{6} \Rightarrow n,\ B_1 = 342;\ \ q^{10},\ B_2 = 441$

$101^{18} \Rightarrow 7069 \cdot 1808982826037837 \cdot P_{17},\ B_1 = 133$

$P_{17}^{2} \Rightarrow 37 \cdot 7351 \cdot P_{29},\ B_1 = 201$

$P_{29}^{2} \Rightarrow 3 \cdot 19 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 19^2 \cdot 31^2$

$P_{29}^{4} \Rightarrow n,\ B_1 = 372;\ \ q^{6},\ B_2 = 342$

$P_{17}^{4} \Rightarrow 11 \cdot 31 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$

$P_{17}^{6} \Rightarrow 29 \cdot n,\ B_1 = 304;\ \ q^{10},\ B_2 = 339$

$101^{22} \Rightarrow 47 \cdot p_{43},\ B_1 = 157$

$p_{43}^{2} \Rightarrow 37 \cdot 223 \cdot 1291 \cdot 7723 \cdot 5590254820901581 \cdot p_{59},\ B_1 = 327;\ \ q^{4},\ B_2 = 339$

$101^{28} \Rightarrow 108247113022313072 09 \cdot p_{38},\ B_1 = 193$

$p_{38}^{2} \Rightarrow 7 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

$p_{38}^{4} \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$

$p_{38}^{6},\ B_2 = 445$

$101^{30} \Rightarrow 26041 \cdot 184087221748933 \cdot 70458026227904971 \cdot p_{25},\ B_1 = 205$

$p_{25}^{2} \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^2$

$p_{25}^{4} \Rightarrow 11 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$

249: $p_{25}^6,\ B_3 = 303$

250: $101^{36} \Rightarrow 1999 \cdot 11471 \cdot 27506687620262389382960 3 \cdot P_{42},\ B_1 = 241$

251: $P_{42}^2 \Rightarrow 3 \cdot n,\ B_1 = 324;\ \ q^4,\ B_2 = 330$

253: $101^{40} \Rightarrow 25557023 \cdot 1063643813 \cdot$
$48862849949 \cdot 6080012361443260953036287 \cdot p_{29},\ B_1 = 265$

254: $p_{29}^2 \Rightarrow 3 \cdot 19 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 19^2 \cdot 31^2$

255: $p_{29}^4,\ B_3 = 322$

256: $101^{42} \Rightarrow 400969067 \cdot p_{76},\ B_1 = 277$

257: $p_{76}^2,\ B_2 = 302$

258: $101^{46} \Rightarrow 16921 \cdot 387373907 \cdot 903805807601 \cdot p_{68},\ B_1 = 301$

259: $101^{52} \Rightarrow 107 \cdot 663825319 \cdot$
$330153673551523323744293 \cdot 7932302461642031327184839 \cdot P_{45},\ B_1 = 337$

260: $101^{58} \Rightarrow 1181 \cdot 23719 \cdot c_{109},\ B_1 = 264$

261: $23719^2 \Rightarrow 3 \cdot 19 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 19^2 \cdot 31^2$

262: $23719^4 \Rightarrow 11^2 \cdot 31 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$

263: $23719^6 \Rightarrow n,\ B_1 = 308$

264: $23719^{10} \Rightarrow 23 \cdot 89 \cdot n,\ B_1 = 347;\ \ q^{12},\ B_3 = 308$

266: $101^{60} \Rightarrow 367 \cdot 977 \cdot 42159940148574038093069 93 \cdot P_{91},\ B_1 = 385$

267: $101^{66} \Rightarrow 718782433 \cdot 971289146050450131 13 \cdot P_{104},\ B_1 = 421$

268: $101^{70} \Rightarrow 569 \cdot n,\ B_1 = 308$

269: $101^{72} \Rightarrow n,\ B_1 = 313;\ \ q^{78},\ B_2 = 312$

271: $1009^2 \Rightarrow 3 \cdot 37 \cdot 9181,\ B_1 = 34$

272: $9181^1 \Rightarrow 4591,\ B_1 = 41$

273: $4591^2 \Rightarrow 3 \cdot 127 \cdot 55333,\ B_1 = 51$

274: $55333^2 \Rightarrow 3 \cdot 367 \cdot 2780923,\ B_1 = 70$

275: $2780923^2 \Rightarrow 3 \cdot 19 \cdot 135676061629,\ B_1 = 95$

276: $135676061629^2 \Rightarrow 3 \cdot 1321 \cdot 23011 \cdot P_{15},\ B_1 = 139$

277: $P_{15}^2 \Rightarrow 3 \cdot 13 \cdot 7105807 \cdot p_{21},\ B_1 = 196$

278: $p_{21}^2 \Rightarrow 3 \cdot p_{40},\ B_1 = 276$

279: $p_{40}^2 \Rightarrow 3 \cdot 79 \cdot 373 \cdot n,\ B_1 = 360;\ \ q^4,\ B_3 = 356$

281: $p_{21}^4 \Rightarrow 151 \cdot n,\ B_1 = 319$

282: $p_{21}^6 \Rightarrow 211 \cdot n,\ B_1 = 400;\ \ q^{10},\ B_2 = 403$

284: $P_{15}^4 \Rightarrow 2111 \cdot 1661913061 \cdot P_{45},\ B_1 = 282$

285: $P_{45}^2 \Rightarrow 3 \cdot 211 \cdot 859 \cdot n,\ B_1 = 376;\ \ q^4,\ B_3 = 372$

287: $P_{15}^6 \Rightarrow 1597 \cdot 282546831641702167 \cdot n,\ B_1 = 303$

288: $P_{15}^{10} \Rightarrow n,\ B_1 = 397;\ \ q^{12},\ B_2 = 343$

290: $135676061629^4 \Rightarrow 11 \cdot 101 \cdot 627481 \cdot 841169700401 \cdot P_{24},\ B_1 = 206$

291: $P_{24}^2 \Rightarrow 3 \cdot 127 \cdot 46636987 \cdot 268800153940867 \cdot p_{23},\ B_1 = 297$

292: $p_{23}^2 \Rightarrow 3 \cdot 7 \cdot 13 \ldots,\ S\ \ 3^8 \cdot 7^2 \cdot 11^2 \cdot 13^2$

293: $p_{23}^4,\ B_3 = 343$

294: $P_{24}^4 \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 11^2$

295: $P_{24}^6,\ B_3 = 301$

296: $135676061629^6 \Rightarrow 1667 \cdot 6007 \cdot 14029 \cdot 3183559 \cdot$
$22822493 \cdot 14957593125707 \cdot P_{29},\ B_1 = 273$

297: $P_{29}^2 \Rightarrow n,\ B_1 = 330;\ \ q^4,\ B_3 = 330$

299: $135676061629^{10} \Rightarrow 23 \cdot 67 \cdot 2311 \cdot n,\ B_1 = 302$

300: $135676061629^{12} \Rightarrow 521 \cdot n,\ B_1 = 342;\ \ q^{16},\ B_2 = 356$

302: $2780923^4 \Rightarrow 41 \cdot 9407336891 \cdot P_{15},\ B_1 = 134$

303: $P_{15}^2 \Rightarrow 67 \cdot P_{27},\ B_1 = 191$

304: $P_{27}^2 \Rightarrow 3 \cdot 163 \cdot 91621 \cdot 15194664187 \cdot 31116959666917 \cdot P_{22},\ B_1 = 296$

305: $P_{22}^2 \Rightarrow 3 \cdot 73 \cdot n,\ B_1 = 342;\ \ q^4,\ B_3 = 340$

307: $P_{27}^4 \Rightarrow 11 \cdot n,\ B_1 = 352;\ \ q^6,\ B_2 = 318$

309: $P_{15}^4 \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 11^2$

310: $P_{15}^6 \Rightarrow 1303 \cdot 1709 \cdot 331481921 \cdot 89694998503909 \cdot P_{57},\ B_1 = 361$

311: $P_{15}^{10} \Rightarrow 419 \cdot n,\ B_1 = 392;\ \ q^{12},\ B_2 = 340$

313: $2780923^{6} \Rightarrow 113 \cdot 127 \cdot 9857 \cdot 3641611 \cdot 10275301 \cdot p_{17},\ B_1 = 169$

314: $p_{17}^{2} \Rightarrow 3 \cdot 13 \cdot 127 \cdot 762566461 \cdot P_{22},\ B_1 = 236$

315: $P_{22}^{2} \Rightarrow 3 \cdot 211 \cdot 323101 \cdot 2232385011981583 \cdot P_{19},\ B_1 = 321$

316: $P_{22}^{4} \Rightarrow 31 \cdot 61 \cdot n,\ B_1 = 364;\ \ q^{6},\ B_3 = 321$

318: $p_{17}^{4} \Rightarrow 181 \cdot 18480001 \cdot 3055279293041 \cdot p_{46},\ B_1 = 338$

319: $p_{17}^{6} \Rightarrow 7 \cdot n,\ B_1 = 339;\ \ q^{10},\ B_2 = 338$

321: $2780923^{10} \Rightarrow 23 \cdot P_{64},\ B_1 = 250$

322: $P_{64}^{2} \Rightarrow 3 \cdot 7 \cdot n,\ B_1 = 377;\ \ q^{4},\ B_2 = 504$

324: $2780923^{12} \Rightarrow 53 \cdot 43835847721612683 37 \cdot$
$2100986055270718790728841 83 \cdot P_{31},\ B_1 = 289$

325: $P_{31}^{2} \Rightarrow 7 \cdot 673 \cdot n,\ B_1 = 354;\ \ q^{4},\ B_3 = 350$

327: $2780923^{16} \Rightarrow 949277008987 \cdot c_{92},\ B_1 = 275$

328: $949277008987^{2} \Rightarrow 3 \cdot 709 \cdot n,\ B_1 = 302$

329: $949277008987^{4} \Rightarrow n,\ B_1 = 347;\ \ q^{6},\ B_3 = 323$

331: $2780923^{18} \Rightarrow 191 \cdot c_{114},\ B_1 = 291$

332: $191^{2} \Rightarrow 7 \cdot 13^{2} \cdot 31,\ S\ \ 3^{6} \cdot 7^{2} \cdot 13^{2} \cdot 31^{2} \cdot 37^{2}$

333: $191^{4} \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^{6} \cdot 5^{2} \cdot 11^{2}$

334: $191^{6},\ B_3 = 300$

335: $2780923^{22} \Rightarrow 47 \cdot n,\ B_1 = 342;\ \ q^{28},\ B_2 = 360$

337: $55333^{4} \Rightarrow 11 \cdot 251 \cdot 3191 \cdot 46411 \cdot 22926121,\ B_1 = 98$

338: $22926121^{2} \Rightarrow 3 \cdot 699157 \cdot 250590853,\ B_1 = 128$

339: $250590853^{2} \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^{6} \cdot 7^{2} \cdot 11^{2} \cdot 31^{2} \cdot 37^{2}$

340: $250590853^{4} \Rightarrow p_{34},\ B_1 = 212$

341: $p_{34}^{2} \Rightarrow 157 \cdot 8599 \cdot 5876179 \cdot 577515739 \cdot n,\ B_1 = 301$

342: $p_{34}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^{6} \cdot 5^{2} \cdot 11^{2}$

343: $p_{34}^{6},\ B_2 = 403$

344: $250590853^{6} \Rightarrow 43 \cdot 71 \cdot 178039 \cdot 212969 \cdot p_{37},\ B_1 = 262$

345: $p_{37}^{2} \Rightarrow 3 \cdot n,\ B_1 = 334;\ \ q^{4},\ B_3 = 335$

347: $250590853^{10} \Rightarrow 199 \cdot 12456049 \cdot 7824597655195220041 57 \cdot p_{54},\ B_1 = 363$

348: $250590853^{12} \Rightarrow 53 \cdot n,\ B_1 = 314$

349: $250590853^{16} \Rightarrow 103 \cdot n,\ B_1 = 382;\ \ q^{18},\ B_2 = 302$

351: $22926121^{4} \Rightarrow 5 \cdot 11^{2} \ldots,\ S\ \ 3^{4} \cdot 5^{2} \cdot 11^{4}$

352: $22926121^{6} \Rightarrow 7 \ldots,\ S\ \ 3^{4} \cdot 7^{2} \cdot 11^{2} \cdot 31^{2} \cdot 37^{2}$

353: $22926121^{10} \Rightarrow 661 \cdot 11235533 \cdot P_{64},\ B_1 = 304$

354: $22926121^{12} \Rightarrow 157 \cdot 110395734078532271 3 \cdot$
$64536977069972781 41 \cdot 69261021890097562799 \cdot P_{30},\ B_1 = 349$

355: $22926121^{16} \Rightarrow 103 \cdot 443 \cdot n,\ B_1 = 324$

356: $22926121^{18} \Rightarrow n,\ B_1 = 349;\ \ q^{22},\ B_2 = 323$

358: $55333^{6} \Rightarrow 43 \cdot 617 \cdot 135913 \cdot 141667 \cdot P_{14},\ B_1 = 127$

359: $P_{14}^{2} \Rightarrow 19 \cdot 185167 \cdot 49722523 \cdot P_{14},\ B_1 = 182$

360: $P_{14}^{2} \Rightarrow 3 \cdot 241 \cdot 1399 \cdot 5641 \cdot 522871 \cdot 109162124431,\ B_1 = 235$

361: $109162124431^{2} \Rightarrow 3 \cdot 13 \cdot 9103 \cdot p_{17},\ B_1 = 278$

362: $p_{17}^{2} \Rightarrow 3 \cdot 7 \cdot 19 \ldots,\ S\ \ 3^{8} \cdot 7^{2} \cdot 13^{2} \cdot 19^{2} \cdot 31^{2}$

363: $p_{17}^{4},\ B_3 = 311$

364: $109162124431^{4} \Rightarrow 5 \ldots,\ S\ \ 3^{6} \cdot 5^{2} \cdot 19^{2} \cdot 31^{2}$

365: $109162124431^{6} \Rightarrow n,\ B_1 = 345;\ \ q^{10},\ B_3 = 323$

367: $P_{14}^{4} \Rightarrow 11 \cdot 61 \cdot 4665461 \cdot 74584300382201 \cdot P_{30},\ B_1 = 314$

368: $P_{14}^{6} \Rightarrow 29 \cdot 127 \cdot 701 \cdot n,\ B_1 = 317$

369: $P_{14}^{10} \Rightarrow 23 \cdot 67 \cdot n,\ B_1 = 424;\ \ q^{12},\ B_2 = 318$

371: $P_{14}^{4} \Rightarrow 11 \cdot 701 \cdot 1588537271 \cdot 900282886291 \cdot P_{30},\ B_1 = 264$

372: $P_{30}^{2} \Rightarrow n,\ B_1 = 324;\ \ q^{4},\ B_3 = 324$

374: $P_{14}^{6} \Rightarrow 7 \cdot 659 \cdot 587959 \cdot c_{74},\ B_1 = 274$

375: $587959^{2} \Rightarrow 3 \cdot 115232124547,\ B_1 = 297$

$115232124547^2 \Rightarrow 3 \cdot 19 \ldots,\ S\ \ 3^6 \cdot 7^2 \cdot 19^2 \cdot 31^2 \cdot 37^2 \cdot 43^2$

$115232124547^4,\ B_3 = 319$

$587959^4 \Rightarrow 11 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 31^2 \cdot 37^2$

$587959^6 \Rightarrow 7 \cdot 463 \cdot n,\ B_1 = 333;\ \ q^{10},\ B_3 = 320$

$P_{14}^{10} \Rightarrow n,\ B_1 = 374;\ \ q^{12},\ B_2 = 329$

$55333^{10} \Rightarrow 23 \cdot 89 \cdot 135447444661 \cdot p_{33},\ B_1 = 184$

$p_{33}^2 \Rightarrow 13 \cdot 16460331014555882936351436747411 1 \cdot p_{33},\ B_1 = 316$

$p_{33}^4 \Rightarrow 41 \cdot 71 \cdot n,\ B_1 = 385;\ \ q^6,\ B_2 = 395$

$55333^{12} \Rightarrow 510357329 \cdot 1358338049641 \cdot 68513407781460409 \cdot p_{20},\ B_1 = 212$

$p_{20}^2 \Rightarrow 43 \cdot 79 \cdot 36979 \cdot 320209 \cdot p_{25},\ B_1 = 289$

$p_{25}^2 \Rightarrow 3 \cdot 7 \cdot 349 \cdot n,\ B_1 = 343;\ \ q^4,\ B_3 = 339$

$p_{20}^4 \Rightarrow 5 \cdot n,\ B_1 = 328$

$p_{20}^6 \Rightarrow 71 \cdot n,\ B_1 = 406;\ \ q^{10},\ B_2 = 384$

$55333^{16} \Rightarrow 137 \cdot 647 \cdot 17681 \cdot 13788489269 \cdot 342387793437500443 \cdot p_{40},\ B_1 = 269$

$p_{40}^2 \Rightarrow n,\ B_1 = 347;\ \ q^4,\ B_3 = 347$

$55333^{18} \Rightarrow P_{86},\ B_1 = 298$

$P_{86}^2,\ B_2 = 341$

$55333^{22} \Rightarrow 47 \cdot 1903877474408219506309767847 \cdot P_{76},\ B_1 = 355$

$55333^{28} \Rightarrow 29 \cdot n,\ B_1 = 309$

$55333^{30} \Rightarrow n,\ B_1 = 326;\ \ q^{36},\ B_2 = 341$

$4591^4 \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 11^2$

$4591^6 \Rightarrow 254322041 \cdot p_{14},\ B_1 = 100$

$p_{14}^2 \Rightarrow 13 \cdot 19 \cdot 486583 \cdot P_{20},\ B_1 = 154$

$P_{20}^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^2 \cdot 31^2$

$P_{20}^4 \Rightarrow 41 \cdot 383171 \cdot 16451584845756409410287579164 1 \cdot P_{40},\ B_1 = 345$

$P_{20}^6 \Rightarrow n,\ B_1 = 345;\ \ q^{10},\ B_2 = 381$

$p_{14}^4 \Rightarrow 61 \cdot 271 \cdot 401 \cdot 5326301 \cdot 13445509681 \cdot P_{31},\ B_1 = 236$

$P_{31}^2 \Rightarrow 3 \cdot 43 \cdot 607 \cdot n,\ B_1 = 301$

$P_{31}^4 \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 11^2$

$P_{31}^6,\ B_2 = 367$

$p_{14}^6 \Rightarrow 7 \cdot 29 \cdot 757 \cdot 18859 \cdot 3080393 \cdot 83926109 \cdot$
$176526355054622623 \cdot 22676213039515291859 \cdot P_{21},\ B_1 = 317$

$p_{14}^{10} \Rightarrow 23 \cdot 331 \cdot n,\ B_1 = 348;\ \ q^{12},\ B_2 = 325$

$4591^{10} \Rightarrow 881 \cdot 2113651 \cdot 30701466148519 \cdot p_{14},\ B_1 = 144$

$p_{14}^2 \Rightarrow 3 \cdot 7 \cdot 19 \cdot p_{26},\ B_1 = 199$

$p_{26}^2 \Rightarrow 3 \cdot 61 \ldots,\ S\ \ 3^6 \cdot 7^2 \cdot 19^2 \cdot 31^2 \cdot 37^2 \cdot 61^2 \cdot 127^2$

$p_{26}^4 \Rightarrow n,\ B_1 = 349;\ \ q^6,\ B_2 = 301$

$p_{14}^4 \Rightarrow 41 \cdot 1601 \cdot p_{51},\ B_1 = 283$

$p_{51}^2 \Rightarrow n,\ B_1 = 384;\ \ q^4,\ B_2 = 405$

$p_{14}^6 \Rightarrow 43 \cdot 71 \cdot 24697 \cdot 100273783 \cdot p_{68},\ B_1 = 366$

$p_{14}^{10} \Rightarrow 11 \cdot 23 \cdot 331 \cdot n,\ B_1 = 398;\ \ q^{12},\ B_2 = 332$

$4591^{12} \Rightarrow 521 \cdot p_{42},\ B_1 = 166$

$p_{42}^2 \Rightarrow 94845493 \cdot P_{75},\ B_1 = 331;\ \ q^4,\ B_2 = 329$

$4591^{16} \Rightarrow 17 \cdot 1021 \cdot 955801233000296205155233 \cdot p_{31},\ B_1 = 210$

$p_{31}^2 \Rightarrow 3 \cdot 13 \cdot 1231 \cdot 1730041 \cdot P_{50},\ B_1 = 330$

$p_{31}^4 \Rightarrow 11 \cdot n,\ B_1 = 393;\ \ q^6,\ B_2 = 364$

$4591^{18} \Rightarrow 761 \cdot 20939 \cdot 2334037 \cdot 442078452317 \cdot 1053085325072189 \cdot P_{26},\ B_1 = 232$

$P_{26}^2 \Rightarrow 3 \cdot 7 \cdot 37^2 \cdot 229 \cdot 373 \cdot 19009 \cdot 3531141463 \cdot P_{29},\ B_1 = 331$

$P_{26}^4 \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 11^2$

$P_{26}^6,\ B_3 = 335$

$4591^{22} \Rightarrow 47 \cdot 691 \cdot 1151 \cdot 1631897 \cdot 244491151 \cdot 74960551690749667 \cdot P_{42},\ B_1 = 276$

$P_{42}^2 \Rightarrow 3 \cdot 31 \cdot 139 \cdot n,\ B_1 = 359;\ \ q^4,\ B_3 = 359$

$4591^{28} \Rightarrow 59 \cdot 1277 \cdot 331819 \cdot 44459147 \cdot 54480851 \cdot$
$9387912539 \cdot 1490158448371065901 07 \cdot p_{47},\ B_1 = 342$

$4591^{30} \Rightarrow 5209 \cdot 5629513986533 \cdot 1058669992770233 \cdot p_{79},\ B_1 = 364$

$4591^{36} \Rightarrow 31411343807 \cdot n,\ B_1 = 308$

$4591^{40} \Rightarrow 83 \cdot n,\ B_1 = 329;\ q^{42},\ B_2 = 307$

$9181^2 \Rightarrow 3 \cdot 7^2 \cdot 13 \cdot 31 \ldots,\ S\ 3^4 \cdot 7^2 \cdot 13 \cdot 31^2 \cdot 37^2 \cdot 127^2$

$9181^4 \Rightarrow 5 \cdot 11311 \cdot 125642407351,\ B_1 = 75$

$125642407351^2 \Rightarrow 3 \cdot 733 \cdot P_{19},\ B_1 = 118$

$P_{19}^2 \Rightarrow 3 \cdot 34807 \cdot 2729983 \cdot 33567189193 \cdot P_{16},\ B_1 = 186$

$P_{16}^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ 3^6 \cdot 5 \cdot 7^2$

$P_{16}^4 \Rightarrow 71 \cdot 151 \cdot 53543431 \cdot 70414451 \cdot p_{44},\ B_1 = 311$

$P_{16}^6 \Rightarrow 43 \cdot n,\ B_1 = 345;\ q^{10},\ B_2 = 314$

$P_{19}^4 \Rightarrow 5531 \cdot 17765386094679211 \cdot p_{56},\ B_1 = 254$

$p_{56}^1 \Rightarrow 7 \ldots,\ S\ 3^4 \cdot 5^2 \cdot 7^2$

$p_{56}^2,\ B_3 = 307$

$P_{19}^6 \Rightarrow 7 \ldots,\ S\ 3^4 \cdot 5 \cdot 7^2$

$P_{19}^{10},\ B_2 = 377$

$125642407351^4 \Rightarrow 5 \cdot 181 \cdot 16381 \cdot 4874056251580811 \cdot P_{22},\ B_1 = 183$

$P_{22}^2 \Rightarrow 7 \ldots,\ S\ 3^4 \cdot 5^2 \cdot 7^2$

$P_{22}^4 \Rightarrow 5 \ldots,\ S\ 3^4 \cdot 5^4 \cdot 31^2 \cdot 37 \cdot 127^2 \cdot 181^2$

$P_{22}^6 \Rightarrow 71 \ldots,\ S\ 3^4 \cdot 5^2 \cdot 31^2 \cdot 37 \cdot 71^2 \cdot 127^2$

$P_{22}^{10},\ B_2 = 430$

$125642407351^6 \Rightarrow 669859 \cdot P_{61},\ B_1 = 253$

$P_{61}^2 \Rightarrow 3 \cdot n,\ B_1 = 374;\ q^4,\ B_2 = 486$

$125642407351^{10} \Rightarrow 23 \cdot 67 \ldots,\ S\ 3^4 \cdot 5 \cdot 23^2 \cdot 31^2 \cdot 37^2 \cdot 67^2$

$125642407351^{12} \Rightarrow 53 \cdot n,\ B_1 = 321;\ q^{16},\ B_2 = 355$

$9181^6 \Rightarrow 113 \cdot 17431 \cdot 15251867 \cdot 19937168287,\ B_1 = 99$

$19937168287^2 \Rightarrow 3 \cdot 541 \cdot 25981 \cdot 46153 \cdot 204245563,\ B_1 = 137$

$204245563^2 \Rightarrow 3 \cdot 7 \cdot 97 \cdot 373 \cdot 1117 \cdot 1279 \cdot 38431,\ B_1 = 170$

$38431^2 \Rightarrow 3 \cdot 13 \ldots,\ S\ 3^6 \cdot 7^2 \cdot 13 \cdot 31^2 \cdot 37^2 \cdot 97^2$

$38431^4 \Rightarrow 5 \ldots,\ S\ 3^6 \cdot 5 \cdot 7^2$

$38431^6 \Rightarrow 7 \cdot 71 \cdot 827 \cdot P_{22},\ B_1 = 242$

$P_{22}^2 \Rightarrow 3 \cdot 31 \cdot 1531 \cdot 2647279 \cdot p_{33},\ B_1 = 298$

$p_{33}^1 \Rightarrow 5 \ldots,\ S\ 3^6 \cdot 5^2 \cdot 7^2$

$p_{33}^2,\ B_3 = 326$

$P_{22}^4 \Rightarrow 131^2 \cdot n,\ B_1 = 373;\ q^6,\ B_3 = 330$

$38431^{10} \Rightarrow 67 \cdot 991 \cdot 3037 \cdot 19869257 \cdot$
$896569301 \cdot 2246447897 \cdot 870909568981,\ B_1 = 291$

$870909568981^1 \Rightarrow 17 \cdot 23 \ldots,\ S\ 3^6 \cdot 7^2 \cdot 17^2 \cdot 23^2 \cdot 31^2$

$870909568981^2 \Rightarrow 3 \cdot 7 \cdot n,\ B_1 = 317;\ q^4,\ B_3 = 318$

$38431^{12} \Rightarrow 189609488847609580951774 57 \cdot p_{30},\ B_1 = 301$

$38431^{16} \Rightarrow n,\ B_1 = 308$

$38431^{18} \Rightarrow n,\ B_1 = 326$

$38431^{22} \Rightarrow 47 \cdot n,\ B_1 = 365$

$38431^{28} \Rightarrow 59 \cdot 349 \cdot n,\ B_1 = 422$

$38431^{30} \Rightarrow 373 \cdot n,\ B_1 = 434;\ q^{36},\ B_2 = 330$

$204245563^4 \Rightarrow 11 \cdot 71 \cdot p_{31},\ B_1 = 195$

$p_{31}^1 \Rightarrow 3 \cdot 379 \cdot 418924301009 \cdot P_{16},\ B_1 = 255$

$P_{16}^2 \Rightarrow 167107 \cdot 1136203 \cdot 560286943 \cdot 51428739319,\ B_1 = 316$

$P_{16}^4 \Rightarrow n,\ B_1 = 347;\ q^6,\ B_3 = 316$

$p_{31}^2 \Rightarrow 64063 \cdot 1087954603 \cdot P_{47},\ B_1 = 342$

$p_{31}^4 \Rightarrow 5 \ldots,\ S\ 3^4 \cdot 5 \cdot 11^2 \cdot 31^2$

$p_{31}^6,\ B_2 = 364$

$204245563^6 \Rightarrow 43 \cdot 23563 \cdot p_{44},\ B_1 = 231$

$p_{44}^1 \Rightarrow 787 \cdot 3677 \cdot 67917427 \cdot P_{30},\ B_1 = 318$

$p_{44}^2 \Rightarrow 3 \cdot 43 \cdot 601 \cdot n,\ B_1 = 359;\ q^4,\ B_3 = 358$

$204245563^{10} \Rightarrow 61909 \cdot 33453179 \cdot 11300690413 \cdot n,\ B_1 = 304$

$204245563^{12} \Rightarrow 53 \cdot n,\ B_1 = 322$

$204245563^{16} \Rightarrow 137 \cdot n,\ B_1 = 389$

$204245563^{18} \Rightarrow n,\ B_1 = 420;\ \ q^{22},\ B_2 = 365$

$19937168287^4 \Rightarrow 11 \cdot 41 \cdot 8220344521 \cdot P_{29},\ B_1 = 195$

$P_{29}^2 \Rightarrow 277429 \cdot 109673353 \cdot 164277469 \cdot p_{36},\ B_1 = 283$

$p_{36}^1 \Rightarrow 29 \cdot 227 \cdot n,\ B_1 = 323;\ \ q^2,\ B_3 = 309$

$P_{29}^4 \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^4 \cdot 5 \cdot 11^2 \cdot 31^2$

$P_{29}^6,\ B_2 = 343$

$19937168287^6 \Rightarrow 7 \cdot 127 \cdot 26783 \cdot 5566708519 \cdot p_{45},\ B_1 = 217$

$p_{45}^1 \Rightarrow 3 \cdot 5 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^2$

$p_{45}^2 \Rightarrow 13 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13 \cdot 31^2 \cdot 37^2 \cdot 113^2$

$p_{45}^4,\ B_2 = 357$

$19937168287^{10} \Rightarrow 23 \cdot 67 \cdot 199 \cdot 708599 \cdot 5592333623207 \cdot n,\ B_1 = 309$

$19937168287^{12} \Rightarrow 79 \cdot n,\ B_1 = 328;\ \ q^{16},\ B_2 = 329$

$9181^{10} \Rightarrow 23 \cdot 635471 \cdot 2813416783 \cdot p_{24},\ B_1 = 126$

$p_{24}^1 \Rightarrow 3 \cdot 5^2 \cdot 7^2 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^2$

$p_{24}^2 \Rightarrow 13 \cdot 2689 \cdot P_{42},\ B_1 = 238$

$P_{42}^2 \Rightarrow 3 \cdot 61 \cdot 73 \cdot n,\ B_1 = 324;\ \ q^4,\ B_2 = 331$

$p_{24}^4 \Rightarrow 101 \cdot 461 \cdot 571 \cdot P_{85},\ B_1 = 377$

$p_{24}^6 \Rightarrow 617 \cdot n,\ B_1 = 379;\ \ q^{10},\ B_2 = 460$

$9181^{12} \Rightarrow 157 \cdot 521 \cdot 241229 \cdot 2190130430567 \cdot P_{25},\ B_1 = 167$

$P_{25}^2 \Rightarrow 19 \cdot 163 \cdot 5581 \cdot p_{43},\ B_1 = 230$

$p_{43}^1 \Rightarrow 5^3 \ldots,\ S\ \ 3^4 \cdot 5^4 \cdot 19^2 \cdot 31^2$

$p_{43}^2 \Rightarrow 3 \cdot 7 \cdot 19 \cdot 967 \cdot n,\ B_1 = 354;\ \ q^4,\ B_3 = 352$

$P_{25}^4 \Rightarrow 661 \cdot n,\ B_1 = 320$

$P_{25}^6 \Rightarrow 7 \cdot 71 \cdot n,\ B_1 = 419;\ \ q^{10},\ B_2 = 498$

$9181^{16} \Rightarrow 17 \cdot 103 \cdot 953 \cdot 3673 \cdot 7481 \cdot 121687 \cdot$
$2283461629543 \cdot 73603473319847 \cdot p_{19},\ B_1 = 202$

$p_{19}^1 \Rightarrow 3 \cdot 5^3 \ldots,\ S\ \ 3^4 \cdot 5^4 \cdot 17^2 \cdot 31^2$

$p_{19}^2 \Rightarrow 105937453 \cdot 445442489617 \cdot P_{18},\ B_1 = 283$

$P_{18}^2 \Rightarrow 3 \cdot 13 \cdot n,\ B_1 = 318;\ \ q^4,\ B_3 = 317$

$p_{19}^4 \Rightarrow 71 \cdot 311 \cdot n,\ B_1 = 331$

$p_{19}^6 \Rightarrow 29 \cdot n,\ B_1 = 402;\ \ q^{10},\ B_2 = 368$

$9181^{18} \Rightarrow 2129 \cdot 11808502455180577450565173908166 7 \cdot p_{36},\ B_1 = 208$

$p_{36}^1 \Rightarrow 51517 \cdot 600830863507139 \cdot p_{17},\ B_1 = 280$

$p_{17}^2 \Rightarrow 7 \cdot 13 \cdot 67 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 31^2 \cdot 37^2 \cdot 67^2$

$p_{17}^4,\ B_3 = 312$

$p_{36}^2 \Rightarrow 3 \cdot 7 \cdot 181 \cdot n,\ B_1 = 315;\ \ q^4,\ B_3 = 313$

$9181^{22} \Rightarrow 47 \cdot 18132200719277 \cdot p_{73},\ B_1 = 219$

$p_{73}^1 \Rightarrow 3 \cdot 395803 \cdot 1535719 \cdot n,\ B_1 = 303$

$p_{73}^2 \Rightarrow 13 \cdot 19 \cdot 37 \cdot 73 \cdot 307 \cdot n,\ B_1 = 428;\ \ q^4,\ B_2 = 578$

$9181^{28} \Rightarrow 59 \cdot 7309 \cdot 5509073 \cdot$
$28460541731811529127 \cdot 73166394339568206476377 7 \cdot p_{56},\ B_1 = 308$

$9181^{30} \Rightarrow 1427 \cdot 9239 \cdot 1558071967 \cdot p_{103},\ B_1 = 284$

$p_{103}^1 \Rightarrow n,\ B_1 = 387;\ \ q^2,\ B_2 = 410$

$9181^{36} \Rightarrow 593 \cdot n,\ B_1 = 316;\ \ q^{40},\ B_2 = 317$

$1009^4 \Rightarrow p_{13},\ B_1 = 44$

$p_{13}^1 \Rightarrow 3 \cdot 172919530897,\ B_1 = 68$

$172919530897^2 \Rightarrow 3 \cdot 13 \cdot 167017549 \cdot p_{13},\ B_1 = 112$

$p_{13}^2 \Rightarrow 3 \cdot 3523057633 \cdot p_{16},\ B_1 = 162$

$p_{16}^2 \Rightarrow 3 \cdot 7^2 \cdot 31^2 \cdot p_{26},\ B_1 = 218$

$p_{26}^2 \Rightarrow 3 \cdot 883 \cdot 6301 \cdot 153607 \cdot p_{39},\ B_1 = 320$

$p_{26}^4 \Rightarrow n,\ B_1 = 370;\ \ q^6,\ B_3 = 320$

$p_{16}^4 \Rightarrow 11 \cdot 661 \cdot 1252177447598024861 \cdot P_{40},\ B_1 = 315$

$p_{16}^6 \Rightarrow n,\ B_1 = 315;\ q^{10},\ B_2 = 305$

$p_{13}^4 \Rightarrow 71 \cdot 191 \cdot 211 \cdot 268811 \cdot 1030969395307875761 \cdot p_{21},\ B_1 = 238$

$p_{21}^2 \Rightarrow 7 \cdot 13 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 31^2 \cdot 71^2 \cdot 127^2 \cdot 191^2 \cdot 211^2$

$p_{21}^4 \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 13^2$

$p_{21}^6,\ B_3 = 321$

$p_{13}^6 \Rightarrow 7 \cdot 1535353 \cdot p_{69},\ B_1 = 314$

$p_{13}^{10} \Rightarrow n,\ B_1 = 339;\ q^{12},\ B_2 = 303$

$172919530897^4 \Rightarrow 11 \cdot 61 \cdot 1238551 \cdot 34062268434687011 \cdot P_{20},\ B_1 = 180$

$P_{20}^2 \Rightarrow 86102077 \cdot 15069283300651 \cdot P_{18},\ B_1 = 258$

$P_{18}^2 \Rightarrow 3 \cdot 37 \cdot 487 \cdot p_{32},\ B_1 = 329$

$P_{18}^4 \Rightarrow 31 \cdot 101 \cdot 241 \cdot n,\ B_1 = 368;\ q^6,\ B_3 = 329$

$P_{20}^4 \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 11^2$

$P_{20}^6 \Rightarrow 29 \cdot n,\ B_1 = 376;\ q^{10},\ B_2 = 389$

$172919530897^6 \Rightarrow 7 \cdot 313517 \cdot 798984892889 \cdot p_{50},\ B_1 = 247$

$p_{50}^2 \Rightarrow 3 \cdot 139 \cdot 463 \cdot n,\ B_1 = 350;\ q^4,\ B_2 = 393$

$172919530897^{10} \Rightarrow 23 \cdot 199 \cdot 419 \cdot p_{107},\ B_1 = 382$

$172919530897^{12} \Rightarrow 79 \cdot n,\ B_1 = 317;\ q^{16},\ B_2 = 359$

$p_{13}^2 \Rightarrow 727 \cdot 1399 \cdot 8269 \cdot P_{15},\ B_1 = 100$

$P_{15}^2 \Rightarrow 3 \cdot 43 \cdot 61 \cdot 109^2 \cdot 373 \cdot 50062963 \cdot 9383676751,\ B_1 = 153$

$9383676751^2 \Rightarrow 3 \cdot 1051 \cdot 4429057 \cdot 6305373793,\ B_1 = 186$

$6305373793^1 \Rightarrow 109 \cdot 2087 \cdot 13859,\ B_1 = 205$

$13859^2 \Rightarrow 151 \cdot 1272091,\ B_1 = 221$

$1272091^2 \Rightarrow 3 \cdot 7 \cdot 67 \cdot 1150118539,\ B_1 = 246$

$1150118539^2 \Rightarrow 3 \cdot 1054441 \cdot 418159212607,\ B_1 = 281$

$418159212607^2 \Rightarrow 3 \cdot 73 \cdot n,\ B_1 = 307;\ q^4,\ B_3 = 304$

$1150118539^4 \Rightarrow 11 \ldots,\ S\ \ 3^6 \cdot 7^2 \cdot 11^2 \cdot 31^2 \cdot 43^2$

$1150118539^6 \Rightarrow n,\ B_1 = 336;\ q^{10},\ B_3 = 318$

$1272091^4 \Rightarrow 5 \cdot 61 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 31^2 \cdot 43^2 \cdot 61^2 \cdot 109^4$

$1272091^6 \Rightarrow 463 \cdot 3767 \cdot p_{31},\ B_1 = 319$

$1272091^{10} \Rightarrow n,\ B_1 = 331$

$1272091^{12} \Rightarrow 443 \cdot n,\ B_1 = 358;\ q^{16},\ B_3 = 307$

$13859^4 \Rightarrow 31 \cdot 281 \cdot P_{13},\ B_1 = 243$

$P_{13}^2 \Rightarrow 859 \cdot 41809 \cdot 192601 \cdot P_{13},\ B_1 = 294$

$P_{13}^2 \Rightarrow 3 \cdot 7 \cdot 13 \ldots,\ S\ \ 3^6 \cdot 7^2 \cdot 13^2 \cdot 31^2 \cdot 43^2 \cdot 61^2$

$P_{13}^4,\ B_3 = 318$

$P_{13}^4 \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 31^2 \cdot 43^2 \cdot 61^2 \cdot 109^4$

$P_{13}^6 \Rightarrow 29 \cdot n,\ B_1 = 371;\ q^{10},\ B_3 = 344$

$13859^6 \Rightarrow 127 \cdot 211 \cdot p_{21},\ B_1 = 267$

$p_{21}^2 \Rightarrow 3 \cdot 19 \cdot 31 \cdot 37 \cdot n,\ B_1 = 309;\ q^4,\ B_3 = 308$

$13859^{10} \Rightarrow 23 \cdot 89 \cdot 727 \cdot p_{36},\ B_1 = 315$

$13859^{12} \Rightarrow 13 \cdot 59957 \cdot n,\ B_1 = 302$

$13859^{16} \Rightarrow n,\ B_1 = 329$

$13859^{18} \Rightarrow 191 \cdot n,\ B_1 = 348$

$13859^{22} \Rightarrow n,\ B_1 = 379;\ q^{28},\ B_3 = 312$

$6305373793^2 \Rightarrow 3 \cdot 19 \cdot 43 \cdot 33457 \cdot 87931 \cdot 5513779,\ B_1 = 225$

$5513779^2 \Rightarrow 3 \cdot P_{14},\ B_1 = 251$

$P_{14}^2 \Rightarrow 3 \cdot 1182142195363 \cdot p_{14},\ B_1 = 296$

$p_{14}^1 \Rightarrow 13^2 \cdot 17 \cdot 67 \ldots,\ S\ \ 3^8 \cdot 13^2 \cdot 17^2 \cdot 19^2 \cdot 31^2 \cdot 43^2 \cdot 61^2 \cdot 67^2 \cdot 109^2$

$p_{14}^2,\ B_3 = 303$

$P_{14}^4 \Rightarrow 71 \cdot 571 \cdot n,\ B_1 = 333;\ q^6,\ B_3 = 303$

$5513779^4 \Rightarrow 15112582171 \cdot P_{17},\ B_1 = 292$

$P_{17}^2 \Rightarrow 7 \cdot 37 \ldots,\ S\ \ 3^6 \cdot 7^2 \cdot 19^2 \cdot 31^2 \cdot 37 \cdot 43^2 \cdot 61^2$

$P_{17}^4,\ B_3 = 326$

638: $5513779^{6} \Rightarrow 165089 \cdot 167324790221 \cdot p_{25},\ B_1 = 315$
639: $5513779^{10} \Rightarrow 23 \cdot 67 \cdot n,\ B_1 = 349$
640: $5513779^{12} \Rightarrow n,\ B_1 = 373;\ \ q^{16},\ B_3 = 319$
642: $6305373793^{4} \Rightarrow 11 \cdot 971 \cdot 6703280535895291 \cdot P_{20},\ B_1 = 287$
643: $P_{20}^{2} \Rightarrow 7^2 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 31^2 \cdot 43^2$
644: $P_{20}^{4},\ B_3 = 326$
645: $6305373793^{6} \Rightarrow 281 \cdot 52778228147 \cdot n,\ B_1 = 300$
646: $6305373793^{10} \Rightarrow n,\ B_1 = 365$
647: $6305373793^{12} \Rightarrow n,\ B_1 = 404;\ \ q^{16},\ B_3 = 326$
649: $9383676751^{4} \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^4 \cdot 5 \cdot 11^2 \cdot 31^2$
650: $9383676751^{6} \Rightarrow 7 \cdot 71 \cdot 1141631 \cdot 10748893 \cdot$
$49602491 \cdot 61297152975913 \cdot p_{23},\ B_1 = 294$
651: $p_{23}^{1} \Rightarrow 3 \cdot 5 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^2$
652: $p_{23}^{2},\ B_3 = 302$
653: $9383676751^{10} \Rightarrow 23 \cdot 67 \cdot n,\ B_1 = 335$
654: $9383676751^{12} \Rightarrow n,\ B_1 = 372;\ \ q^{16},\ B_2 = 319$
656: $P_{15}^{4} \Rightarrow p_{57},\ B_1 = 189$
657: $p_{57}^{1} \Rightarrow 3 \cdot 40961 \cdot 2133942222269565329 \cdot P_{33},\ B_1 = 301$
658: $p_{57}^{2} \Rightarrow 7 \cdot 31 \cdot 181 \cdot 523 \cdot n,\ B_1 = 359;\ \ q^{4},\ B_2 = 451$
660: $P_{15}^{6} \Rightarrow 94529 \cdot 215725987 \cdot 25312619669346044457 \cdot P_{53},\ B_1 = 312$
661: $P_{15}^{10} \Rightarrow n,\ B_1 = 354;\ \ q^{12},\ B_2 = 338$
663: $p_{13}^{4} \Rightarrow 5 \cdot 331 \cdot 1001748481 \cdot 8534349138335561 \cdot P_{20},\ B_1 = 160$
664: $P_{20}^{2} \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^4 \cdot 5 \cdot 7^2$
665: $P_{20}^{4} \Rightarrow 5 \cdot 11 \cdot 31 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$
666: $P_{20}^{6} \Rightarrow 617 \cdot n,\ B_1 = 362;\ \ q^{10},\ B_2 = 398$
668: $p_{13}^{6} \Rightarrow 13469 \cdot 18229 \cdot 851971 \cdot 110935861 \cdot p_{50},\ B_1 = 199$
669: $p_{50}^{1} \Rightarrow 3 \cdot 11 \cdot 1949 \cdot 4241 \cdot 23289467 \cdot 3259149331 \cdot 116680380199 \cdot p_{14},\ B_1 = 298$
670: $p_{14}^{2} \Rightarrow 3 \cdot 19 \cdot 61 \cdot n,\ B_1 = 326;\ \ q^{4},\ B_3 = 324$
672: $p_{50}^{2} \Rightarrow 19 \cdot n,\ B_1 = 341;\ \ q^{4},\ B_2 = 397$
674: $p_{13}^{10} \Rightarrow 395021969 \cdot 29919325019 \cdot 684019951099 \cdot P_{90},\ B_1 = 384$
675: $p_{13}^{12} \Rightarrow 13 \cdot 859 \cdot n,\ B_1 = 322;\ \ q^{16},\ B_2 = 384$
677: $1009^{6} \Rightarrow 7 \cdot 29 \cdot 5077297 \cdot 1024823381,\ B_1 = 65$
678: $1024823381^{1} \Rightarrow 3 \cdot 11 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 29^2 \cdot 31^2$
679: $1024823381^{2} \Rightarrow 37987 \cdot p_{14},\ B_1 = 97$
680: $p_{14}^{1} \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$
681: $p_{14}^{2} \Rightarrow 3 \cdot 7 \cdot 112927 \cdot 8845231 \cdot P_{14},\ B_1 = 156$
682: $P_{14}^{2} \Rightarrow 3 \cdot 61 \cdot P_{25},\ B_1 = 209$
683: $P_{25}^{2} \Rightarrow 3 \cdot 62851 \cdot 3864139 \cdot 1905290008503743683 \cdot p_{20},\ B_1 = 295$
684: $p_{20}^{1} \Rightarrow 233 \cdot n,\ B_1 = 317;\ \ q^{2},\ B_3 = 308$
686: $P_{25}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5 \cdot 7^2$
687: $P_{25}^{6},\ B_3 = 308$
688: $P_{14}^{4} \Rightarrow 101 \cdot 100669081 \cdot p_{45},\ B_1 = 254$
689: $p_{45}^{1} \Rightarrow 13 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 29^2 \cdot 31^2$
690: $p_{45}^{2} \Rightarrow 3 \cdot n,\ B_1 = 378;\ \ q^{4},\ B_3 = 378$
692: $P_{14}^{6} \Rightarrow 127 \cdot 379 \cdot p_{77},\ B_1 = 298$
693: $p_{77}^{1} \Rightarrow 191 \cdot n,\ B_1 = 377;\ \ q^{2},\ B_3 = 368$
695: $P_{14}^{10} \Rightarrow n,\ B_1 = 400;\ \ q^{12},\ B_2 = 325$
697: $p_{14}^{4} \Rightarrow 11 \cdot 41 \ldots,\ S\ \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 29 \cdot 31^2 \cdot 41^2$
698: $p_{14}^{6} \Rightarrow 29 \cdot 47079202116283 \cdot 417228610496524727817077889 1 \cdot P_{38},\ B_1 = 316$
699: $p_{14}^{10} \Rightarrow 23 \cdot n,\ B_1 = 347;\ \ q^{12},\ B_2 = 322$
701: $1024823381^{4} \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^2$
702: $1024823381^{6} \Rightarrow 7 \cdot 1471 \cdot 4271 \cdot 884081512427 \cdot P_{35},\ B_1 = 210$
703: $P_{35}^{2} \Rightarrow 3 \cdot 1777 \cdot 7731517 \cdot 132342307 \cdot 18366263737 \cdot p_{40},\ B_1 = 315$
704: $P_{35}^{4} \Rightarrow 11 \cdot 151 \ldots,\ S\ \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 29 \cdot 31^2 \cdot 127^2 \cdot 151^2$

705: $P_{35}^{6},\ B_2 = 413$

706: $1024823381^{10} \Rightarrow 67 \cdot 964754322902390744864555579994083 \cdot P_{56},\ B_1 = 320$

707: $1024823381^{12} \Rightarrow 1249 \cdot p_{106},\ B_1 = 276$

708: $p_{106}^{1} \Rightarrow 17 \cdot 211 \cdot n,\ B_1 = 384;\ \ q^2,\ B_2 = 420$

710: $1024823381^{16} \Rightarrow n,\ B_1 = 338;\ \ q^{18},\ B_2 = 324$

712: $1009^{10} \Rightarrow 617 \cdot 4647193 \cdot 16441151 \cdot p_{14},\ B_1 = 97$

713: $p_{14}^{1} \Rightarrow 3 \cdot 19 \cdot 43 \cdot 10987 \cdot 431203,\ B_1 = 123$

714: $431203^2 \Rightarrow 3 \cdot 61978819471,\ B_1 = 145$

715: $61978819471^2 \Rightarrow 3 \cdot 7 \cdot 101089 \cdot p_{16},\ B_1 = 188$

716: $p_{16}^{2} \Rightarrow 3 \cdot 7 \cdot 13 \ldots,\ S\ \ 3^6 \cdot 7^2 \cdot 13^2 \cdot 19^2 \cdot 31^2$

717: $p_{16}^{4} \Rightarrow 41 \ldots,\ S\ \ 3^6 \cdot 7^2 \cdot 19^2 \cdot 31^2 \cdot 41^2 \cdot 43^2 \cdot 127^2$

718: $p_{16}^{6} \Rightarrow n,\ B_1 = 340;\ \ q^{10},\ B_3 = 310$

720: $61978819471^4 \Rightarrow 5 \cdot 31 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 19^2 \cdot 31^2$

721: $61978819471^6 \Rightarrow 2339 \cdot 12601 \cdot 1091691030151 \cdot p_{46},\ B_1 = 317$

722: $61978819471^{10} \Rightarrow 23 \cdot n,\ B_1 = 340$

723: $61978819471^{12} \Rightarrow n,\ B_1 = 382;\ \ q^{16},\ B_2 = 345$

725: $431203^4 \Rightarrow 11 \cdot 58411 \cdot p_{17},\ B_1 = 179$

726: $p_{17}^{2} \Rightarrow 3 \cdot 3559 \cdot 12031297 \cdot P_{23},\ B_1 = 245$

727: $P_{23}^{2} \Rightarrow 3 \cdot 21613 \cdot 8998194379 \cdot p_{30},\ B_1 = 335$

728: $P_{23}^{4} \Rightarrow 31 \cdot n,\ B_1 = 378;\ \ q^6,\ B_3 = 335$

730: $p_{17}^{4} \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 11^2$

731: $p_{17}^{6} \Rightarrow n,\ B_1 = 347;\ \ q^{10},\ B_2 = 334$

733: $431203^6 \Rightarrow 71 \cdot 185984842583 \cdot p_{21},\ B_1 = 213$

734: $p_{21}^{2} \Rightarrow 3 \cdot 13 \cdot 19 \cdot 337 \cdot P_{36},\ B_1 = 292$

735: $P_{36}^{2} \Rightarrow 3 \cdot 7^2 \ldots,\ S\ \ 3^6 \cdot 7^2 \cdot 13^2 \cdot 19^2 \cdot 31^2$

736: $P_{36}^{4},\ B_3 = 364$

737: $p_{21}^{4} \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 11^2$

738: $p_{21}^{6} \Rightarrow 7 \cdot 29 \cdot 43 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 19^2 \cdot 29^2 \cdot 31^2 \cdot 43^2$

739: $p_{21}^{10},\ B_2 = 413$

740: $431203^{10} \Rightarrow 991 \cdot 10957 \cdot 339731471064435141631038 1 \cdot P_{25},\ B_1 = 281$

741: $P_{25}^{2} \Rightarrow 7 \cdot 19 \cdot 163 \cdot 379 \cdot n,\ B_1 = 335;\ \ q^4,\ B_3 = 330$

743: $431203^{12} \Rightarrow 79 \cdot 2417221 \cdot 608557729547 \cdot p_{48},\ B_1 = 315$

744: $431203^{16} \Rightarrow 1361 \cdot c_{88},\ B_1 = 295$

745: $1361^2 \Rightarrow 13 \cdot n,\ B_1 = 303;\ \ q^4,\ B_3 = 301$

747: $431203^{18} \Rightarrow 229 \cdot n,\ B_1 = 317$

748: $431203^{22} \Rightarrow 47 \cdot n,\ B_1 = 361;\ \ q^{28},\ B_2 = 315$

750: $p_{14}^{2} \Rightarrow 7 \cdot 5426779 \cdot P_{20},\ B_1 = 157$

751: $P_{20}^{2} \Rightarrow 3 \cdot 7 \cdot 43 \cdot 163 \cdot 465649 \cdot p_{28},\ B_1 = 211$

752: $p_{28}^{1} \Rightarrow 66037 \cdot 323441 \cdot p_{17},\ B_1 = 265$

753: $p_{17}^{2} \Rightarrow 121909 \cdot n,\ B_1 = 304$

754: $p_{17}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^2$

755: $p_{17}^{6},\ B_3 = 333$

756: $p_{28}^{2} \Rightarrow 3 \cdot 7 \cdot 31 \cdot 1195189 \cdot 19506889 \cdot p_{39},\ B_1 = 306$

757: $p_{28}^{4} \Rightarrow 11 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 31^2 \cdot 43^2$

758: $p_{28}^{6},\ B_3 = 342$

759: $P_{20}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^2$

760: $P_{20}^{6} \Rightarrow n,\ B_1 = 349;\ \ q^{10},\ B_2 = 383$

762: $p_{14}^{4} \Rightarrow 5 \cdot 45119171 \cdot 1081892014831 \cdot p_{34},\ B_1 = 211$

763: $p_{34}^{1} \Rightarrow 273801161 \cdot P_{25},\ B_1 = 276$

764: $P_{25}^{2} \Rightarrow 7 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

765: $P_{25}^{4},\ B_3 = 325$

766: $p_{34}^{2} \Rightarrow 3 \cdot 37 \cdot n,\ B_1 = 305;\ \ q^4,\ B_3 = 303$

768: $p_{14}^{6} \Rightarrow 29 \cdot 418295531931075804527154767 \cdot p_{53},\ B_1 = 272$

769: $p_{53}^{1} \Rightarrow 5 \cdot 17 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 17^2 \cdot 29^2 \cdot 31^2$

770: $p_{53}^{2},\ B_3 = 317$

771: $p_{14}^{10} \Rightarrow 11 \cdot n,\ B_1 = 345;\ \ q^{12},\ B_2 = 320$

773: $1009^{12} \Rightarrow 157 \cdot p_{34},\ B_1 = 94$

774: $p_{34}^{1} \Rightarrow 4583 \cdot 1682207 \cdot 29763857 \cdot p_{17},\ B_1 = 161$

775: $p_{17}^{2} \Rightarrow P_{33},\ B_1 = 226$

776: $P_{33}^{2} \Rightarrow 3 \cdot P_{65},\ B_1 = 356$

777: $P_{33}^{4} \Rightarrow 271 \cdot 311 \cdot n,\ B_1 = 425;\ \ q^{6},\ B_2 = 388$

779: $p_{17}^{4} \Rightarrow 5 \cdot 31 \cdot 491 \cdot 373861 \cdot 65092955968631 \cdot P_{41},\ B_1 = 320$

780: $p_{17}^{6} \Rightarrow 7 \cdot 29 \cdot n,\ B_1 = 326;\ \ q^{10},\ B_2 = 323$

782: $p_{34}^{2} \Rightarrow 3 \cdot 7 \cdot 4041205261 \cdot P_{57},\ B_1 = 254$

783: $P_{57}^{2} \Rightarrow 3 \cdot 43 \cdot 73 \cdot n,\ B_1 = 371;\ \ q^{4},\ B_2 = 454$

785: $p_{34}^{4} \Rightarrow 31 \cdot n,\ B_1 = 327;\ \ q^{6},\ B_2 = 406$

787: $1009^{16} \Rightarrow 137 \cdot 443 \cdot 1531 \cdot 83774233 \cdot 49276157093 \cdot p_{22},\ B_1 = 143$

788: $p_{22}^{1} \Rightarrow 5 \cdot 13 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 31^2$

789: $p_{22}^{2} \Rightarrow 3 \cdot 7 \cdot 61 \cdot 127 \cdot 7152367 \cdot P_{31},\ B_1 = 235$

790: $P_{31}^{2} \Rightarrow 3 \cdot 67 \cdot 284131 \cdot n,\ B_1 = 304$

791: $P_{31}^{4} \Rightarrow 101 \cdot 331 \cdot n,\ B_1 = 425;\ \ q^{6},\ B_2 = 370$

793: $p_{22}^{4} \Rightarrow 11 \cdot 6154111 \cdot p_{79},\ B_1 = 301$

794: $p_{22}^{6} \Rightarrow 29 \cdot n,\ B_1 = 370;\ \ q^{10},\ B_2 = 429$

796: $1009^{18} \Rightarrow 40260089 \cdot 91330330501 \cdot P_{36},\ B_1 = 171$

797: $P_{36}^{2} \Rightarrow 61 \cdot 823 \cdot 1434637 \cdot 1115761626186517425361 \cdot P_{40},\ B_1 = 303$

798: $P_{36}^{4} \Rightarrow 11 \cdot 31 \cdot 131 \cdot n,\ B_1 = 386;\ \ q^{6},\ B_2 = 426$

800: $1009^{22} \Rightarrow 139 \cdot 1013 \cdot 309811 \cdot P_{56},\ B_1 = 215$

801: $P_{56}^{2} \Rightarrow 3 \cdot n,\ B_1 = 327;\ \ q^{4},\ B_2 = 443$

803: $1009^{28} \Rightarrow 51853 \cdot 28995887047 \cdot 372167623433254467253131 49 \cdot P_{44},\ B_1 = 247$

804: $P_{44}^{2} \Rightarrow 7 \cdot 13 \cdot n,\ B_1 = 336;\ \ q^{4},\ B_2 = 346$

806: $1009^{30} \Rightarrow 2401104071 \cdot 57643774229 \cdot 17459400920798357 \cdot p_{54},\ B_1 = 237$

807: $p_{54}^{1} \Rightarrow 3^2 \cdot 41 \cdot 448918291337 \cdot n,\ B_1 = 303$

808: $p_{54}^{2} \Rightarrow 331 \cdot n,\ B_1 = 384;\ \ q^{4},\ B_2 = 429$

810: $1009^{36} \Rightarrow 921941803 \cdot P_{100},\ B_1 = 342$

811: $1009^{40} \Rightarrow 739 \cdot 2882613077 \cdot 163580125889 \cdot c_{97},\ B_1 = 273$

812: $163580125889^{1} \Rightarrow 3 \cdot 5 \cdot 19 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 19^2 \cdot 31^2$

813: $163580125889^{2} \Rightarrow 2113 \cdot 714994759 \cdot 17711637733,\ B_1 = 319$

814: $163580125889^{4} \Rightarrow 11 \cdot 281 \cdot n,\ B_1 = 345;\ \ q^{6},\ B_3 = 319$

816: $1009^{42} \Rightarrow 378977366137 11130258763 \cdot c_{104},\ B_1 = 293$

817: $P_{23}^{2} \Rightarrow 181 \cdot n,\ B_1 = 340;\ \ q^{4},\ B_3 = 338$

819: $1009^{46} \Rightarrow 177473 \cdot P_{133},\ B_1 = 429;\ \ q^{52},\ B_2 = 312$

821: $5419^{4} \Rightarrow 1031 \cdot 836561914831,\ B_1 = 49$

822: $836561914831^{2} \Rightarrow 3 \cdot 109 \cdot 6157549 \cdot P_{15},\ B_1 = 89$

823: $P_{15}^{2} \Rightarrow 3 \cdot 7^2 \cdot 61 \cdot 2377 \cdot 20143639 \cdot p_{15},\ B_1 = 138$

824: $p_{15}^{1} \Rightarrow 42299 \cdot 3325881113,\ B_1 = 167$

825: $3325881113^{2} \Rightarrow 7 \cdot 13 \cdot 19 \ldots,\ S\ \ 3^4 \cdot 7^4 \cdot 13^2 \cdot 19^2 \cdot 61^2$

826: $3325881113^{4} \Rightarrow 11 \cdot 31 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 31^2 \cdot 61^2$

827: $3325881113^{6} \Rightarrow 501329893137 43981 \cdot P_{41},\ B_1 = 319$

828: $3325881113^{10} \Rightarrow n,\ B_1 = 338$

829: $3325881113^{12} \Rightarrow 53 \cdot 911 \cdot n,\ B_1 = 381;\ \ q^{16},\ B_2 = 304$

831: $p_{15}^{2} \Rightarrow 3 \cdot 61 \cdot 127 \cdot P_{25},\ B_1 = 195$

832: $P_{25}^{2} \Rightarrow 3 \cdot 109 \cdot 13219 \cdot p_{43},\ B_1 = 253$

833: $p_{43}^{1} \Rightarrow 7 \cdot 23 \cdot 463797723241 \cdot P_{29},\ B_1 = 338$

834: $p_{43}^{2} \Rightarrow 3 \cdot n,\ B_1 = 373;\ \ q^{4},\ B_3 = 374$

836: $P_{25}^{4} \Rightarrow n,\ B_1 = 342$

837: $P_{25}^{6} \Rightarrow n,\ B_1 = 440;\ \ q^{10},\ B_2 = 490$

839: $p_{15}^{4} \Rightarrow 211 \cdot 381481 \cdot 5149146324851 \cdot p_{38},\ B_1 = 260$

840: $p_{38}^{1} \Rightarrow 73 \cdot 811 \cdot n,\ B_1 = 302$

$p_{38}^2 \Rightarrow 3\cdot 7\cdot 181\cdot n,\ B_1 = 367;\ \ q^4,\ B_3 = 365$

$p_{15}^6 \Rightarrow 71\cdot 10893028441\cdot 1111274682832819\cdot P_{60},\ B_1 = 374$

$p_{15}^{10} \Rightarrow 23\cdot 419\cdot n,\ B_1 = 410;\ \ q^{12},\ B_2 = 346$

$P_{15}^4 \Rightarrow 5\cdot 11\cdot 170761\cdot P_{52},\ B_1 = 235$

$P_{52}^2 \Rightarrow n,\ B_1 = 337;\ \ q^4,\ B_2 = 409$

$P_{15}^6 \Rightarrow 4573633\cdot 175010608151\cdot 96187110422490505321\cdot P_{50},\ B_1 = 309$

$P_{15}^{10} \Rightarrow 23\cdot 617\cdot 683\cdot n,\ B_1 = 358;\ \ q^{12},\ B_2 = 348$

$836561914831^4 \Rightarrow 5\cdot 11\cdot 61\cdot 401\cdot 14693608681\cdot P_{32},\ B_1 = 159$

$P_{32}^2 \Rightarrow 3\cdot 1123\cdot 21817\cdot 456007\cdot 14893879212073\cdot P_{37},\ B_1 = 280$

$P_{37}^2 \Rightarrow 3\ldots,\ S\ \ 3^4\cdot 5\cdot 11^2\cdot 61^2$

$P_{37}^4,\ B_3 = 352$

$P_{32}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 11^2\cdot 61$

$P_{32}^6,\ B_2 = 376$

$836561914831^6 \Rightarrow 18839057791\cdot 63028576688266141\cdot P_{45},\ B_1 = 223$

$P_{45}^2 \Rightarrow 3\cdot 43\cdot n,\ B_1 = 314;\ \ q^4,\ B_2 = 355$

$836561914831^{10} \Rightarrow 23^2\cdot 89\cdot 4698885718047533\cdot p_{99},\ B_1 = 282$

$p_{99}^1 \Rightarrow 3\cdot 463\cdot n,\ B_1 = 382;\ \ q^2,\ B_2 = 395$

$836561914831^{12} \Rightarrow 53\cdot 157\cdot n,\ B_1 = 313;\ \ q^{16},\ B_2 = 381$

$5419^6 \Rightarrow 7\cdot 29\cdot 211\cdot 1499\cdot 475483\cdot 829621381,\ B_1 = 63$

$829621381^1 \Rightarrow 414810691,\ B_1 = 80$

$414810691^2 \Rightarrow 3\cdot 13^2\cdot 3559\cdot 95359493521,\ B_1 = 111$

$95359493521^2 \Rightarrow 3\cdot 103\cdot 271\ldots,\ S\ \ 3^4\cdot 7^2\cdot 13^2\cdot 29^2\cdot 103^2\cdot 127^2\cdot 211^2\cdot 271^2$

$95359493521^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^2$

$95359493521^6 \Rightarrow 20206691\cdot 335255719\cdot P_{51},\ B_1 = 287$

$P_{51}^2 \Rightarrow 13\cdot n,\ B_1 = 388;\ \ q^4,\ B_2 = 400$

$95359493521^{10} \Rightarrow 23\cdot n,\ B_1 = 310$

$95359493521^{12} \Rightarrow 937\cdot n,\ B_1 = 356;\ \ q^{16},\ B_2 = 351$

$414810691^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^2$

$414810691^6 \Rightarrow 7\cdot 43\cdot 16703\cdot 81193351\cdot 213991755624069403\cdot P_{20},\ B_1 = 216$

$P_{20}^2 \Rightarrow 877\cdot 153991\cdot 2737219\cdot p_{25},\ B_1 = 295$

$p_{25}^2 \Rightarrow 3\cdot 7\cdot 31\cdot n,\ B_1 = 347;\ \ q^4,\ B_3 = 345$

$P_{20}^4 \Rightarrow n,\ B_1 = 335$

$P_{20}^6 \Rightarrow 7\cdot 757\cdot n,\ B_1 = 418;\ \ q^{10},\ B_2 = 395$

$414810691^{10} \Rightarrow 331\cdot 2531\cdot p_{81},\ B_1 = 321$

$414810691^{12} \Rightarrow 39177100120524640609 2493\cdot c_{80},\ B_1 = 293$

$p_{24}^2 \Rightarrow 3\cdot 7\cdot n,\ B_1 = 339;\ \ q^4,\ B_3 = 341$

$414810691^{16} \Rightarrow 307\cdot n,\ B_1 = 341;\ \ q^{18},\ B_2 = 310$

$829621381^2 \Rightarrow 3\cdot 1483\cdot P_{15},\ B_1 = 105$

$P_{15}^2 \Rightarrow 3\cdot 19\cdot 67\cdot P_{25},\ B_1 = 162$

$P_{25}^2 \Rightarrow 3\cdot 7\cdot 1723\cdot 677915644436340859853\cdot P_{26},\ B_1 = 240$

$P_{26}^2 \Rightarrow 3\cdot 11161644465583\cdot p_{37},\ B_1 = 324$

$P_{26}^4 \Rightarrow 31^2\ldots,\ S\ \ 3^4\cdot 7^2\cdot 19^2\cdot 29\cdot 31^2\cdot 67^2\cdot 127^2$

$P_{26}^6,\ B_3 = 341$

$P_{25}^4 \Rightarrow 11\ldots,\ S\ \ 3^4\cdot 7^2\cdot 11^2\cdot 19^2$

$P_{25}^6 \Rightarrow 113\cdot 211\cdot n,\ B_1 = 409;\ \ q^{10},\ B_2 = 495$

$P_{15}^4 \Rightarrow 821\cdot 7321\cdot 11623389313512671\cdot 71734966884722111\cdot p_{18},\ B_1 = 231$

$p_{18}^1 \Rightarrow 17\cdot 8308753\cdot 404573891,\ B_1 = 265$

$404573891^2 \Rightarrow 43\cdot 1063\cdot 1612183\cdot 2221159,\ B_1 = 299$

$2221159^2 \Rightarrow 3\cdot n,\ B_1 = 313;\ \ q^4,\ B_3 = 312$

$404573891^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^2$

$404573891^6 \Rightarrow 7\cdot 29\cdot 967\cdot n,\ B_1 = 352;\ \ q^{10},\ B_3 = 334$

$p_{18}^2 \Rightarrow 3\cdot 6231037\cdot p_{27},\ B_1 = 290$

$p_{27}^1 \Rightarrow 137\cdot 277\cdot n,\ B_1 = 321;\ \ q^2,\ B_3 = 310$

$p_{18}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5\cdot 7^2$

$p_{18}^6,\ B_3 = 313$

$P_{15}^6 \Rightarrow 43 \cdot 631 \cdot 45697 \cdot 7228570959808507 \cdot P_{61},\ B_1 = 329$

$P_{15}^{10} \Rightarrow n,\ B_1 = 361;\ \ q^{12},\ B_2 = 340$

$829621381^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^2$

$829621381^6 \Rightarrow 7 \cdot 29 \cdot 43 \cdot 1363433 \cdot P_{44},\ B_1 = 204$

$P_{44}^2 \Rightarrow 3 \cdot 37 \cdot 14724956813527748707 \cdot p_{66},\ B_1 = 317;\ \ q^4,\ B_2 = 347$

$829621381^{10} \Rightarrow 1615783709 \cdot 238823482789 \cdot 704563161160251819421 7 \cdot P_{47},\ B_1 = 300$

$829621381^{12} \Rightarrow 131 \cdot 136419890620670281 \cdot P_{88},\ B_1 = 358$

$829621381^{16} \Rightarrow 239 \cdot n,\ B_1 = 340;\ \ q^{18},\ B_2 = 321$

$5419^{10} \Rightarrow 67 \cdot 33287 \cdot 274121 \cdot 43038337 \cdot p_{18},\ B_1 = 99$

$p_{18}^1 \Rightarrow 3 \cdot 5101 \cdot P_{14},\ B_1 = 133$

$P_{14}^2 \Rightarrow 7 \cdot 79 \cdot 139 \cdot 283 \cdot 1471 \cdot P_{17},\ B_1 = 187$

$P_{17}^2 \Rightarrow 3 \cdot 181 \cdot 11779 \cdot p_{26},\ B_1 = 252$

$p_{26}^2 \Rightarrow 3 \cdot 7 \cdot n,\ B_1 = 303;\ \ q^4,\ B_3 = 304$

$P_{17}^4 \Rightarrow 11 \cdot 211 \cdot 18541 \cdot 444288281 \cdot n,\ B_1 = 301$

$P_{17}^6 \Rightarrow 7 \cdot 239 \cdot n,\ B_1 = 352;\ \ q^{10},\ B_2 = 327$

$P_{14}^4 \Rightarrow 214498411 \cdot 616591767271 \cdot 9438197072471 \cdot P_{21},\ B_1 = 267$

$P_{21}^2 \Rightarrow 61 \cdot 223 \cdot n,\ B_1 = 313;\ \ q^4,\ B_3 = 309$

$P_{14}^6 \Rightarrow 29 \cdot 1652141 \cdot 16551025079 \cdot 388651149984019343 \cdot p_{46},\ B_1 = 348$

$P_{14}^{10} \Rightarrow n,\ B_1 = 375;\ \ q^{12},\ B_2 = 322$

$p_{18}^2 \Rightarrow 24675748729 \cdot P_{26},\ B_1 = 178$

$P_{26}^2 \Rightarrow 3 \cdot 3187 \cdot 20161 \cdot 595057 \cdot 11597263 \cdot P_{30},\ B_1 = 279$

$P_{30}^2 \Rightarrow 3 \cdot n,\ B_1 = 339;\ \ q^4,\ B_3 = 338$

$P_{26}^4 \Rightarrow 11 \cdot 191 \cdot n,\ B_1 = 334;\ \ q^6,\ B_2 = 305$

$p_{18}^4 \Rightarrow 31 \cdot 101 \cdot 371851 \cdot 60192071 \cdot P_{55},\ B_1 = 288$

$P_{55}^2 \Rightarrow 3 \cdot n,\ B_1 = 397;\ \ q^4,\ B_2 = 438$

$p_{18}^6 \Rightarrow 43 \cdot 5783 \cdot 8368123 \cdot n,\ B_1 = 301;\ \ q^{10},\ B_2 = 358$

$5419^{12} \Rightarrow 53 \cdot 12136610669 \cdot p_{33},\ B_1 = 106$

$p_{33}^1 \Rightarrow p_{33},\ B_1 = 171$

$p_{33}^2 \Rightarrow 3 \cdot 283 \cdot 38593 \cdot 504073 \cdot 155088217 \cdot 2326175857 \cdot P_{35},\ B_1 = 301$

$p_{33}^4 \Rightarrow 31 \cdot 271 \cdot n,\ B_1 = 372;\ \ q^6,\ B_2 = 392$

$p_{33}^2 \Rightarrow 3 \cdot 34841260183 \cdot 27297408464401 \cdot P_{42},\ B_1 = 257$

$P_{42}^2 \Rightarrow 3 \cdot n,\ B_1 = 340;\ \ q^4,\ B_3 = 340$

$p_{33}^4 \Rightarrow 11 \cdot 71 \cdot 131 \cdot 401 \cdot n,\ B_1 = 335;\ \ q^6,\ B_2 = 395$

$5419^{16} \Rightarrow 1327 \cdot 141101 \cdot 23665157 \cdot P_{45},\ B_1 = 177$

$P_{45}^2 \Rightarrow 7 \cdot 35329210381 \cdot 29536701733910029 \cdot P_{61},\ B_1 = 344;\ \ q^4,\ B_2 = 352$

$5419^{18} \Rightarrow 4561 \cdot 7487 \cdot P_{60},\ B_1 = 203$

$P_{60}^2 \Rightarrow n,\ B_1 = 322;\ \ q^4,\ B_2 = 477$

$5419^{22} \Rightarrow 47 \cdot 461 \cdot 389437 \cdot 331246831626141717 99155896909 \cdot P_{44},\ B_1 = 223$

$P_{44}^2 \Rightarrow 19 \cdot 439 \cdot n,\ B_1 = 314;\ \ q^4,\ B_2 = 349$

$5419^{28} \Rightarrow p_{105},\ B_1 = 214$

$p_{105}^1 \Rightarrow 3 \cdot n,\ B_1 = 318;\ \ q^2,\ B_2 = 418$

$5419^{30} \Rightarrow 1489 \cdot 6263 \cdot 184390479319 \cdot p_{94},\ B_1 = 247$

$p_{94}^1 \Rightarrow 3 \cdot 11 \cdot 13 \cdot 71 \cdot 283 \cdot 773 \cdot n,\ B_1 = 349;\ \ q^2,\ B_2 = 375$

$5419^{36} \Rightarrow p_{135},\ B_1 = 274$

$p_{135}^1 \Rightarrow 11 \cdot n,\ B_1 = 409;\ \ q^2,\ B_2 = 537$

$5419^{40} \Rightarrow n,\ B_1 = 303;\ \ q^{42},\ B_2 = 313$

$127^4 \Rightarrow 262209281,\ B_1 = 16$

$262209281^1 \Rightarrow 3 \cdot 3137 \cdot 13931,\ B_1 = 33$

$13931^2 \Rightarrow 194086693,\ B_1 = 49$

$194086693^2 \Rightarrow 3 \cdot 12277 \cdot 740989 \cdot 1380277,\ B_1 = 81$

$740989^2 \Rightarrow 3 \cdot 7 \cdot 151 \cdot 223 \cdot 776467,\ B_1 = 105$

$776467^2 \Rightarrow 3 \cdot 13 \cdot 79 \cdot 601 \cdot 325597,\ B_1 = 127$

$325597^2 \Rightarrow 3 \cdot 35337910669,\ B_1 = 149$

987: $35337910669^{2} \Rightarrow 3 \cdot 13^{2} \cdot 1831 \cdot 2196541 \cdot 612415423,\ B_1 = 188$

988: $612415423^{2} \Rightarrow 3 \cdot 7 \cdot 13 \cdot 43 \ldots,\ S\ \ 3^{8} \cdot 7^{2} \cdot 13^{4} \cdot 43^{2} \cdot 79^{2} \cdot 127^{4} \cdot 151^{2} \cdot 223^{2} \cdot 601^{2}$

989: $612415423^{4} \Rightarrow 11 \ldots,\ S\ \ 3^{6} \cdot 7^{2} \cdot 11^{2} \cdot 13^{4}$

990: $612415423^{6} \Rightarrow 463 \cdot 673 \cdot 665300560792001 \cdot P_{33},\ B_1 = 329$

991: $612415423^{10} \Rightarrow 23 \ldots,\ S\ \ 3^{6} \cdot 7^{2} \cdot 13^{4} \cdot 23^{2} \cdot 79^{2}$

992: $612415423^{12} \Rightarrow 313 \cdot n,\ B_1 = 384;\ \ q^{16},\ B_3 = 312$

994: $35337910669^{4} \Rightarrow p_{43},\ B_1 = 255$

995: $p_{43}^{2} \Rightarrow 7^{2} \cdot 37 \ldots,\ S\ \ 3^{6} \cdot 7^{4} \cdot 13^{2} \cdot 37^{2} \cdot 79^{2} \cdot 127^{4} \cdot 151^{2}$

996: $p_{43}^{4},\ B_3 = 339$

997: $35337910669^{6} \Rightarrow 71 \cdot 844243 \cdot 75660383 \cdot p_{48},\ B_1 = 318$

998: $35337910669^{10} \Rightarrow n,\ B_1 = 339$

999: $35337910669^{12} \Rightarrow n,\ B_1 = 382;\ \ q^{16},\ B_2 = 337$

1001: $325597^{4} \Rightarrow 31 \cdot 41 \ldots,\ S\ \ 3^{4} \cdot 7^{2} \cdot 13^{2} \cdot 31^{2} \cdot 41^{2} \cdot 79^{2}$

1002: $325597^{6} \Rightarrow 1229576892433 \cdot P_{21},\ B_1 = 216$

1003: $P_{21}^{2} \Rightarrow 3 \cdot 79 \cdot 37021 \cdot 2536980012386000 29 \cdot p_{18},\ B_1 = 296$

1004: $p_{18}^{2} \Rightarrow 3 \cdot 7 \cdot 313 \cdot n,\ B_1 = 332;\ \ q^{4},\ B_3 = 331$

1006: $P_{21}^{4} \Rightarrow 11 \ldots,\ S\ \ 3^{4} \cdot 7^{2} \cdot 11^{2} \cdot 13^{2}$

1007: $P_{21}^{6},\ B_3 = 300$

1008: $325597^{10} \Rightarrow 23 \ldots,\ S\ \ 3^{4} \cdot 7^{2} \cdot 13^{2} \cdot 23^{2} \cdot 79^{2} \cdot 127^{4}$

1009: $325597^{12} \Rightarrow 79 \cdot 131 \cdot 348323 \cdot 46286839 \cdot 174059645189 \cdot p_{38},\ B_1 = 311$

1010: $325597^{16} \Rightarrow 103 \cdot 14723 \cdot 3428833 \cdot n,\ B_1 = 306$

1011: $325597^{18} \Rightarrow n,\ B_1 = 315$

1012: $325597^{22} \Rightarrow 47^{2} \cdot n,\ B_1 = 359;\ \ q^{28},\ B_2 = 308$

1014: $776467^{4} \Rightarrow 1831 \cdot 174631 \cdot p_{16},\ B_1 = 164$

1015: $p_{16}^{2} \Rightarrow 25759 \cdot 30687997 \cdot p_{19},\ B_1 = 224$

1016: $p_{19}^{2} \Rightarrow 3 \cdot 61 \cdot 1291 \cdot 1303 \cdot p_{28},\ B_1 = 296$

1017: $p_{28}^{2} \Rightarrow 3 \cdot 37 \cdot n,\ B_1 = 354;\ \ q^{4},\ B_3 = 352$

1019: $p_{19}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^{4} \cdot 5^{2} \cdot 7^{2}$

1020: $p_{19}^{6} \Rightarrow 7 \cdot n,\ B_1 = 405;\ \ q^{10},\ B_3 = 370$

1022: $p_{16}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^{4} \cdot 5^{2} \cdot 7^{2}$

1023: $p_{16}^{6} \Rightarrow 7 \cdot 29 \cdot 43 \cdot n,\ B_1 = 317;\ \ q^{10},\ B_2 = 301$

1025: $776467^{6} \Rightarrow 43 \cdot 15149 \cdot P_{30},\ B_1 = 199$

1026: $P_{30}^{2} \Rightarrow 13 \cdot 139 \cdot 1621 \cdot 3163 \cdot 5675971338880149007 \cdot P_{31},\ B_1 = 317$

1027: $P_{30}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^{4} \cdot 5^{2} \cdot 7^{2}$

1028: $P_{30}^{6},\ B_2 = 354$

1029: $776467^{10} \Rightarrow 2267 \cdot 29063 \cdot 5147170799 \cdot 7373587925309 \cdot P_{29},\ B_1 = 270$

1030: $P_{29}^{2} \Rightarrow 7 \cdot 43 \cdot n,\ B_1 = 328;\ \ q^{4},\ B_3 = 327$

1032: $776467^{12} \Rightarrow 3797 \cdot 11701 \cdot 326951 \cdot P_{58},\ B_1 = 305$

1033: $776467^{16} \Rightarrow 137 \cdot 307 \cdot 647 \cdot 1021 \cdot 266376673 \cdot 591120801179 \cdot n,\ B_1 = 312$

1034: $776467^{18} \Rightarrow 191 \cdot 419 \cdot n,\ B_1 = 310$

1035: $776467^{22} \Rightarrow 47 \cdot n,\ B_1 = 354;\ \ q^{28},\ B_2 = 329$

1037: $740989^{4} \Rightarrow 41 \cdot 131 \cdot 1531 \cdot 42701 \cdot 858576981721,\ B_1 = 140$

1038: $858576981721^{2} \Rightarrow 3 \cdot 7 \cdot P_{23},\ B_1 = 188$

1039: $P_{23}^{2} \Rightarrow 3 \cdot 7 \cdot 7129 \cdot 7085041 \cdot p_{34},\ B_1 = 275$

1040: $p_{34}^{2} \Rightarrow 3 \cdot n,\ B_1 = 342;\ \ q^{4},\ B_3 = 341$

1042: $P_{23}^{4} \Rightarrow 11 \cdot n,\ B_1 = 324$

1043: $P_{23}^{6} \Rightarrow n,\ B_1 = 413;\ \ q^{10},\ B_2 = 450$

1045: $858576981721^{4} \Rightarrow 5 \cdot 34061 \cdot 16639345061 \cdot 2128693124521 \cdot p_{20},\ B_1 = 259$

1046: $p_{20}^{2} \Rightarrow 3 \cdot 19^{2} \ldots,\ S\ \ 3^{4} \cdot 5^{2} \cdot 19^{2} \cdot 41^{2}$

1047: $p_{20}^{4} \Rightarrow 5 \cdot 11 \cdot 31 \ldots,\ S\ \ 3^{2} \cdot 5^{2} \cdot 11^{2} \cdot 31^{2}$

1048: $p_{20}^{6},\ B_3 = 339$

1049: $858576981721^{6} \Rightarrow 1373 \cdot 1709 \cdot 92492748013 \cdot$
$57238449700587370 0961 \cdot P_{34},\ B_1 = 331$

1050: $858576981721^{10} \Rightarrow n,\ B_1 = 355$

$$858576981721^{12} \Rightarrow 677 \cdot n,\ B_1 = 405;\ \ q^{16},\ B_2 = 381$$
$$740989^{6} \Rightarrow 953 \cdot 34702823 \cdot p_{25},\ B_1 = 175$$
$$p_{25}^{2} \Rightarrow 3 \cdot 179391613 \cdot 60645952897 \cdot p_{30},\ B_1 = 274$$
$$p_{30}^{2} \Rightarrow 3 \cdot 103 \cdot 157 \cdot n,\ B_1 = 338;\ \ q^{4},\ B_3 = 334$$
$$p_{25}^{4} \Rightarrow 11 \cdot n,\ B_1 = 324$$
$$p_{25}^{6} \Rightarrow 7 \cdot n,\ B_1 = 423;\ \ q^{10},\ B_2 = 493$$
$$740989^{10} \Rightarrow 89 \cdot 1013 \cdot 3301 \cdot P_{51},\ B_1 = 246$$
$$P_{51}^{2} \Rightarrow 43 \cdot 61 \cdot 541 \cdot n,\ B_1 = 352;\ \ q^{4},\ B_2 = 401$$
$$740989^{12} \Rightarrow 53 \cdot 7886321 \cdot 34119047 \cdot 259445749212391185621804017 \cdot P_{28},\ B_1 = 281$$
$$P_{28}^{2} \Rightarrow 3 \cdot n,\ B_1 = 337;\ \ q^{4},\ B_3 = 337$$
$$740989^{16} \Rightarrow 29717 \cdot 70687 \cdot 7218682297480444436504851259 \cdot p_{58},\ B_1 = 351$$
$$740989^{18} \Rightarrow 56431 \cdot 481501514089 \cdot 7262413502401 \cdot p_{77},\ B_1 = 387$$
$$740989^{22} \Rightarrow 47 \cdot n,\ B_1 = 330;\ \ q^{28},\ B_2 = 328$$
$$194086693^{4} \Rightarrow 11 \cdot 31 \cdot 91411 \cdot 297841 \cdot 817170061 \cdot 187039475551,\ B_1 = 132$$
$$187039475551^{2} \Rightarrow 3 \cdot 487 \cdot 3049 \cdot 4219 \cdot P_{13},\ B_1 = 176$$
$$P_{13}^{2} \Rightarrow 3 \cdot 14737117 \cdot P_{17},\ B_1 = 225$$
$$P_{17}^{2} \Rightarrow 3 \cdot 1669 \cdot P_{31},\ B_1 = 292$$
$$P_{31}^{2} \Rightarrow 3 \cdot n,\ B_1 = 353;\ \ q^{4},\ B_3 = 352$$
$$P_{17}^{4} \Rightarrow 41 \cdot n,\ B_1 = 328$$
$$P_{17}^{6} \Rightarrow n,\ B_1 = 394;\ \ q^{10},\ B_3 = 360$$
$$P_{13}^{4} \Rightarrow 31 \cdot 191 \cdot 211 \cdot 50629781 \cdot P_{36},\ B_1 = 296$$
$$P_{36}^{2} \Rightarrow 7 \cdot n,\ B_1 = 367;\ \ q^{4},\ B_3 = 366$$
$$P_{13}^{6} \Rightarrow 29 \cdot 617 \cdot n,\ B_1 = 303$$
$$P_{13}^{10} \Rightarrow 11 \cdot n,\ B_1 = 396$$
$$P_{13}^{12} \Rightarrow n,\ B_1 = 446;\ \ q^{16},\ B_2 = 392$$
$$187039475551^{4} \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$$
$$187039475551^{6} \Rightarrow 43 \cdot 11725981 \cdot P_{59},\ B_1 = 312$$
$$187039475551^{10} \Rightarrow 89 \cdot 419 \cdot 683 \cdot n,\ B_1 = 342$$
$$187039475551^{12} \Rightarrow n,\ B_1 = 380;\ \ q^{16},\ B_2 = 360$$
$$194086693^{6} \Rightarrow 18195851983 \cdot 286213971463 01 \cdot p_{27},\ B_1 = 182$$
$$p_{27}^{2} \Rightarrow P_{53},\ B_1 = 286$$
$$P_{53}^{2} \Rightarrow 3 \cdot 37 \cdot n,\ B_1 = 391;\ \ q^{4},\ B_2 = 416$$
$$p_{27}^{4} \Rightarrow 5 \cdot 31^2 \cdot 181 \cdot n,\ B_1 = 341;\ \ q^{6},\ B_2 = 312$$
$$194086693^{10} \Rightarrow 89 \cdot 63689666745116809 \cdot P_{65},\ B_1 = 281$$
$$P_{65}^{2} \Rightarrow 3 \cdot 7 \cdot 19 \cdot n,\ B_1 = 411;\ \ q^{4},\ B_2 = 513$$
$$194086693^{12} \Rightarrow 79 \cdot 157 \cdot 385940491 \cdot p_{87},\ B_1 = 331$$
$$194086693^{16} \Rightarrow 239 \cdot n,\ B_1 = 300$$
$$194086693^{18} \Rightarrow n,\ B_1 = 331;\ \ q^{22},\ B_2 = 364$$
$$13931^{4} \Rightarrow 5 \cdot 11 \cdot 491 \cdot p_{13},\ B_1 = 74$$
$$p_{13}^{2} \Rightarrow 7 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$$
$$p_{13}^{4} \Rightarrow 5 \cdot 11 \cdot 151 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 127^4 \cdot 151^2 \cdot 491^2$$
$$p_{13}^{6} \Rightarrow 39719 \cdot p_{69},\ B_1 = 268$$
$$p_{69}^{2} \Rightarrow n,\ B_1 = 405;\ \ q^{4},\ B_2 = 546$$
$$p_{13}^{10} \Rightarrow 23 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 23^2$$
$$p_{13}^{12} \Rightarrow n,\ B_1 = 341;\ \ q^{16},\ B_2 = 388$$
$$13931^{6} \Rightarrow 7 \cdot 3658159 \cdot p_{18},\ B_1 = 99$$
$$p_{18}^{2} \Rightarrow 3 \cdot 109 \cdot 6178241683 \cdot P_{23},\ B_1 = 168$$
$$P_{23}^{2} \Rightarrow 3 \cdot 13 \cdot 61507 \cdot p_{39},\ B_1 = 258$$
$$p_{39}^{2} \Rightarrow 3 \cdot 31 \cdot n,\ B_1 = 337;\ \ q^{4},\ B_3 = 336$$
$$P_{23}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$$
$$P_{23}^{6} \Rightarrow 29 \cdot n,\ B_1 = 395;\ \ q^{10},\ B_2 = 452$$
$$p_{18}^{4} \Rightarrow 31 \cdot 61 \cdot 38431 \cdot 394501 \cdot 6044981 \cdot 226379680511 \cdot P_{39},\ B_1 = 273$$
$$P_{39}^{2} \Rightarrow n,\ B_1 = 350;\ \ q^{4},\ B_3 = 350$$
$$p_{18}^{6} \Rightarrow 7 \cdot 43 \cdot 2269 \cdot 2857 \cdot c_{96},\ B_1 = 281$$

1125: $2857^2 \Rightarrow 3\cdot 19\cdot 31\cdot 4621,\ B_1 = 294$
1126: $4621^2 \Rightarrow 3\cdot n,\ B_1 = 302;\ q^4,\ B_3 = 301$
1128: $2857^4 \Rightarrow n,\ B_1 = 302$
1129: $2857^6 \Rightarrow 7\cdot n,\ B_1 = 316;\ q^{10},\ B_3 = 309$
1131: $p_{18}^{10},\ B_2 = 349$
1132: $13931^{10} \Rightarrow 23^3\cdot 67\cdot 6733\cdot 200822829241\cdot p_{21},\ B_1 = 146$
1133: $p_{21}^2 \Rightarrow 37\cdot 612637\cdot 36023763577\cdot P_{23},\ B_1 = 227$
1134: $P_{23}^2 \Rightarrow 3\cdot P_{46},\ B_1 = 318$
1135: $P_{23}^4 \Rightarrow 5\cdot n,\ B_1 = 365;\ q^6,\ B_3 = 319$
1137: $p_{21}^4 \Rightarrow 31\cdot 147311\cdot 342341\cdot 278556835167700751\cdot P_{52},\ B_1 = 350$
1138: $p_{21}^6 \Rightarrow 7\cdot n,\ B_1 = 351;\ q^{10},\ B_2 = 407$
1140: $13931^{12} \Rightarrow 131\cdot P_{48},\ B_1 = 173$
1141: $P_{48}^2 \Rightarrow 7\cdot 21684901087\cdot 180317083400820607\cdot$
$2806384968497537261594892511\cdot p_{40},\ B_1 = 364;\ q^4,\ B_2 = 380$
1143: $13931^{16} \Rightarrow 409\cdot p_{64},\ B_1 = 223$
1144: $p_{64}^2 \Rightarrow 3\cdot 199\cdot n,\ B_1 = 352;\ q^4,\ B_2 = 509$
1146: $13931^{18} \Rightarrow 761\cdot 2243\cdot 61637\cdot 2278747\cdot 6393083\cdot 2092671185781216983 17\cdot P_{31},\ B_1 = 248$
1147: $P_{31}^2 \Rightarrow 3\cdot n,\ B_1 = 308;\ q^4,\ B_3 = 308$
1149: $13931^{22} \Rightarrow 7039\cdot 53591\cdot 20094089\cdot 65549923545287\cdot$
$882424781136420042175221041\cdot P_{35},\ B_1 = 298$
1150: $P_{35}^2 \Rightarrow 3\cdot 631\cdot n,\ B_1 = 369;\ q^4,\ B_3 = 367$
1152: $13931^{28} \Rightarrow 59\cdot 233\cdot 723686871533\cdot c_{101},\ B_1 = 272$
1153: $723686871533^2 \Rightarrow 4057\cdot P_{21},\ B_1 = 320$
1154: $723686871533^4 \Rightarrow 101\cdot 631\cdot n,\ B_1 = 348;\ q^6,\ B_3 = 320$
1156: $13931^{30} \Rightarrow 4960807\cdot 536701327\cdot 1319008032883\cdot n,\ B_1 = 300$
1157: $13931^{36} \Rightarrow 223\cdot n,\ B_1 = 325;\ q^{40},\ B_2 = 331$
1159: $262209281^2 \Rightarrow 13\cdot 1231\cdot p_{13},\ B_1 = 46$
1160: $p_{13}^1 \Rightarrow 17443\cdot 123152587,\ B_1 = 70$
1161: $123152587^2 \Rightarrow 3\cdot 379\cdot p_{14},\ B_1 = 103$
1162: $p_{14}^2 \Rightarrow 3\cdot 43\cdot 17491\cdot 93979\cdot P_{15},\ B_1 = 154$
1163: $P_{15}^2 \Rightarrow 3\cdot 13\cdot 151\cdot 397\cdot 4549\cdot 42232441\cdot p_{13},\ B_1 = 212$
1164: $p_{13}^2 \Rightarrow 3\cdot 9433\cdot 17791\cdot 96199\cdot 50738998441,\ B_1 = 260$
1165: $50738998441^2 \Rightarrow 3\cdot 571\cdot 4363\cdot p_{15},\ B_1 = 302$
1166: $50738998441^4 \Rightarrow 5\ldots,\ S\ \ 3^4\cdot 5^2\cdot 13^2$
1167: $50738998441^6,\ B_3 = 302$
1168: $p_{13}^4 \Rightarrow 11\cdot 57386848591691\cdot n,\ B_1 = 300$
1169: $p_{13}^6 \Rightarrow 29\cdot n,\ B_1 = 335;\ q^{10},\ B_3 = 309$
1171: $P_{15}^4 \Rightarrow 11\cdot 3121\cdot 185186707990152041\cdot P_{38},\ B_1 = 304$
1172: $P_{15}^6 \Rightarrow n,\ B_1 = 304$
1173: $P_{15}^{10} \Rightarrow 23\cdot n,\ B_1 = 424;\ q^{12},\ B_2 = 358$
1175: $p_{14}^4 \Rightarrow 5\cdot 31\ldots,\ S\ \ 3^2\cdot 5^2\cdot 13^2\cdot 31^2$
1176: $p_{14}^6 \Rightarrow 7\cdot 1159201\cdot 1597289\cdot 3464011840184281\cdot p_{51},\ B_1 = 313$
1177: $p_{14}^{10} \Rightarrow 23\cdot 199\cdot 859\cdot n,\ B_1 = 346;\ q^{12},\ B_2 = 315$
1179: $123152587^4 \Rightarrow 102704422012531\cdot P_{19},\ B_1 = 151$
1180: $P_{19}^2 \Rightarrow 179953\cdot p_{32},\ B_1 = 225$
1181: $p_{32}^2 \Rightarrow 3\cdot 7\cdot 307\cdot 757\cdot 739068082339\cdot P_{45},\ B_1 = 351$
1182: $p_{32}^4 \Rightarrow 5\cdot 211\cdot n,\ B_1 = 416;\ q^6,\ B_2 = 377$
1184: $P_{19}^4 \Rightarrow 5\cdot 41\cdot 5851\cdot 569952371\cdot p_{59},\ B_1 = 335$
1185: $P_{19}^6 \Rightarrow 43\cdot 547\cdot n,\ B_1 = 339;\ q^{10},\ B_2 = 367$
1187: $123152587^6 \Rightarrow 3527557625467\cdot P_{36},\ B_1 = 200$
1188: $P_{36}^2 \Rightarrow 3\cdot 79\cdot 139\cdot 1051\cdot 59381086741\cdot 709741781675884596598513\cdot p_{30},\ B_1 = 344$
1189: $P_{36}^4 \Rightarrow 5\cdot 11\cdot n,\ B_1 = 418;\ q^6,\ B_2 = 431$
1191: $123152587^{10} \Rightarrow 727\cdot 1602899\cdot 75364782469407147421\cdot p_{52},\ B_1 = 297$
1192: $p_{52}^2 \Rightarrow 3\cdot 7\cdot 13\cdot n,\ B_1 = 401;\ q^4,\ B_2 = 415$

1194: $123152587^{12} \Rightarrow 527548009 \cdot 1221324894479 \cdot c_{77},\ B_1 = 269$
1195: $P_{13}^{2} \Rightarrow 7 \cdot 199 \cdot 433 \cdot p_{19},\ B_1 = 318$
1196: $P_{13}^{4} \Rightarrow 31 \cdot n,\ B_1 = 343;\ \ q^{6},\ B_3 = 318$
1198: $123152587^{16} \Rightarrow n,\ B_1 = 313$
1199: $123152587^{18} \Rightarrow 191 \cdot 419 \cdot n,\ B_1 = 350;\ \ q^{22},\ B_2 = 355$
1201: $p_{13}^{2} \Rightarrow 3 \cdot 61 \cdot 5419 \cdot 4015513 \cdot P_{13},\ B_1 = 102$
1202: $P_{13}^{2} \Rightarrow 3 \cdot 7 \cdot 5197 \cdot 947239753 \cdot 207837725713,\ B_1 = 147$
1203: $207837725713^{1} \Rightarrow 3109 \cdot 33425173,\ B_1 = 169$
1204: $33425173^{2} \Rightarrow 3 \cdot 646879 \cdot 575709019,\ B_1 = 199$
1205: $575709019^{2} \Rightarrow 3 \cdot 7 \cdot 43 \cdot 61 \cdot 666019 \cdot 9034453,\ B_1 = 228$
1206: $9034453^{2} \Rightarrow 3 \cdot 518611 \cdot 52461511,\ B_1 = 256$
1207: $52461511^{2} \Rightarrow 3 \cdot 7 \cdot 31^{2} \cdot 43 \ldots,\ S\ \ 3^{6} \cdot 7^{4} \cdot 13^{2} \cdot 31^{2} \cdot 43^{2}$
1208: $52461511^{4} \Rightarrow 5 \ldots,\ S\ \ 3^{6} \cdot 5^{2} \cdot 7^{2}$
1209: $52461511^{6} \Rightarrow 71 \ldots,\ S\ \ 3^{6} \cdot 7^{2} \cdot 13^{2} \cdot 43^{2} \cdot 61^{2} \cdot 71^{2} \cdot 127^{4}$
1210: $52461511^{10},\ B_3 = 318$
1211: $9034453^{4} \Rightarrow 8252681 \cdot 91123391 \cdot P_{13},\ B_1 = 298$
1212: $P_{13}^{2} \Rightarrow 7 \cdot 79 \ldots,\ S\ \ 3^{4} \cdot 7^{4} \cdot 13^{2} \cdot 43^{2} \cdot 61^{2} \cdot 79^{2} \cdot 127^{4}$
1213: $P_{13}^{4},\ B_3 = 324$
1214: $9034453^{6} \Rightarrow 7 \cdot 29 \ldots,\ S\ \ 3^{4} \cdot 7^{4} \cdot 13^{2} \cdot 29^{2} \cdot 43^{2}$
1215: $9034453^{10} \Rightarrow n,\ B_1 = 354$
1216: $9034453^{12} \Rightarrow 599 \cdot n,\ B_1 = 384;\ \ q^{16},\ B_3 = 326$
1218: $575709019^{4} \Rightarrow 41 \cdot 281 \cdot 2851 \cdot 93251 \cdot 5459407361 \cdot p_{13},\ B_1 = 287$
1219: $p_{13}^{2} \Rightarrow 19 \ldots,\ S\ \ 3^{4} \cdot 7^{2} \cdot 13^{2} \cdot 19^{2} \cdot 41^{2}$
1220: $p_{13}^{4},\ B_3 = 313$
1221: $575709019^{6} \Rightarrow 4523 \cdot 18481 \cdot 213643161887 \cdot p_{34},\ B_1 = 340$
1222: $575709019^{10} \Rightarrow 67 \cdot n,\ B_1 = 359$
1223: $575709019^{12} \Rightarrow 157 \cdot 313 \cdot n,\ B_1 = 397;\ \ q^{16},\ B_3 = 322$
1225: $33425173^{4} \Rightarrow 461 \cdot p_{28},\ B_1 = 245$
1226: $p_{28}^{2} \Rightarrow 3 \cdot 13 \cdot 15973 \cdot 2732491 \cdot n,\ B_1 = 309$
1227: $p_{28}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^{2} \cdot 5^{2} \cdot 7^{2}$
1228: $p_{28}^{6},\ B_3 = 354$
1229: $33425173^{6} \Rightarrow 4663 \cdot 845041 \cdot 1926611 \cdot 5567751651967 \cdot p_{17},\ B_1 = 290$
1230: $p_{17}^{2} \Rightarrow n,\ B_1 = 323;\ \ q^{4},\ B_3 = 323$
1232: $33425173^{10} \Rightarrow 11 \cdot 23 \ldots,\ S\ \ 3^{2} \cdot 7^{2} \cdot 11^{2} \cdot 13^{2} \cdot 23^{2}$
1233: $33425173^{12} \Rightarrow n,\ B_1 = 335$
1234: $33425173^{16} \Rightarrow 137 \cdot 239 \cdot 443 \cdot 953 \cdot n,\ B_1 = 405$
1235: $33425173^{18} \Rightarrow 229 \cdot n,\ B_1 = 428;\ \ q^{22},\ B_2 = 331$
1237: $207837725713^{2} \Rightarrow 3 \cdot 7 \cdot 7963 \cdot p_{18},\ B_1 = 185$
1238: $p_{18}^{1} \Rightarrow P_{18},\ B_1 = 219$
1239: $P_{18}^{2} \Rightarrow 3 \cdot 7 \cdot p_{33},\ B_1 = 287$
1240: $p_{33}^{2} \Rightarrow 3 \cdot n,\ B_1 = 353;\ \ q^{4},\ B_3 = 352$
1242: $P_{18}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^{4} \cdot 5^{2} \cdot 7^{2}$
1243: $P_{18}^{6} \Rightarrow 29 \cdot 71 \ldots,\ S\ \ 3^{4} \cdot 7^{2} \cdot 13^{2} \cdot 29^{2} \cdot 61^{2} \cdot 71^{2}$
1244: $P_{18}^{10},\ B_3 = 356$
1245: $p_{18}^{2} \Rightarrow 3 \cdot 43 \cdot 3793 \cdot 292717313533 \cdot P_{18},\ B_1 = 259$
1246: $P_{18}^{2} \Rightarrow 3 \cdot P_{35},\ B_1 = 330$
1247: $P_{18}^{4} \Rightarrow n,\ B_1 = 365;\ \ q^{6},\ B_3 = 330$
1249: $p_{18}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^{4} \cdot 5 \cdot 7^{2}$
1250: $p_{18}^{6} \Rightarrow n,\ B_1 = 367;\ \ q^{10},\ B_2 = 348$
1252: $207837725713^{4} \Rightarrow 311 \cdot 18198601 \cdot 174584317091 \cdot p_{25},\ B_1 = 248$
1253: $p_{25}^{1} \Rightarrow 3 \cdot 85251739 \cdot p_{16},\ B_1 = 296$
1254: $p_{16}^{2} \Rightarrow 3 \cdot n,\ B_1 = 326;\ \ q^{4},\ B_3 = 327$
1256: $p_{25}^{2} \Rightarrow 7 \cdot 103 \cdot n,\ B_1 = 313;\ \ q^{4},\ B_3 = 311$
1258: $207837725713^{6} \Rightarrow 71 \cdot 113 \cdot 232575869 \cdot 39384904021 \cdot p_{46},\ B_1 = 295$

$p_{46}^{1} \Rightarrow 3^3 \cdot 5 \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 7^2$

$p_{46}^{2},\ B_3 = 329$

$20783772571 3^{10} \Rightarrow 23 \cdot 89 \cdot n,\ B_1 = 357$

$20783772571 3^{12} \Rightarrow 53 \cdot n,\ B_1 = 400;\ \ q^{16},\ B_2 = 362$

$P_{13}^{4} \Rightarrow 11 \cdot 31 \cdot 1037376256176577519 21 \cdot p_{29},\ B_1 = 208$

$p_{29}^{1} \Rightarrow 18709373720857 \cdot P_{15},\ B_1 = 263$

$P_{15}^{2} \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13^2 \cdot 31^2$

$P_{15}^{4} \Rightarrow 11^3 \cdot n,\ B_1 = 349;\ \ q^6,\ B_3 = 321$

$p_{29}^{2} \Rightarrow 3 \cdot 13 \cdot 313 \cdot 409 \cdot 27583 \cdot 493616224077391 \cdot p_{31},\ B_1 = 315$

$p_{29}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 11^2 \cdot 13^2$

$p_{29}^{6},\ B_2 = 337$

$P_{13}^{6} \Rightarrow 937049 \cdot 2183063 \cdot 141483161 \cdot P_{56},\ B_1 = 303$

$P_{13}^{10} \Rightarrow 89 \cdot 881 \cdot n,\ B_1 = 335;\ \ q^{12},\ B_2 = 303$

$p_{13}^{4} \Rightarrow 5 \cdot p_{50},\ B_1 = 135$

$p_{50}^{1} \Rightarrow 7^2 \cdot 722024029 \cdot 837591158108519 \cdot P_{25},\ B_1 = 232$

$P_{25}^{2} \Rightarrow 8668966094148184625 53 \cdot p_{28},\ B_1 = 329$

$P_{25}^{4} \Rightarrow 31 \cdot n,\ B_1 = 378;\ \ q^6,\ B_3 = 329$

$p_{50}^{2} \Rightarrow 3 \cdot c_{100},\ B_1 = 284$

$3^2 \Rightarrow 13,\ B_1 = 284$

$13^1 \Rightarrow 7,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

$13^2 \Rightarrow 3 \cdot 61,\ B_1 = 287$

$61^1 \Rightarrow 31,\ S\ \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 31^2$

$61^2 \Rightarrow 3 \cdot 13 \cdot 97,\ S\ \ 3^4 \cdot 5 \cdot 13^4 \cdot 61^2 \cdot 97^2 \cdot 127^4$

$61^4 \Rightarrow 5 \cdot 131 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 61^4 \cdot 127^4 \cdot 131^2$

$61^6 \Rightarrow n,\ B_1 = 305;\ \ q^{10},\ B_3 = 302$

$13^4 \Rightarrow 30941,\ B_1 = 292$

$30941^1 \Rightarrow 3^4 \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 13^4$

$30941^2 \Rightarrow 157 \cdot 433 \cdot n,\ B_1 = 307;\ \ q^4,\ B_3 = 304$

$13^6 \Rightarrow 5229043,\ B_1 = 302$

$13^{10} \Rightarrow 23 \cdot 419 \cdot 859 \cdot n,\ B_1 = 311$

$13^{12} \Rightarrow 53 \cdot n,\ B_1 = 309;\ \ q^{16},\ B_3 = 300$

$3^4 \Rightarrow 11^2,\ S\ \ 3^4 \cdot 5 \cdot 11^2 \cdot 13^2$

$3^6 \Rightarrow 1093,\ B_1 = 290$

$1093^1 \Rightarrow \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 13^2$

$1093^2 \Rightarrow 3 \cdot 398581,\ B_1 = 298$

$398581^1 \Rightarrow \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 13^2$

$398581^2,\ B_3 = 303$

$1093^4 \Rightarrow 11 \ldots,\ S\ \ 3^6 \cdot 5 \cdot 11^2 \cdot 13^2$

$1093^6,\ B_3 = 304$

$3^{10} \Rightarrow 23 \ldots,\ S\ \ 3^{10} \cdot 5 \cdot 13^2 \cdot 23^2$

$3^{12} \Rightarrow 797161,\ B_1 = 296$

$797161^1 \Rightarrow \ldots,\ S\ \ 3^{12} \cdot 5^2 \cdot 13^2$

$797161^2,\ B_3 = 300$

$3^{16} \Rightarrow 1871 \cdot 34511,\ B_1 = 306$

$3^{18} \Rightarrow n,\ B_1 = 300$

$3^{22} \Rightarrow 47 \ldots,\ S\ \ 3^{22} \cdot 5 \cdot 13^2 \cdot 47^2 \cdot 127^4$

$3^{28} \Rightarrow 59 \cdot n,\ B_1 = 311$

$3^{30} \Rightarrow 683 \cdot n,\ B_1 = 314;\ \ q^{36},\ B_3 = 300$

$p_{50}^{4},\ B_2 = 398$

$p_{13}^{6} \Rightarrow 1373 \cdot 4864217 \cdot P_{66},\ B_1 = 254$

$P_{66}^{2} \Rightarrow 3 \cdot n,\ B_1 = 386;\ \ q^4,\ B_2 = 527$

$p_{13}^{10} \Rightarrow 2311 \cdot 5237 \cdot 41408212009937839 67 \cdot n,\ B_1 = 308;\ \ q^{12},\ B_2 = 303$

$262209281^4 \Rightarrow 5 \cdot 11 \cdot 421 \cdot 14621 \cdot 6579701 \cdot 477869921 \cdot 4440731591,\ B_1 = 100$

$4440731591^2 \Rightarrow 7 \cdot 31 \cdot 79 \cdot 6199 \cdot 75181 \cdot 2468269,\ B_1 = 139$

1323: $2468269^{1} \Rightarrow 5 \cdot 7 \cdot 37 \cdot 953,\ B_1 = 150$
1324: $953^{2} \Rightarrow 181 \cdot 5023,\ B_1 = 162$
1325: $5023^{2} \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$
1326: $5023^{4} \Rightarrow 12641 \cdot 50368353121,\ B_1 = 199$
1327: $50368353121^{2} \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$
1328: $50368353121^{4} \Rightarrow 5 \cdot 11 \cdot 695370101 \cdot P_{33},\ B_1 = 304$
1329: $50368353121^{6} \Rightarrow 29 \cdot n,\ B_1 = 308$
1330: $50368353121^{10} \Rightarrow 23 \cdot n,\ B_1 = 393;\ \ q^{12},\ B_3 = 306$
1332: $5023^{6} \Rightarrow 43 \cdot 659 \cdot 1583 \cdot 3447767 \cdot 103870649,\ B_1 = 221$
1333: $103870649^{2} \Rightarrow P_{17},\ B_1 = 253$
1334: $P_{17}^{2} \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$
1335: $P_{17}^{4} \Rightarrow 5 \cdot 61 \cdot 71 \cdot 541 \cdot n,\ B_1 = 357;\ \ q^{6},\ B_3 = 318$
1337: $103870649^{4} \Rightarrow 11 \cdot 286177312601 \cdot P_{20},\ B_1 = 299$
1338: $P_{20}^{2} \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$
1339: $P_{20}^{4},\ B_3 = 339$
1340: $103870649^{6} \Rightarrow 7 \cdot 43 \cdot 127 \cdot 2017 \cdot p_{41},\ B_1 = 342$
1341: $103870649^{10} \Rightarrow 23 \cdot n,\ B_1 = 367;\ \ q^{12},\ B_3 = 302$
1343: $5023^{10} \Rightarrow 23 \cdot 89 \cdot 25609 \cdot P_{30},\ B_1 = 266$
1344: $P_{30}^{2} \Rightarrow 43 \cdot n,\ B_1 = 326;\ \ q^{4},\ B_3 = 324$
1346: $5023^{12} \Rightarrow 79 \cdot 131 \cdot 25117 \cdot p_{36},\ B_1 = 284$
1347: $p_{36}^{2} \Rightarrow 673 \cdot n,\ B_1 = 359;\ \ q^{4},\ B_3 = 356$
1349: $5023^{16} \Rightarrow 103 \cdot 554464283 \cdot 39447306533 \cdot p_{38},\ B_1 = 332$
1350: $5023^{18} \Rightarrow 229 \cdot 457 \cdot 7411 \cdot 1342665111820371159175 97 \cdot P_{35},\ B_1 = 355$
1351: $5023^{22} \Rightarrow n,\ B_1 = 318$
1352: $5023^{28} \Rightarrow n,\ B_1 = 362$
1353: $5023^{30} \Rightarrow 31 \cdot 311 \cdot n,\ B_1 = 378$
1354: $5023^{36} \Rightarrow n,\ B_1 = 421;\ \ q^{40},\ B_3 = 303$
1356: $953^{4} \Rightarrow 41 \cdot 1601 \cdot 2161 \cdot 5821,\ B_1 = 180$
1357: $5821^{2} \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$
1358: $5821^{4} \Rightarrow 5 \cdot p_{15},\ B_1 = 218$
1359: $p_{15}^{2} \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^4 \cdot 7^2$
1360: $p_{15}^{4} \Rightarrow 5 \cdot 11 \cdot 71 \cdot n,\ B_1 = 304$
1361: $p_{15}^{6} \Rightarrow 7 \cdot 211 \cdot n,\ B_1 = 364;\ \ q^{10},\ B_3 = 333$
1363: $5821^{6} \Rightarrow 43 \cdot 2339 \cdot P_{18},\ B_1 = 240$
1364: $P_{18}^{2} \Rightarrow 13 \cdot 133597 \cdot 10843351 \cdot 1064922673 \cdot P_{13},\ B_1 = 311$
1365: $P_{18}^{4} \Rightarrow 5 \cdot 271 \cdot n,\ B_1 = 349;\ \ q^{6},\ B_3 = 311$
1367: $5821^{10} \Rightarrow 23 \cdot 67 \cdot P_{35},\ B_1 = 285$
1368: $P_{35}^{2} \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$
1369: $P_{35}^{4},\ B_3 = 354$
1370: $5821^{12} \Rightarrow 53 \cdot p_{44},\ B_1 = 308$
1371: $5821^{16} \Rightarrow 1871 \cdot 6733 \cdot n,\ B_1 = 300$
1372: $5821^{18} \Rightarrow n,\ B_1 = 308$
1373: $5821^{22} \Rightarrow n,\ B_1 = 338$
1374: $5821^{28} \Rightarrow n,\ B_1 = 383$
1375: $5821^{30} \Rightarrow n,\ B_1 = 398;\ \ q^{36},\ B_3 = 308$
1377: $953^{6} \Rightarrow 7 \cdot 29 \cdot 71 \cdot 113 \cdot 127 \cdot 379 \cdot 9566159,\ B_1 = 194$
1378: $9566159^{2} \Rightarrow 113683 \cdot 804970027,\ B_1 = 222$
1379: $804970027^{2} \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$
1380: $804970027^{4} \Rightarrow 11 \cdot 31 \cdot 61 \cdot 122201 \cdot p_{27},\ B_1 = 306$
1381: $804970027^{6} \Rightarrow 7 \cdot n,\ B_1 = 310$
1382: $804970027^{10} \Rightarrow 89 \cdot n,\ B_1 = 384;\ \ q^{12},\ B_3 = 311$
1384: $9566159^{4} \Rightarrow 11 \cdot 5369491 \cdot p_{21},\ B_1 = 261$
1385: $p_{21}^{2} \Rightarrow n,\ B_1 = 302;\ \ q^{4},\ B_3 = 302$
1387: $9566159^{6} \Rightarrow 7 \cdot 29 \cdot 43 \cdot 71 \cdot 197 \cdot 2423 \cdot 132353907849661 \cdot p_{17},\ B_1 = 297$

$p_{17}^2 \Rightarrow 3\ldots,\ S\ 3^2\cdot5^2\cdot7^4$

$p_{17}^4,\ B_3 = 330$

$9566159^{10} \Rightarrow n,\ B_1 = 319$

$9566159^{12} \Rightarrow n,\ B_1 = 347$

$9566159^{16} \Rightarrow 103\cdot919\cdot n,\ B_1 = 408;\ \ q^{18},\ B_3 = 305$

$953^{10} \Rightarrow 67\cdot p_{28},\ B_1 = 234$

$p_{28}^2 \Rightarrow 3\ldots,\ S\ 3^2\cdot5^2\cdot7^2$

$p_{28}^4 \Rightarrow 181\cdot n,\ B_1 = 404;\ \ q^6,\ B_3 = 346$

$953^{12} \Rightarrow 3865993\cdot45023074943939\cdot P_{16},\ B_1 = 252$

$P_{16}^2 \Rightarrow 7^2\cdot19\cdot61\cdot P_{27},\ B_1 = 312$

$P_{16}^4 \Rightarrow 11\cdot31\cdot41\cdot n,\ B_1 = 344;\ \ q^6,\ B_3 = 314$

$953^{16} \Rightarrow 17\cdot443\cdot647\cdot5849\cdot83492628361\cdot p_{27},\ B_1 = 287$

$p_{27}^2 \Rightarrow 3\ldots,\ S\ 3^2\cdot5^2\cdot7^2$

$p_{27}^4,\ B_3 = 340$

$953^{18} \Rightarrow 252017\cdot P_{49},\ B_1 = 305$

$953^{22} \Rightarrow 967\cdot1979\cdot71347\cdot3065272797512561317481\cdot p_{33},\ B_1 = 341$

$953^{28} \Rightarrow 59\cdot n,\ B_1 = 313$

$953^{30} \Rightarrow 311\cdot n,\ B_1 = 326$

$953^{36} \Rightarrow n,\ B_1 = 359$

$953^{40} \Rightarrow 83\cdot821\cdot n,\ B_1 = 387$

$953^{42} \Rightarrow n,\ B_1 = 395$

$953^{46} \Rightarrow n,\ B_1 = 418;\ \ q^{52},\ B_2 = 309$

$2468269^2 \Rightarrow 3\ldots,\ S\ 3^2\cdot5\cdot7^2$

$2468269^4 \Rightarrow 71\cdot3343771\cdot p_{18},\ B_1 = 194$

$p_{18}^1 \Rightarrow p_{17},\ B_1 = 228$

$p_{17}^2 \Rightarrow 3\ldots,\ S\ 3^2\cdot5^2\cdot7^2$

$p_{17}^4 \Rightarrow 5\cdot11\cdot61\cdot571\cdot641\cdot n,\ B_1 = 335$

$p_{17}^6 \Rightarrow 29\cdot n,\ B_1 = 398;\ \ q^{10},\ B_3 = 363$

$p_{18}^2 \Rightarrow 3\cdot7\ldots,\ S\ 3^2\cdot5\cdot7^2$

$p_{18}^4 \Rightarrow 5\cdot251\cdot n,\ B_1 = 308$

$p_{18}^6 \Rightarrow 29\cdot211\cdot n,\ B_1 = 379;\ \ q^{10},\ B_2 = 343$

$2468269^6 \Rightarrow 5657\cdot5867\cdot84483869\cdot189565741\cdot p_{15},\ B_1 = 235$

$p_{15}^1 \Rightarrow 3^2\ldots,\ S\ 3^2\cdot5^2\cdot7^2$

$p_{15}^2 \Rightarrow 73\cdot127\cdot2719\cdot5160361\cdot P_{16},\ B_1 = 295$

$P_{16}^2 \Rightarrow 3\cdot7\ldots,\ S\ 3^2\cdot5\cdot7^2$

$P_{16}^4,\ B_3 = 326$

$p_{15}^4 \Rightarrow 5\cdot41\cdot n,\ B_1 = 330;\ \ q^6,\ B_3 = 300$

$2468269^{10} \Rightarrow 11\cdot89\cdot p_{61},\ B_1 = 263$

$p_{61}^1 \Rightarrow 3^3\cdot5\cdot7\ldots,\ S\ 3^4\cdot5^2\cdot7^2$

$p_{61}^2,\ B_3 = 316$

$2468269^{12} \Rightarrow 62011\cdot883561553239\cdot p_{60},\ B_1 = 305$

$2468269^{16} \Rightarrow n,\ B_1 = 331$

$2468269^{18} \Rightarrow 571\cdot n,\ B_1 = 359$

$2468269^{22} \Rightarrow 23\cdot47\cdot n,\ B_1 = 410;\ \ q^{28},\ B_2 = 357$

$4440731591^4 \Rightarrow 5\cdot1145018551\cdot P_{29},\ B_1 = 195$

$P_{29}^2 \Rightarrow 1783\cdot2287\cdot3079\cdot15979811371\cdot p_{38},\ B_1 = 282$

$p_{38}^1 \Rightarrow 211\cdot n,\ B_1 = 321;\ \ q^2,\ B_3 = 311$

$P_{29}^4 \Rightarrow 5\cdot191\cdot n,\ B_1 = 371;\ \ q^6,\ B_2 = 345$

$4440731591^6 \Rightarrow 29\cdot20749\cdot374425927\cdot723397193\cdot18035954329\cdot P_{25},\ B_1 = 253$

$P_{25}^2 \Rightarrow 3\cdot547\cdot n,\ B_1 = 305;\ \ q^4,\ B_3 = 302$

$4440731591^{10} \Rightarrow 23\cdot251483\cdot36565673\cdot518332453\cdot c_{74},\ B_1 = 297$

$518332453^1 \Rightarrow 857\cdot n,\ B_1 = 308$

$518332453^2 \Rightarrow 3\cdot7\ldots,\ S\ 3^2\cdot5\cdot7^2$

$518332453^4,\ B_3 = 314$

1453: $4440731591^{12} \Rightarrow 157 \cdot n,\ B_1 = 315;\ \ q^{16},\ B_2 = 308$

1455: $262209281^{6} \Rightarrow 43 \cdot 197 \cdot 11593 \cdot 589331 \cdot 2393847653 \cdot P_{28},\ B_1 = 150$

1456: $P_{28}^{2} \Rightarrow 277 \cdot 16881061 \cdot 4360138339 \cdot P_{36},\ B_1 = 260$

1457: $P_{36}^{2} \Rightarrow 3 \cdot 991 \cdot n,\ B_1 = 334;\ \ q^{4},\ B_3 = 330$

1459: $P_{28}^{4} \Rightarrow 31 \cdot 41 \cdot n,\ B_1 = 317;\ \ q^{6},\ B_2 = 328$

1461: $262209281^{10} \Rightarrow 23 \cdot 67 \cdot 947 \cdot 153342821665045555262919920768081 \cdot p_{46},\ B_1 = 215$

1462: $p_{46}^{1} \Rightarrow 3^2 \cdot 89 \cdot 4481 \cdot P_{39},\ B_1 = 305$

1463: $p_{46}^{2} \Rightarrow n,\ B_1 = 320;\ \ q^{4},\ B_2 = 366$

1465: $262209281^{12} \Rightarrow 53 \cdot 79 \cdot 6397 \cdot 4593499 \cdot 1447553814182867 \cdot P_{72},\ B_1 = 307$

1466: $262209281^{16} \Rightarrow 1489303 \cdot 308804117 \cdot 17342847747419 \cdot c_{107},\ B_1 = 297$

1467: $P_{14}^{2} \Rightarrow n,\ B_1 = 323;\ \ q^{4},\ B_3 = 323$

1469: $262209281^{18},\ B_2 = 303$

1470: $127^{6} \Rightarrow 7 \cdot 43 \cdot 86353 \cdot 162709,\ B_1 = 32$

1471: $162709^{1} \Rightarrow 5 \cdot 53 \cdot 307,\ B_1 = 42$

1472: $307^{2} \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

1473: $307^{4} \Rightarrow 1051 \cdot 1621 \cdot 5231,\ B_1 = 67$

1474: $5231^{2} \Rightarrow 7 \cdot 3909799,\ B_1 = 80$

1475: $3909799^{2} \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

1476: $3909799^{4} \Rightarrow 11 \cdot 11551 \cdot 5396621 \cdot 12881171 \cdot 26456251,\ B_1 = 146$

1477: $26456251^{2} \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

1478: $26456251^{4} \Rightarrow 5 \cdot 3331 \cdot 4219575775501 \cdot P_{13},\ B_1 = 219$

1479: $P_{13}^{2} \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$

1480: $P_{13}^{4} \Rightarrow 5 \cdot 41^2 \cdot 131 \cdot 30841 \cdot n,\ B_1 = 303$

1481: $P_{13}^{6} \Rightarrow n,\ B_1 = 347;\ \ q^{10},\ B_3 = 322$

1483: $26456251^{6} \Rightarrow 8093 \cdot 86960623 \cdot 18004174973 \cdot P_{23},\ B_1 = 265$

1484: $P_{23}^{2} \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

1485: $P_{23}^{4},\ B_3 = 310$

1486: $26456251^{10} \Rightarrow 23 \cdot 8273 \cdot 8125988838384681859941 \cdot$
$840696692290464938676 1 \cdot P_{27},\ B_1 = 354$

1487: $26456251^{12} \Rightarrow n,\ B_1 = 309$

1488: $26456251^{16} \Rightarrow 17 \cdot n,\ B_1 = 370$

1489: $26456251^{18} \Rightarrow n,\ B_1 = 398;\ \ q^{22},\ B_2 = 326$

1491: $3909799^{6} \Rightarrow 6959 \cdot 624149 \cdot P_{30},\ B_1 = 186$

1492: $P_{30}^{2} \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

1493: $P_{30}^{4} \Rightarrow 5 \cdot 101 \cdot 151 \cdot n,\ B_1 = 368;\ \ q^{6},\ B_2 = 358$

1495: $3909799^{10} \Rightarrow 23 \cdot 67 \cdot 2032559 \cdot 27731466617417871727 \cdot p_{37},\ B_1 = 265$

1496: $p_{37}^{2} \Rightarrow n,\ B_1 = 339;\ \ q^{4},\ B_3 = 339$

1498: $3909799^{12} \Rightarrow 53 \cdot 79 \cdot 217439 \cdot 3646288782371 \cdot 34062033086069 \cdot P_{45},\ B_1 = 301$

1499: $3909799^{16} \Rightarrow 443 \cdot 1531 \cdot 1163568172813 \cdot c_{88},\ B_1 = 296$

1500: $p_{13}^{2} \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$

1501: $p_{13}^{4},\ B_3 = 320$

1502: $3909799^{18} \Rightarrow n,\ B_1 = 304$

1503: $3909799^{22} \Rightarrow n,\ B_1 = 357;\ \ q^{28},\ B_2 = 369$

1505: $5231^{4} \Rightarrow 5 \cdot 601 \cdot 249216868661,\ B_1 = 103$

1506: $249216868661^{2} \Rightarrow P_{23},\ B_1 = 148$

1507: $P_{23}^{2} \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

1508: $P_{23}^{4} \Rightarrow 1601 \cdot c_{88},\ B_1 = 288$

1509: $1601^{2} \Rightarrow 37 \cdot 103 \cdot 673,\ B_1 = 301$

1510: $1601^{4} \Rightarrow 5 \cdot n,\ B_1 = 308;\ \ q^{6},\ B_3 = 301$

1512: $P_{23}^{6} \Rightarrow 113 \cdot n,\ B_1 = 378;\ \ q^{10},\ B_2 = 455$

1514: $249216868661^{4} \Rightarrow 5 \cdot 41 \cdot 251 \cdot 136601 \cdot 4727641 \cdot P_{30},\ B_1 = 217$

1515: $P_{30}^{2} \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^2 \cdot 5^4 \cdot 7^2$

1516: $P_{30}^{4} \Rightarrow 5 \cdot 11^2 \cdot 191 \cdot n,\ B_1 = 393;\ \ q^{6},\ B_2 = 348$

1518: $249216868661^{6} \Rightarrow 29 \cdot 2591 \cdot 7477 \cdot 57054873221381281 \cdot p_{43},\ B_1 = 285$

$p_{43}^2 \Rightarrow 3\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^2$

$p_{43}^4,\ B_3 = 371$

$249216868661^{10} \Rightarrow 67\cdot 727\cdot n,\ B_1 = 312$

$249216868661^{12} \Rightarrow 79\cdot n,\ B_1 = 355;\ \ q^{16},\ B_2 = 364$

$5231^6 \Rightarrow 71\cdot P_{21},\ B_1 = 126$

$P_{21}^2 \Rightarrow 13\cdot 37\cdot 41733049\cdot 714356221\cdot 1122273091\cdot P_{13},\ B_1 = 208$

$P_{13}^2 \Rightarrow 3\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^2$

$P_{13}^4 \Rightarrow 11\cdot 61\cdot 5486604124920311\cdot p_{33},\ B_1 = 335$

$P_{13}^6 \Rightarrow n,\ B_1 = 335;\ \ q^{10},\ B_3 = 310$

$P_{21}^4 \Rightarrow 2093866321\cdot 5427364741\cdot 14301734311\cdot$
$160053666299526395352 41\cdot P_{31},\ B_1 = 331$

$P_{21}^6 \Rightarrow 7\cdot 29\cdot n,\ B_1 = 332;\ \ q^{10},\ B_2 = 409$

$5231^{10} \Rightarrow 4643\cdot 42571\cdot 376157629\cdot p_{21},\ B_1 = 171$

$p_{21}^2 \Rightarrow 13\cdot 769\cdot 171103\cdot 173200576419841\cdot p_{18},\ B_1 = 252$

$p_{18}^2 \Rightarrow 3\cdot 7^2\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^4$

$p_{18}^4 \Rightarrow 11\cdot 31\cdot n,\ B_1 = 358;\ \ q^6,\ B_3 = 321$

$p_{21}^4 \Rightarrow 14916731\cdot n,\ B_1 = 300$

$p_{21}^6 \Rightarrow n,\ B_1 = 374;\ \ q^{10},\ B_2 = 406$

$5231^{12} \Rightarrow 40165725956981\cdot p_{32},\ B_1 = 193$

$p_{32}^2 \Rightarrow 7\cdot 1085669039899\cdot 151939612680234140860 5841\cdot P_{25},\ B_1 = 316$

$p_{32}^4 \Rightarrow n,\ B_1 = 379;\ \ q^6,\ B_2 = 372$

$5231^{16} \Rightarrow 103\cdot 102001\cdot 4295676266026987\cdot p_{37},\ B_1 = 238$

$p_{37}^2 \Rightarrow 3\cdot 7\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^2$

$p_{37}^4,\ B_3 = 312$

$5231^{18} \Rightarrow 647\cdot 10206577142933543 3\cdot 467508006752523853\cdot P_{30},\ B_1 = 260$

$P_{30}^2 \Rightarrow 3\cdot 7\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^2$

$P_{30}^4,\ B_3 = 319$

$5231^{22} \Rightarrow 47\cdot 730486340567715 7\cdot 432487471734173366 71\cdot p_{45},\ B_1 = 305$

$5231^{28} \Rightarrow 504639335021\cdot c_{93},\ B_1 = 279$

$504639335021^2 \Rightarrow 13\cdot n,\ B_1 = 304;\ \ q^4,\ B_3 = 303$

$5231^{30} \Rightarrow 1371193\cdot c_{106},\ B_1 = 289$

$1371193^2 \Rightarrow 3\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^2$

$1371193^4,\ B_3 = 301$

$5231^{36} \Rightarrow 149^2\cdot n,\ B_1 = 327$

$5231^{40} \Rightarrow n,\ B_1 = 357;\ \ q^{42},\ B_2 = 312$

$307^6 \Rightarrow 659\cdot P_{13},\ B_1 = 82$

$P_{13}^2 \Rightarrow 19\cdot 211\cdot 1220002291\cdot 332144352187,\ B_1 = 130$

$332144352187^2 \Rightarrow 3\cdot 7\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^2$

$332144352187^4 \Rightarrow 31\cdot 521\cdot 45952001\cdot 727656751\cdot p_{26},\ B_1 = 245$

$p_{26}^2 \Rightarrow 7\cdot 13\cdot 43\cdot 2293\cdot 53543788027\cdot n,\ B_1 = 309$

$p_{26}^4 \Rightarrow 5\cdot 11\cdot 751\cdot n,\ B_1 = 401;\ \ q^6,\ B_3 = 347$

$332144352187^6 \Rightarrow 29^2\cdot 71\cdot 2756993\cdot$
$469018350676009\cdot 16258679971 2313607\cdot p_{27},\ B_1 = 312$

$332144352187^{10} \Rightarrow 331\cdot n,\ B_1 = 340$

$332144352187^{12} \Rightarrow n,\ B_1 = 384;\ \ q^{16},\ B_2 = 368$

$P_{13}^4 \Rightarrow 7151\cdot 13257041891\cdot 397488272866021\cdot p_{20},\ B_1 = 203$

$p_{20}^2 \Rightarrow 3\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^2$

$p_{20}^4 \Rightarrow 5\cdot n,\ B_1 = 321$

$p_{20}^6 \Rightarrow 701\cdot n,\ B_1 = 404;\ \ q^{10},\ B_2 = 396$

$P_{13}^6 \Rightarrow 7\cdot 29\cdot 127\cdot 109103\cdot 8061015987663283\cdot p_{48},\ B_1 = 270$

$p_{48}^2 \Rightarrow 3\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^2$

$p_{48}^4,\ B_2 = 378$

$P_{13}^{10} \Rightarrow 67\cdot n,\ B_1 = 302$

$P_{13}^{12} \Rightarrow 859\cdot n,\ B_1 = 351;\ \ q^{16},\ B_2 = 387$

$307^{10} \Rightarrow 23 \cdot 26731 \cdot p_{20},\ B_1 = 112$

$p_{20}^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

$p_{20}^4 \Rightarrow 431 \cdot 641320987258666820656916089591 \cdot p_{44},\ B_1 = 302$

$p_{20}^6 \Rightarrow 757 \cdot n,\ B_1 = 305;\ \ q^{10},\ B_2 = 381$

$307^{12} \Rightarrow 53 \cdot 131 \cdot 4967 \cdot p_{23},\ B_1 = 123$

$p_{23}^2 \Rightarrow 9133 \cdot 872023 \cdot 129022681 \cdot p_{27},\ B_1 = 212$

$p_{27}^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

$p_{27}^4 \Rightarrow n,\ B_1 = 372;\ \ q^6,\ B_2 = 319$

$p_{23}^4 \Rightarrow 5 \cdot 189961 \cdot c_{84},\ B_1 = 262$

$189961^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

$189961^4 \Rightarrow 5 \cdot 543971 \cdot P_{15},\ B_1 = 314$

$189961^6 \Rightarrow n,\ B_1 = 314;\ \ q^{10},\ B_3 = 304$

$p_{23}^6 \Rightarrow 71 \cdot 127^2 \cdot n,\ B_1 = 344;\ \ q^{10},\ B_2 = 446$

$307^{16} \Rightarrow 17 \cdot 16661 \cdot 36857 \cdot p_{30},\ B_1 = 156$

$p_{30}^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

$p_{30}^4 \Rightarrow n,\ B_1 = 335;\ \ q^6,\ B_2 = 357$

$307^{18} \Rightarrow 731729 \cdot 1716613 \cdot p_{33},\ B_1 = 171$

$p_{33}^2 \Rightarrow 733 \cdot 5571931 \cdot p_{56},\ B_1 = 302$

$p_{33}^4 \Rightarrow 5 \cdot n,\ B_1 = 367;\ \ q^6,\ B_2 = 392$

$307^{22} \Rightarrow 47 \cdot 277 \cdot 864333607 \cdot p_{42},\ B_1 = 201$

$p_{42}^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

$p_{42}^4,\ B_2 = 333$

$307^{28} \Rightarrow 59 \cdot 233 \cdot 260363 \cdot 45293635178671975455406375 33 \cdot p_{33},\ B_1 = 246$

$p_{33}^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

$p_{33}^4,\ B_3 = 311$

$307^{30} \Rightarrow 2972777 \cdot 882370306377522021714421 6657 \cdot p_{41},\ B_1 = 261$

$p_{41}^2 \Rightarrow n,\ B_1 = 341;\ \ q^4,\ B_3 = 341$

$307^{36} \Rightarrow 2015317 \cdot c_{84},\ B_1 = 222$

$2015317^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

$2015317^4 \Rightarrow p_{26},\ B_1 = 285$

$p_{26}^2 \Rightarrow 7 \cdot 103 \cdot n,\ B_1 = 337;\ \ q^4,\ B_3 = 336$

$2015317^6 \Rightarrow 29 \cdot 88817 \cdot 30589995521 \cdot P_{21},\ B_1 = 323$

$2015317^{10} \Rightarrow 67 \cdot n,\ B_1 = 338$

$2015317^{12} \Rightarrow n,\ B_1 = 361;\ \ q^{16},\ B_3 = 311$

$307^{40} \Rightarrow 1176070821574088700781571 \cdot P_{76},\ B_1 = 335$

$307^{42} \Rightarrow 743537495983 \cdot P_{93},\ B_1 = 350$

$307^{46} \Rightarrow 270157 \cdot 1106569 \cdot 6224681 \cdot p_{97},\ B_1 = 380$

$307^{52} \Rightarrow p_{130},\ B_1 = 425$

$307^{58} \Rightarrow n,\ B_1 = 326$

$307^{60} \Rightarrow n,\ B_1 = 335;\ \ q^{66},\ B_2 = 328$

$162709^2 \Rightarrow 3 \cdot 8824793797,\ B_1 = 48$

$8824793797^1 \Rightarrow 1831 \cdot 2409829,\ B_1 = 68$

$2409829^2 \Rightarrow 3 \cdot 7 \cdot 65029 \cdot 4252519,\ B_1 = 90$

$4252519^2 \Rightarrow 3 \cdot 67 \cdot 249541 \cdot 360541,\ B_1 = 117$

$360541^2 \Rightarrow 3 \cdot 661 \cdot 2287 \cdot 28663,\ B_1 = 138$

$28663^2 \Rightarrow 3 \cdot 19 \cdot 241 \cdot 59809,\ B_1 = 156$

$59809^2 \Rightarrow 3 \cdot 13 \ldots,\ S\ \ 3^6 \cdot 7^2 \cdot 13^2 \cdot 19^2 \cdot 43^2$

$59809^4 \Rightarrow 3361 \cdot p_{16},\ B_1 = 204$

$p_{16}^2 \Rightarrow 101991583 \cdot p_{24},\ B_1 = 266$

$p_{24}^2 \Rightarrow 3 \cdot n,\ B_1 = 312;\ \ q^4,\ B_3 = 312$

$p_{16}^4 \Rightarrow 5 \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 7^2$

$p_{16}^6 \Rightarrow 29 \ldots,\ S\ \ 3^6 \cdot 7^2 \cdot 19^2 \cdot 29^2 \cdot 43^2 \cdot 67^2 \cdot 127^6 \cdot 241^2$

$p_{16}^{10},\ B_3 = 328$

$59809^6 \Rightarrow 7 \cdot 6217 \cdot p_{25},\ B_1 = 232$

$p_{25}^2 \Rightarrow 3 \cdot 331 \cdot 415358119850851 \cdot 588781777996879 \cdot P_{16},\ B_1 = 328$

$p_{25}^4 \Rightarrow n,\ B_1 = 377;\ q^6,\ B_3 = 329$

$59809^{10} \Rightarrow 23 \ldots,\ S\ 3^6 \cdot 7^2 \cdot 19^2 \cdot 23^2 \cdot 43^2 \cdot 67^2 \cdot 127^6$

$59809^{12} \Rightarrow 19591567381089161 90261 \cdot p_{37},\ B_1 = 318$

$59809^{16} \Rightarrow p_{77},\ B_1 = 376$

$59809^{18} \Rightarrow n,\ B_1 = 318$

$59809^{22} \Rightarrow 47 \cdot 829 \cdot n,\ B_1 = 361$

$59809^{28} \Rightarrow n,\ B_1 = 414$

$59809^{30} \Rightarrow n,\ B_1 = 433;\ q^{36},\ B_2 = 343$

$28663^4 \Rightarrow 11551 \cdot 59471 \cdot 982600321,\ B_1 = 183$

$982600321^2 \Rightarrow 3 \cdot 19 \cdot 67 \cdot 277 \cdot 82171 \cdot 11107231,\ B_1 = 215$

$11107231^2 \Rightarrow 3 \cdot 7 \cdot 397 \cdot 49123 \cdot 301243,\ B_1 = 242$

$301243^2 \Rightarrow 3 \cdot 37 \ldots,\ S\ 3^8 \cdot 7^4 \cdot 19^2 \cdot 37^2 \cdot 43^2 \cdot 67^2 \cdot 127^6 \cdot 277^2 \cdot 397^2$

$301243^4 \Rightarrow 31 \cdot 41 \ldots,\ S\ 3^6 \cdot 7^4 \cdot 19^2 \cdot 31^2 \cdot 41^2 \cdot 43^2$

$301243^6 \Rightarrow 29 \ldots,\ S\ 3^6 \cdot 7^4 \cdot 19^2 \cdot 29^2 \cdot 43^2 \cdot 67^2 \cdot 127^6$

$301243^{10} \Rightarrow 23 \ldots,\ S\ 3^6 \cdot 7^4 \cdot 19^2 \cdot 23^2 \cdot 43^2 \cdot 67^2$

$301243^{12} \Rightarrow 53 \cdot n,\ B_1 = 365;\ q^{16},\ B_3 = 319$

$11107231^4 \Rightarrow 5 \ldots,\ S\ 3^6 \cdot 5^2 \cdot 7^2$

$11107231^6 \Rightarrow 898399517 \cdot 943031285323 \cdot P_{22},\ B_1 = 328$

$11107231^{10} \Rightarrow 23 \ldots,\ S\ 3^6 \cdot 7^2 \cdot 19^2 \cdot 23^2 \cdot 43^2 \cdot 67^2 \cdot 127^6$

$11107231^{12} \Rightarrow 313 \cdot n,\ B_1 = 373;\ q^{16},\ B_3 = 314$

$982600321^4 \Rightarrow 5 \ldots,\ S\ 3^4 \cdot 5^2 \cdot 7^2$

$982600321^6 \Rightarrow 29 \cdot 43 \cdot 152993 \cdot 2122662270947 \cdot P_{34},\ B_1 = 323$

$982600321^{10} \Rightarrow 23 \cdot 89 \cdot 419 \cdot n,\ B_1 = 351$

$982600321^{12} \Rightarrow 13 \cdot 443 \cdot n,\ B_1 = 384;\ q^{16},\ B_3 = 309$

$28663^6 \Rightarrow 5773811 \cdot P_{20},\ B_1 = 210$

$P_{20}^2 \Rightarrow 193 \cdot 1479299004709783 \cdot P_{23},\ B_1 = 289$

$P_{23}^2 \Rightarrow 3 \cdot 7 \cdot 31 \cdot n,\ B_1 = 337;\ q^4,\ B_3 = 335$

$P_{20}^4 \Rightarrow 11 \ldots,\ S\ 3^4 \cdot 7^2 \cdot 11^2 \cdot 43^2 \cdot 67^2 \cdot 127^6$

$P_{20}^6 \Rightarrow 7 \cdot 197 \cdot n,\ B_1 = 413;\ q^{10},\ B_2 = 399$

$28663^{10} \Rightarrow 502591 \cdot 2697552287 \cdot p_{30},\ B_1 = 263$

$p_{30}^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot 79 \ldots,\ S\ 3^6 \cdot 7^4 \cdot 13^2 \cdot 43^2 \cdot 67^2 \cdot 79^2 \cdot 127^6$

$p_{30}^4,\ B_3 = 322$

$28663^{12} \Rightarrow 79 \cdot 1249 \cdot 37921573 \cdot 31042022051 \cdot 51701882187671 \cdot P_{17},\ B_1 = 290$

$P_{17}^2 \Rightarrow 3 \cdot 7 \cdot n,\ B_1 = 325;\ q^4,\ B_3 = 323$

$28663^{16} \Rightarrow 17 \cdot 30083039827 \cdot 3045719622747131980206259 \cdot p_{36},\ B_1 = 343$

$28663^{18} \Rightarrow 2758307 \cdot P_{74},\ B_1 = 370$

$28663^{22} \Rightarrow n,\ B_1 = 325$

$28663^{28} \Rightarrow 59 \cdot 233 \cdot n,\ B_1 = 383$

$28663^{30} \Rightarrow n,\ B_1 = 397;\ q^{36},\ B_2 = 320$

$360541^4 \Rightarrow 5 \ldots,\ S\ 3^4 \cdot 5^2 \cdot 7^2$

$360541^6 \Rightarrow P_{34},\ B_1 = 206$

$P_{34}^2 \Rightarrow 3 \cdot P_{67},\ B_1 = 338$

$P_{34}^4 \Rightarrow 641 \cdot n,\ B_1 = 409;\ q^6,\ B_2 = 400$

$360541^{10} \Rightarrow 23 \cdot 67 \cdot 89 \cdot 71052879019 \cdot 77470452376495553 \cdot p_{23},\ B_1 = 269$

$p_{23}^2 \Rightarrow 3 \cdot 7 \cdot n,\ B_1 = 315;\ q^4,\ B_3 = 314$

$360541^{12} \Rightarrow 79 \cdot 8794206063733629787 \cdot 27127124677943042741 \cdot p_{27},\ B_1 = 306$

$360541^{16} \Rightarrow 324369317 \cdot p_{81},\ B_1 = 373$

$360541^{18} \Rightarrow n,\ B_1 = 306$

$360541^{22} \Rightarrow 47 \cdot 277 \cdot 829 \cdot n,\ B_1 = 357;\ q^{28},\ B_2 = 311$

$4252519^4 \Rightarrow 311 \cdot 7681 \cdot 19441 \cdot 128351 \cdot 54864211481,\ B_1 = 157$

$54864211481^2 \Rightarrow 7 \cdot 223 \cdot 277 \cdot P_{16},\ B_1 = 200$

$P_{16}^2 \Rightarrow 3 \cdot 140071 \cdot 193444878199 \cdot P_{15},\ B_1 = 263$

$P_{15}^2 \Rightarrow 3 \cdot 7 \cdot 1350244511299 \cdot P_{17},\ B_1 = 320$

$P_{15}^4 \Rightarrow 11 \cdot n,\ B_1 = 353;\ \ q^6,\ B_3 = 322$

$P_{16}^4 \Rightarrow 18671 \cdot P_{60},\ B_1 = 358$

$P_{16}^6 \Rightarrow n,\ B_1 = 358;\ \ q^{10},\ B_3 = 326$

$54864211481^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

$54864211481^6 \Rightarrow 953 \cdot P_{62},\ B_1 = 329$

$54864211481^{10} \Rightarrow 23 \cdot 397 \cdot n,\ B_1 = 354$

$54864211481^{12} \Rightarrow 13 \cdot 53 \cdot 547 \cdot n,\ B_1 = 399;\ \ q^{16},\ B_2 = 343$

$4252519^6 \Rightarrow 71 \cdot 84449 \cdot 13342393 \cdot P_{26},\ B_1 = 197$

$P_{26}^2 \Rightarrow 3 \cdot 19 \cdot 73 \cdot p_{49},\ B_1 = 300$

$P_{26}^4 \Rightarrow 11^2 \cdot 661 \cdot n,\ B_1 = 355;\ \ q^6,\ B_2 = 310$

$4252519^{10} \Rightarrow 23 \cdot 119131 \cdot 4721334526889791537 \cdot 33789365074868472763 \cdot P_{22},\ B_1 = 276$

$P_{22}^2 \Rightarrow 3 \cdot 13 \cdot 37 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 23^2 \cdot 37^2$

$P_{22}^4,\ B_3 = 319$

$4252519^{12} \Rightarrow 10065936397983470907963763 \cdot$
$26600666311326610686326876 3 \cdot p_{29},\ B_1 = 316$

$4252519^{16} \Rightarrow 103 \cdot 1361 \cdot 7481 \cdot 3142757 \cdot n,\ B_1 = 305$

$4252519^{18} \Rightarrow 229 \cdot n,\ B_1 = 318$

$4252519^{22} \Rightarrow 47 \cdot n,\ B_1 = 371;\ \ q^{28},\ B_2 = 371$

$2409829^4 \Rightarrow 11 \cdot P_{25},\ B_1 = 131$

$P_{25}^2 \Rightarrow 3 \cdot 13 \ldots,\ S\ \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13^2 \cdot 43^2$

$P_{25}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

$P_{25}^6 \Rightarrow 197 \cdot n,\ B_1 = 379;\ \ q^{10},\ B_2 = 489$

$2409829^6 \Rightarrow 29 \cdot 127 \cdot 9157 \cdot p_{31},\ B_1 = 165$

$p_{31}^2 \Rightarrow 313 \cdot 709 \cdot 18307 \cdot 14643930247 \cdot 50241311287 \cdot 15511794835249 \cdot p_{18},\ B_1 = 289$

$p_{18}^2 \Rightarrow 3 \cdot 7 \cdot n,\ B_1 = 323;\ \ q^4,\ B_3 = 324$

$p_{31}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

$p_{31}^6,\ B_2 = 369$

$2409829^{10} \Rightarrow 23 \cdot 67 \cdot 2707 \cdot p_{58},\ B_1 = 246$

$p_{58}^2 \Rightarrow 3 \cdot 7 \cdot 307 \cdot n,\ B_1 = 362;\ \ q^4,\ B_2 = 457$

$2409829^{12} \Rightarrow 131 \cdot 94771 \cdot p_{70},\ B_1 = 285$

$p_{70}^2 \Rightarrow 7 \cdot 61 \cdot n,\ B_1 = 424;\ \ q^4,\ B_2 = 555$

$2409829^{16} \Rightarrow 26723797 \cdot 74251649 \cdot p_{87},\ B_1 = 361$

$2409829^{18} \Rightarrow 457 \cdot 1483 \cdot 231877 \cdot 672943 \cdot n,\ B_1 = 302$

$2409829^{22} \Rightarrow 139 \cdot 829 \cdot n,\ B_1 = 341;\ \ q^{28},\ B_2 = 357$

$8824793797^2 \Rightarrow 3 \cdot 61 \cdot p_{18},\ B_1 = 79$

$p_{18}^1 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

$p_{18}^2 \Rightarrow 3 \cdot 13 \cdot 31 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13 \cdot 31^2 \cdot 43^2 \cdot 61^2$

$p_{18}^4 \Rightarrow 11^2 \cdot 281 \cdot 18244983038286697441384 1 \cdot p_{43},\ B_1 = 229$

$p_{43}^1 \Rightarrow 3 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 43^2 \cdot 61^2 \cdot 127^6$

$p_{43}^2 \Rightarrow n,\ B_1 = 333;\ \ q^4,\ B_2 = 341$

$p_{18}^6 \Rightarrow 43 \cdot 1554379 \cdot c_{98},\ B_1 = 273$

$1554379^2 \Rightarrow 3 \cdot 181 \cdot 373 \cdot 11929039,\ B_1 = 298$

$11929039^2 \Rightarrow 3 \cdot n,\ B_1 = 311;\ \ q^4,\ B_3 = 312$

$1554379^4 \Rightarrow 31 \cdot 691 \cdot n,\ B_1 = 314$

$1554379^6 \Rightarrow 7 \cdot n,\ B_1 = 334;\ \ q^{10},\ B_3 = 322$

$p_{18}^{10},\ B_2 = 352$

$8824793797^4 \Rightarrow 691 \cdot 941 \cdot 508821419651 \cdot p_{23},\ B_1 = 135$

$p_{23}^1 \Rightarrow 3^2 \cdot 17 \cdot 103 \cdot 1181 \cdot P_{15},\ B_1 = 178$

$P_{15}^2 \Rightarrow 7 \cdot 786645889 \cdot 2300865181 \cdot 19141890667,\ B_1 = 235$

$19141890667^2 \Rightarrow 3 \cdot 7 \cdot 13 \ldots,\ S\ \ 3^4 \cdot 7^4 \cdot 13^2 \cdot 17^2$

$19141890667^4 \Rightarrow 11 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 17^2$

$19141890667^6 \Rightarrow n,\ B_1 = 338;\ \ q^{10},\ B_3 = 318$

$P_{15}^4 \Rightarrow 11 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 17^2$

$P_{15}^6 \Rightarrow n,\ B_1 = 325$

$P_{15}^{10} \Rightarrow 23\ldots,\ S\ 3^4\cdot 7^2\cdot 17^2\cdot 23^2\cdot 43^2\cdot 103^2\cdot 127^6$

$P_{15}^{12},\ B_2 = 352$

$p_{23}^2 \Rightarrow 7\cdot 661\cdot 1582381\cdot 14933535113363089\cdot p_{19},\ B_1 = 227$

$p_{19}^1 \Rightarrow 7\cdot p_{18},\ B_1 = 263$

$p_{18}^2 \Rightarrow 3\cdot 19\cdot 70331254588753\cdot P_{20},\ B_1 = 331$

$p_{18}^4 \Rightarrow n,\ B_1 = 367;\ q^6,\ B_3 = 332$

$p_{19}^2 \Rightarrow 3\cdot 13\cdot 193\cdot 373\cdot 202999\cdot 284841523\cdot p_{17},\ B_1 = 301$

$p_{19}^4 \Rightarrow 5\ldots,\ S\ 3^2\cdot 5\cdot 7^2$

$p_{19}^6,\ B_3 = 303$

$p_{23}^4 \Rightarrow 5\ldots,\ S\ 3^2\cdot 5\cdot 7^2$

$p_{23}^6 \Rightarrow 659\cdot n,\ B_1 = 378;\ q^{10},\ B_2 = 445$

$8824793797^6 \Rightarrow 7\cdot 239\cdot 3851\cdot 42323\cdot 592057347953\cdot 116446518124847\cdot p_{23},\ B_1 = 193$

$p_{23}^1 \Rightarrow 3^2\cdot 17\cdot 4561\cdot 16144897\cdot 1114998887,\ B_1 = 237$

$1114998887^2 \Rightarrow 7\cdot 67\cdot 1873\cdot 492769\cdot 2872069,\ B_1 = 273$

$2872069^2 \Rightarrow 3\cdot 7\cdot 392799200611,\ B_1 = 296$

$3927992006 11^2 \Rightarrow 3\cdot n,\ B_1 = 320;\ q^4,\ B_3 = 319$

$2872069^4 \Rightarrow n,\ B_1 = 311$

$2872069^6 \Rightarrow 29\cdot 71\ldots,\ S\ 3^4\cdot 7^4\cdot 17^2\cdot 29^2\cdot 43^2\cdot 67^2\cdot 71^2$

$2872069^{10},\ B_3 = 324$

$1114998887^4 \Rightarrow 101\cdot 271\cdot 2011\cdot 232750211\cdot P_{21},\ B_1 = 327$

$1114998887^6 \Rightarrow 71^2\cdot n,\ B_1 = 327;\ q^{10},\ B_3 = 309$

$p_{23}^2 \Rightarrow 163\cdot 3195683246341\cdot p_{31},\ B_1 = 275$

$p_{31}^1 \Rightarrow n,\ B_1 = 305$

$p_{31}^2 \Rightarrow 3\cdot 13\cdot 31\cdot 61\cdot 499\cdot n,\ B_1 = 360;\ q^4,\ B_3 = 353$

$p_{23}^4 \Rightarrow 11\cdot n,\ B_1 = 339$

$p_{23}^6 \Rightarrow 7\cdot n,\ B_1 = 429;\ q^{10},\ B_2 = 448$

$8824793797^{10} \Rightarrow 1123\cdot 284131\cdot 684058417682568259\cdot p_{74},\ B_1 = 264$

$p_{74}^1 \Rightarrow 3\cdot n,\ B_1 = 336;\ q^2,\ B_3 = 332$

$8824793797^{12} \Rightarrow 13\cdot 157\cdot 281635841200039\cdot P_{102},\ B_1 = 391;\ q^{16},\ B_2 = 318$

$162709^4 \Rightarrow p_{21},\ B_1 = 69$

$p_{21}^1 \Rightarrow 3\cdot 182713\cdot p_{15},\ B_1 = 110$

$p_{15}^2 \Rightarrow 829\cdot 3541\cdot 14374663\cdot 62478139\cdot 155042347,\ B_1 = 169$

$155042347^2 \Rightarrow 3\cdot 37\cdot 19309\cdot 80173\cdot 139891,\ B_1 = 201$

$139891^2 \Rightarrow 3\cdot 1579\cdot 4131229,\ B_1 = 221$

$4131229^2 \Rightarrow 3\cdot 7\cdot 33679\cdot 24131269,\ B_1 = 245$

$24131269^2 \Rightarrow 3\cdot 4507\cdot 30559\cdot 1409329,\ B_1 = 275$

$1409329^2 \Rightarrow 3\cdot 73\cdot 9069450409,\ B_1 = 298$

$9069450409^2 \Rightarrow 3\cdot n,\ B_1 = 319;\ q^4,\ B_3 = 318$

$1409329^4 \Rightarrow 11\ldots,\ S\ 3^6\cdot 7^2\cdot 11^2\cdot 37^2\cdot 43^2$

$1409329^6 \Rightarrow 29\cdot 43\cdot 113\cdot n,\ B_1 = 338;\ q^{10},\ B_3 = 324$

$24131269^4 \Rightarrow 3232397801\cdot p_{21},\ B_1 = 319$

$24131269^6 \Rightarrow 7\cdot n,\ B_1 = 320;\ q^{10},\ B_3 = 304$

$4131229^4 \Rightarrow 11\ldots,\ S\ 3^4\cdot 7^2\cdot 11^2\cdot 37^2\cdot 43^2$

$4131229^6 \Rightarrow 43\cdot 39719\cdot 330877\cdot 24681876437\cdot P_{18},\ B_1 = 324$

$4131229^{10} \Rightarrow 67\cdot 199\cdot n,\ B_1 = 345$

$4131229^{12} \Rightarrow n,\ B_1 = 367;\ q^{16},\ B_3 = 314$

$139891^4 \Rightarrow 5\ldots,\ S\ 3^2\cdot 5^2\cdot 7^2$

$139891^6 \Rightarrow 29\cdot 127\cdot 48091\cdot p_{23},\ B_1 = 279$

$p_{23}^2 \Rightarrow 19\cdot 313\cdot n,\ B_1 = 328;\ q^4,\ B_3 = 324$

$139891^{10} \Rightarrow 67\cdot 2069\cdot 197803\cdot 852809\cdot 3617989\cdot n,\ B_1 = 316$

$139891^{12} \Rightarrow 53\cdot n,\ B_1 = 316$

$139891^{16} \Rightarrow n,\ B_1 = 355$

$139891^{18} \Rightarrow n,\ B_1 = 376;\ q^{22},\ B_3 = 304$

$155042347^4 \Rightarrow 11\cdot 251\cdot 641\cdot 941\cdot p_{24},\ B_1 = 251$

$p_{24}^2 \Rightarrow 7\cdot 13\ldots,\ S\ \ 3^2\cdot 7^2\cdot 11^2\cdot 13^2\cdot 43^2$

$p_{24}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^2$

$p_{24}^6,\ B_3 = 345$

$155042347^6 \Rightarrow 29\cdot 1597\cdot 25453\cdot 1076307159383\cdot P_{29},\ B_1 = 300$

$155042347^{10} \Rightarrow 67\cdot n,\ B_1 = 318$

$155042347^{12} \Rightarrow 53\cdot n,\ B_1 = 351$

$155042347^{16} \Rightarrow 17\cdot n,\ B_1 = 416;\ \ q^{18},\ B_3 = 300$

$p_{15}^4 \Rightarrow 191\cdot 37369771\cdot 1476372844561\cdot 256700032695258571\cdot P_{20},\ B_1 = 258$

$P_{20}^2 \Rightarrow 50047\cdot n,\ B_1 = 302$

$P_{20}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^2$

$P_{20}^6,\ B_3 = 337$

$p_{15}^6 \Rightarrow 3948322687\cdot$
$74757396408908627\cdot 232837138842672543995677079\cdot p_{36},\ B_1 = 347$

$p_{15}^{10} \Rightarrow 11\cdot n,\ B_1 = 377;\ \ q^{12},\ B_2 = 355$

$p_{21}^2 \Rightarrow 19\cdot 73\cdot 63211\cdot 19087279\cdot p_{27},\ B_1 = 146$

$p_{27}^1 \Rightarrow 23\cdot 25674676553\cdot P_{15},\ B_1 = 199$

$P_{15}^2 \Rightarrow 3\cdot 307\cdot 1163431\cdot P_{20},\ B_1 = 256$

$P_{20}^2 \Rightarrow 3\cdot 7\cdot 19\cdot 4873161253641367\cdot p_{22},\ B_1 = 330$

$P_{20}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^2$

$P_{20}^6,\ B_3 = 335$

$P_{15}^4 \Rightarrow 11\cdot 2011\cdot 13841\cdot 1418735551133321\cdot p_{34},\ B_1 = 343$

$P_{15}^6 \Rightarrow 7\cdot 43\cdot 71\cdot 113\cdot n,\ B_1 = 344;\ \ q^{10},\ B_3 = 314$

$p_{27}^2 \Rightarrow 3\cdot 19\cdot 68239\cdot 1196707\cdot 600678877\cdot P_{32},\ B_1 = 267$

$P_{32}^2 \Rightarrow 3\cdot 7\cdot 13\cdot 19\cdot n,\ B_1 = 331;\ \ q^4,\ B_3 = 330$

$p_{27}^4 \Rightarrow 5\cdot 41\cdot n,\ B_1 = 329;\ \ q^6,\ B_2 = 317$

$p_{21}^4 \Rightarrow 5\cdot 31\cdot 1091\cdot 1721\cdot 23987289356153889409818 41\cdot p_{51},\ B_1 = 247$

$p_{51}^1 \Rightarrow 37\cdot 1021193837\cdot n,\ B_1 = 308$

$p_{51}^2 \Rightarrow 3\ldots,\ S\ \ 3^2\cdot 5\cdot 7^2$

$p_{51}^4,\ B_2 = 404$

$p_{21}^6 \Rightarrow 6287\cdot 10711\cdot n,\ B_1 = 301;\ \ q^{10},\ B_2 = 416$

$162709^6 \Rightarrow 7\cdot 71\cdot 5767237398301\cdot P_{16},\ B_1 = 106$

$P_{16}^2 \Rightarrow 1814599\cdot 9196436593\cdot P_{16},\ B_1 = 170$

$P_{16}^2 \Rightarrow 3\cdot 13\cdot 73\cdot 79\cdot 868051231\cdot P_{17},\ B_1 = 231$

$P_{17}^2 \Rightarrow 3\cdot 13\cdot 1903779341341\cdot P_{20},\ B_1 = 294$

$P_{20}^2 \Rightarrow 3\cdot 7^2\cdot 13\ldots,\ S\ \ 3^4\cdot 7^4\cdot 13^4\cdot 43^2\cdot 71^2\cdot 73\cdot 79^2$

$P_{20}^4,\ B_3 = 332$

$P_{17}^4 \Rightarrow n,\ B_1 = 330$

$P_{17}^6 \Rightarrow n,\ B_1 = 396;\ \ q^{10},\ B_3 = 363$

$P_{16}^4 \Rightarrow 11\cdot 251\cdot 361673794672711\cdot P_{44},\ B_1 = 324$

$P_{16}^6 \Rightarrow 7\cdot 29\cdot n,\ B_1 = 326;\ \ q^{10},\ B_2 = 307$

$P_{16}^4 \Rightarrow 11\cdot 22031\cdot 14061661\cdot p_{51},\ B_1 = 226$

$p_{51}^1 \Rightarrow 1721\cdot 9049\cdot 10139\cdot 5264187869\cdot P_{30},\ B_1 = 327$

$p_{51}^2 \Rightarrow 3\cdot 151\cdot 523\cdot n,\ B_1 = 371;\ \ q^4,\ B_2 = 405$

$P_{16}^6 \Rightarrow 7\cdot 29\cdot 71\cdot 325602539627\cdot P_{80},\ B_1 = 356;\ \ q^{10},\ B_2 = 316$

$162709^{10} \Rightarrow P_{53},\ B_1 = 178$

$P_{53}^2 \Rightarrow 7\cdot 19\cdot 73\cdot 241\cdot 11509789\cdot 19087279\cdot 43505945101\cdot n,\ B_1 = 307;\ \ q^4,\ B_2 = 416$

$162709^{12} \Rightarrow 13\cdot 303082859\cdot P_{53},\ B_1 = 210$

$P_{53}^2 \Rightarrow 7^2\cdot 157\cdot 211\cdot n,\ B_1 = 320;\ \ q^4,\ B_2 = 423$

$162709^{16} \Rightarrow 103\cdot 149218997\cdot P_{74},\ B_1 = 269$

$P_{74}^2 \Rightarrow 3\cdot 7\cdot 19\cdot n,\ B_1 = 416;\ \ q^4,\ B_2 = 585$

$162709^{18} \Rightarrow 3307\cdot 4637\cdot 1326277\cdot 1411283\cdot 492609275393\cdot$
$338220607644037\cdot 14297636212139963\cdot p_{32},\ B_1 = 276$

$p_{32}^1 \Rightarrow n,\ B_1 = 308$

$p_{32}^2 \Rightarrow 3\cdot n,\ B_1 = 358;\ \ q^4,\ B_3 = 358$

1915: $162709^{22} \Rightarrow 47 \cdot 139 \cdot 829 \cdot 150053 \cdot P_{103},\ B_1 = 366$
1916: $162709^{28} \Rightarrow 59 \cdot n,\ B_1 = 316;\ q^{30},\ B_2 = 312$
1918: $127^{10} \Rightarrow 23 \cdot P_{20},\ B_1 = 63$
1919: $P_{20}^{2} \Rightarrow 3 \cdot 7 \cdot 193 \cdot 4152980103871 \cdot P_{24},\ B_1 = 139$
1920: $P_{24}^{2} \Rightarrow 3 \cdot 7 \cdot 103 \cdot 220897 \cdot P_{38},\ B_1 = 226$
1921: $P_{38}^{2} \Rightarrow 3 \cdot 37 \cdot n,\ B_1 = 303;\ q^{4},\ B_3 = 301$
1923: $P_{24}^{4} \Rightarrow 131 \cdot 7378995740864801 \cdot$
$639912959049631389517 1 \cdot 9252646445749049400601 \cdot p_{31},\ B_1 = 342$
1924: $P_{24}^{6} \Rightarrow 197 \cdot 547 \cdot n,\ B_1 = 375;\ q^{10},\ B_2 = 462$
1926: $P_{20}^{4} \Rightarrow 924790125546751 \cdot P_{64},\ B_1 = 259$
1927: $P_{64}^{2} \Rightarrow n,\ B_1 = 387;\ q^{4},\ B_2 = 510$
1929: $P_{20}^{6} \Rightarrow 43 \cdot 33038978287897 \cdot 7535414779919435364261249721 \cdot c_{76},\ B_1 = 275$
1930: $p_{28}^{1} \Rightarrow n,\ B_1 = 302$
1931: $p_{28}^{2} \Rightarrow 3 \cdot n,\ B_1 = 345;\ q^{4},\ B_3 = 345$
1933: $P_{20}^{10},\ B_2 = 393$
1934: $127^{12} \Rightarrow 12346432697 \cdot p_{16},\ B_1 = 60$
1935: $p_{16}^{1} \Rightarrow 3 \cdot 67 \cdot 1511 \cdot 2366169307,\ B_1 = 90$
1936: $2366169307^{2} \Rightarrow 3 \cdot 31 \cdot 61 \cdot 103 \cdot 5683 \cdot 1686024841,\ B_1 = 126$
1937: $1686024841^{2} \Rightarrow 3 \cdot 7 \cdot 127 \cdot 607 \cdot P_{13},\ B_1 = 159$
1938: $P_{13}^{2} \Rightarrow 3 \cdot 163 \cdot 364393 \cdot p_{17},\ B_1 = 207$
1939: $p_{17}^{2} \Rightarrow 3 \cdot 7 \cdot 363947677 \cdot 2927144683 \cdot p_{14},\ B_1 = 270$
1940: $p_{14}^{2} \Rightarrow 3 \cdot 19 \ldots,\ S\ \ 3^6 \cdot 7^2 \cdot 19^2 \cdot 31^2 \cdot 61^2 \cdot 67^2 \cdot 103^2 \cdot 127^{12} \cdot 163^2$
1941: $p_{14}^{4} \Rightarrow 11 \cdot 31 \ldots,\ S\ \ 3^6 \cdot 7^2 \cdot 11^2 \cdot 31^2 \cdot 61^2$
1942: $p_{14}^{6},\ B_3 = 323$
1943: $p_{17}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^2$
1944: $p_{17}^{6} \Rightarrow 29^2 \cdot 239 \cdot n,\ B_1 = 372;\ q^{10},\ B_3 = 337$
1946: $P_{13}^{4} \Rightarrow 251 \cdot 431 \cdot 16001 \cdot 18121 \cdot 3227771 \cdot P_{29},\ B_1 = 281$
1947: $P_{29}^{2} \Rightarrow n,\ B_1 = 339;\ q^{4},\ B_3 = 339$
1949: $P_{13}^{6} \Rightarrow 43 \cdot 15373 \cdot 2813063109487 \cdot n,\ B_1 = 300$
1950: $P_{13}^{10} \Rightarrow 11 \cdot 23 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 23^2 \cdot 31^2$
1951: $P_{13}^{12} \Rightarrow 13 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 31^2 \cdot 61^2 \cdot 67^2$
1952: $P_{13}^{16},\ B_2 = 391$
1953: $1686024841^{4} \Rightarrow 5 \cdot 151 \cdot 421 \cdot 4111 \cdot 5231 \cdot 69401 \cdot 528391 \cdot p_{14},\ B_1 = 219$
1954: $p_{14}^{2} \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^2$
1955: $p_{14}^{4} \Rightarrow 5 \cdot 118557135061 \cdot n,\ B_1 = 310$
1956: $p_{14}^{6} \Rightarrow n,\ B_1 = 354;\ q^{10},\ B_3 = 327$
1958: $1686024841^{6} \Rightarrow 4441529 \cdot 17892463 \cdot 28780782946148374 27 \cdot P_{24},\ B_1 = 274$
1959: $P_{24}^{2} \Rightarrow 337 \cdot 397 \cdot 409 \cdot n,\ B_1 = 328;\ q^{4},\ B_3 = 320$
1961: $1686024841^{10} \Rightarrow 215447 \cdot p_{87},\ B_1 = 385$
1962: $1686024841^{12} \Rightarrow 53 \cdot n,\ B_1 = 331$
1963: $1686024841^{16} \Rightarrow n,\ B_1 = 403;\ q^{18},\ B_2 = 332$
1965: $2366169307^{4} \Rightarrow 521 \cdot p_{35},\ B_1 = 184$
1966: $p_{35}^{2} \Rightarrow 3 \cdot 26597925042995557 \cdot p_{53},\ B_1 = 322$
1967: $p_{35}^{4} \Rightarrow 5 \cdot n,\ B_1 = 393;\ q^{6},\ B_2 = 417$
1969: $2366169307^{6} \Rightarrow 575401 \cdot 115924927375769 \cdot p_{37},\ B_1 = 240$
1970: $p_{37}^{2} \Rightarrow 19 \cdot 229 \cdot n,\ B_1 = 316;\ q^{4},\ B_3 = 313$
1972: $2366169307^{10} \Rightarrow 23 \cdot 34687153994850853 \cdot P_{76},\ B_1 = 352$
1973: $2366169307^{12} \Rightarrow 1327 \cdot 190997 \cdot n,\ B_1 = 304$
1974: $2366169307^{16} \Rightarrow n,\ B_1 = 371;\ q^{18},\ B_2 = 337$
1976: $p_{16}^{2} \Rightarrow 2503 \cdot 891859 \cdot P_{21},\ B_1 = 126$
1977: $P_{21}^{2} \Rightarrow 3 \cdot 7 \cdot 205436217781 \cdot p_{30},\ B_1 = 190$
1978: $p_{30}^{1} \Rightarrow 161009 \cdot 81920243 \cdot P_{16},\ B_1 = 248$
1979: $P_{16}^{2} \Rightarrow 3 \cdot 7 \cdot 3463 \cdot 3234361159 \cdot p_{18},\ B_1 = 309$
1980: $P_{16}^{4} \Rightarrow 11 \cdot 31 \cdot 101 \cdot 281 \cdot n,\ B_1 = 351;\ q^{6},\ B_3 = 312$

1982: $p_{30}^2 \Rightarrow 3\cdot 7\cdot 13\cdot P_{57},\ B_1 = 323$

1983: $p_{30}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5\cdot 7^2$

1984: $p_{30}^6,\ B_2 = 351$

1985: $P_{21}^4 \Rightarrow 11\cdot 31\cdot 199235831\cdot 1007229611\cdot p_{65},\ B_1 = 282$

1986: $p_{65}^1 \Rightarrow 7\cdot 11^2\cdot n,\ B_1 = 346;\ \ q^2,\ B_3 = 335$

1988: $P_{21}^6 \Rightarrow n,\ B_1 = 335;\ \ q^{10},\ B_2 = 419$

1990: $p_{16}^4 \Rightarrow 31\cdot 151\cdot 184976953991\cdot P_{46},\ B_1 = 217$

1991: $P_{46}^2 \Rightarrow 643\cdot n,\ B_1 = 311;\ \ q^4,\ B_2 = 365$

1993: $p_{16}^6 \Rightarrow 1409655816661\cdot 21642230062111\cdot$
$504905072680378839073907\cdot P_{42},\ B_1 = 306;\ \ q^{10},\ B_2 = 303$

1995: $127^{16} \Rightarrow 527532101\cdot 75755912653\cdot p_{15},\ B_1 = 86$

1996: $p_{15}^1 \Rightarrow 9377\cdot 6159328577,\ B_1 = 114$

1997: $6159328577^2 \Rightarrow 877\cdot 568237\cdot 76126812043,\ B_1 = 153$

1998: $76126812043^2 \Rightarrow 3\cdot 7\cdot 13^2\cdot 283\cdot 3592921\cdot 1605961699,\ B_1 = 194$

1999: $1605961699^2 \Rightarrow 3\cdot 108921649\cdot 7892869183,\ B_1 = 230$

2000: $7892869183^2 \Rightarrow 3\cdot 139591\cdot 853933\cdot 174207697,\ B_1 = 270$

2001: $174207697^2 \Rightarrow 3\cdot 127\cdot P_{14},\ B_1 = 298$

2002: $P_{14}^2 \Rightarrow 3\cdot 223\cdot n,\ B_1 = 328;\ \ q^4,\ B_3 = 325$

2004: $174207697^4 \Rightarrow 11\ldots,\ S\ \ 3^4\cdot 7^2\cdot 11^2\cdot 13^2$

2005: $174207697^6,\ B_3 = 303$

2006: $7892869183^4 \Rightarrow p_{40},\ B_1 = 329$

2007: $7892869183^6 \Rightarrow 29\cdot n,\ B_1 = 331;\ \ q^{10},\ B_3 = 309$

2009: $1605961699^4 \Rightarrow 7451\cdot 449821\cdot 157379215781\cdot P_{17},\ B_1 = 286$

2010: $P_{17}^2 \Rightarrow 19\cdot 31\cdot 199\ldots,\ S\ \ 3^2\cdot 7^2\cdot 13^2\cdot 19^2\cdot 31^2\cdot 127^{16}\cdot 199^2$

2011: $P_{17}^4,\ B_3 = 319$

2012: $1605961699^6 \Rightarrow 43\cdot 113\cdot 2241667\cdot p_{46},\ B_1 = 342$

2013: $1605961699^{10} \Rightarrow 11\cdot 23\ldots,\ S\ \ 3^2\cdot 7^2\cdot 11^2\cdot 13^2\cdot 23^2$

2014: $1605961699^{12} \Rightarrow 79\cdot 131\cdot n,\ B_1 = 401;\ \ q^{16},\ B_3 = 323$

2016: $76126812043^4 \Rightarrow 41\cdot 3251\cdot 1040051\cdot 385528631\cdot P_{24},\ B_1 = 262$

2017: $P_{24}^2 \Rightarrow 13\cdot 139\cdot n,\ B_1 = 313;\ \ q^4,\ B_3 = 310$

2019: $76126812043^6 \Rightarrow 29\cdot 464213\cdot 1244741\cdot 118563235126164555904313\cdot p_{30},\ B_1 = 327$

2020: $76126812043^{10} \Rightarrow 23\cdot n,\ B_1 = 350$

2021: $76126812043^{12} \Rightarrow 313\cdot n,\ B_1 = 395;\ \ q^{16},\ B_2 = 348$

2023: $6159328577^4 \Rightarrow 24843057804311\cdot P_{26},\ B_1 = 212$

2024: $P_{26}^2 \Rightarrow 1279\cdot 1440883\cdot 197104035490808833\cdot p_{25},\ B_1 = 315$

2025: $P_{26}^4 \Rightarrow 5\cdot n,\ B_1 = 367;\ \ q^6,\ B_3 = 315$

2027: $6159328577^6 \Rightarrow 40250687089895969\cdot P_{43},\ B_1 = 271$

2028: $P_{43}^2 \Rightarrow 97\cdot n,\ B_1 = 357;\ \ q^4,\ B_3 = 355$

2030: $6159328577^{10} \Rightarrow 1603339\cdot 432773683\cdot 8150068499\cdot n,\ B_1 = 315$

2031: $6159328577^{12} \Rightarrow 131\cdot n,\ B_1 = 331;\ \ q^{16},\ B_2 = 313$

2033: $p_{15}^2 \Rightarrow 3\cdot 7\cdot 157\cdot 35078521\cdot P_{18},\ B_1 = 146$

2034: $P_{18}^2 \Rightarrow 3\cdot 43\cdot 811\cdot P_{30},\ B_1 = 213$

2035: $P_{30}^2 \Rightarrow 3\cdot 240972368394352849\cdot P_{41},\ B_1 = 323$

2036: $P_{30}^4 \Rightarrow 191\cdot n,\ B_1 = 390;\ \ q^6,\ B_2 = 349$

2038: $P_{18}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5\cdot 7^2$

2039: $P_{18}^6 \Rightarrow 7\cdot n,\ B_1 = 316;\ \ q^{10},\ B_2 = 341$

2041: $p_{15}^4 \Rightarrow 11\cdot 273625252091\cdot p_{44},\ B_1 = 197$

2042: $p_{44}^1 \Rightarrow 3\cdot 73973\cdot 4393201541\cdot p_{29},\ B_1 = 284$

2043: $p_{29}^2 \Rightarrow n,\ B_1 = 341;\ \ q^4,\ B_3 = 341$

2045: $p_{44}^2 \Rightarrow 19\cdot 643\cdot n,\ B_1 = 322;\ \ q^4,\ B_2 = 350$

2047: $p_{15}^6 \Rightarrow 29\cdot 127\cdot 631\cdot 3127071426789919 1\cdot 503354853910630094320855979\cdot P_{35},\ B_1 = 310$

2048: $p_{15}^{10} \Rightarrow 67\cdot n,\ B_1 = 345;\ \ q^{12},\ B_2 = 337$

2050: $127^{18} \Rightarrow 496833428679257\cdot p_{24},\ B_1 = 90$

2051: $p_{24}^1 \Rightarrow 3\cdot 2826520111\cdot p_{13},\ B_1 = 136$

2052: $p_{13}^2 \Rightarrow 3\cdot157\cdot1152324307\cdot P_{15},\ B_1 = 187$
2053: $P_{15}^2 \Rightarrow 3\cdot7\cdot13^2\cdot1315155379849\cdot p_{13},\ B_1 = 241$
2054: $p_{13}^2 \Rightarrow 3\cdot7^2\cdot13^2\cdot p_{21},\ B_1 = 287$
2055: $p_{21}^2 \Rightarrow 3\cdot n,\ B_1 = 329;\ \ q^4,\ B_3 = 328$
2057: $p_{13}^4 \Rightarrow 11\ldots,\ S\ \ 3^4\cdot7^2\cdot11^2\cdot13^2$
2058: $p_{13}^6 \Rightarrow n,\ B_1 = 367;\ \ q^{10},\ B_3 = 342$
2060: $P_{15}^4 \Rightarrow 5\cdot6131\cdot2498395421\cdot2691232121\cdot P_{34},\ B_1 = 328$
2061: $P_{15}^6 \Rightarrow n,\ B_1 = 328;\ \ q^{10},\ B_3 = 300$
2063: $p_{13}^4 \Rightarrow 11\cdot98252127554551862763525 11\cdot p_{26},\ B_1 = 265$
2064: $p_{26}^2 \Rightarrow n,\ B_1 = 317;\ \ q^4,\ B_3 = 317$
2066: $p_{13}^6 \Rightarrow 337\cdot1296961051\cdot12320920126243\cdot P_{53},\ B_1 = 343$
2067: $p_{13}^{10} \Rightarrow 23\cdot397\cdot n,\ B_1 = 373;\ \ q^{12},\ B_2 = 310$
2069: $p_{24}^2 \Rightarrow 43\cdot307\cdot47713\cdot P_{38},\ B_1 = 191$
2070: $P_{38}^2 \Rightarrow 3\cdot7\cdot73\cdot181\cdot327823\cdot253227097\cdot P_{56},\ B_1 = 341;\ \ q^4,\ B_2 = 300$
2072: $p_{24}^4 \Rightarrow 5\cdot311\cdot16675531\cdot p_{83},\ B_1 = 263$
2073: $p_{83}^1 \Rightarrow 379\cdot n,\ B_1 = 347;\ \ q^2,\ B_3 = 330$
2075: $p_{24}^6 \Rightarrow 7\cdot71\cdot n,\ B_1 = 333;\ \ q^{10},\ B_2 = 463$
2077: $127^{22} \Rightarrow p_{47},\ B_1 = 92$
2078: $p_{47}^1 \Rightarrow 3\cdot11\cdot43\cdot92353\cdot P_{38},\ B_1 = 184$
2079: $P_{38}^2 \Rightarrow 7\cdot13\cdot19\ldots,\ S\ \ 3^2\cdot7^2\cdot11^2\cdot13^2\cdot19^2$
2080: $P_{38}^4,\ B_2 = 302$
2081: $p_{47}^2 \Rightarrow 7\cdot13\cdot31\cdot97\cdot1231\cdot119618327526605583793309\cdot$
$242258129007597590596586 17\cdot p_{36},\ B_1 = 288$
2082: $p_{36}^1 \Rightarrow 191\cdot n,\ B_1 = 325$
2083: $p_{36}^2 \Rightarrow 3\cdot19\cdot67\ldots,\ S\ \ 3^2\cdot7^2\cdot13\cdot19^2\cdot31^2\cdot67^2$
2084: $p_{36}^4,\ B_3 = 369$
2085: $p_{47}^4,\ B_2 = 370$
2086: $127^{28} \Rightarrow 59\cdot1454119\cdot36157263917\cdot p_{41},\ B_1 = 136$
2087: $p_{41}^1 \Rightarrow 3\cdot23\cdot8233\cdot4418831\cdot32614343323187\cdot p_{15},\ B_1 = 216$
2088: $p_{15}^2 \Rightarrow 13\cdot19\cdot37\cdot1528366755967\cdot P_{13},\ B_1 = 273$
2089: $P_{13}^2 \Rightarrow 3\cdot13\cdot164653\cdot n,\ B_1 = 301$
2090: $P_{13}^4 \Rightarrow 5\cdot11\ldots,\ S\ \ 3^2\cdot5^2\cdot11^2\cdot13^2$
2091: $P_{13}^6,\ B_3 = 322$
2092: $p_{15}^4 \Rightarrow 461\cdot571\cdot n,\ B_1 = 307$
2093: $p_{15}^6 \Rightarrow 71\cdot n,\ B_1 = 360;\ \ q^{10},\ B_3 = 330$
2095: $p_{41}^2 \Rightarrow 7^2\cdot13\cdot103\cdot p_{77},\ B_1 = 260$
2096: $p_{77}^1 \Rightarrow 67\cdot73\cdot367\cdot n,\ B_1 = 342;\ \ q^2,\ B_3 = 326$
2098: $p_{41}^4,\ B_2 = 323$
2099: $127^{30} \Rightarrow p_{64},\ B_1 = 126$
2100: $p_{64}^1 \Rightarrow 2549\cdot p_{60},\ B_1 = 251$
2101: $p_{60}^2 \Rightarrow 7\cdot43\cdot n,\ B_1 = 373;\ \ q^4,\ B_2 = 475$
2103: $p_{64}^2 \Rightarrow 3\cdot229\cdot n,\ B_1 = 316;\ \ q^4,\ B_2 = 504$
2105: $127^{36} \Rightarrow 149\cdot190074632153321\cdot p_{60},\ B_1 = 167$
2106: $p_{60}^1 \Rightarrow 5^2\cdot7\cdot347\cdot1759\cdot46267235435736308530 8173\cdot p_{28},\ B_1 = 284$
2107: $p_{28}^2 \Rightarrow 3\cdot7\ldots,\ S\ \ 3^2\cdot5^2\cdot7^2$
2108: $p_{28}^4,\ B_3 = 339$
2109: $p_{60}^2 \Rightarrow 3\cdot n,\ B_1 = 331;\ \ q^4,\ B_2 = 474$
2111: $127^{40} \Rightarrow 83\cdot99349069\cdot P_{75},\ B_1 = 244$
2112: $P_{75}^2 \Rightarrow 3\cdot109\cdot n,\ B_1 = 395;\ \ q^4,\ B_2 = 593$
2114: $127^{42} \Rightarrow 947\cdot c_{86},\ B_1 = 179$
2115: $947^2 \Rightarrow 7\cdot277\cdot463,\ B_1 = 189$
2116: $463^2 \Rightarrow 3\cdot19\cdot3769,\ B_1 = 198$
2117: $3769^1 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot5^2\cdot7^2$
2118: $3769^2 \Rightarrow 3\cdot19\cdot109\cdot2287,\ B_1 = 210$

2119: $2287^2 \Rightarrow 3 \cdot 19 \cdot 91801,\ B_1 = 221$
2120: $91801^1 \Rightarrow 197 \cdot 233,\ B_1 = 230$
2121: $233^2 \Rightarrow 7 \cdot 7789,\ B_1 = 238$
2122: $7789^2 \Rightarrow 3 \cdot 43 \cdot 470359,\ B_1 = 253$
2123: $470359^2 \Rightarrow 3 \cdot 157 \cdot 163 \cdot 2881717,\ B_1 = 275$
2124: $2881717^2 \Rightarrow 3 \cdot 331 \cdot 5059 \cdot 1653061,\ B_1 = 300$
2125: $2881717^4 \Rightarrow 11 \ldots,\ S\ \ 3^6 \cdot 7^2 \cdot 11^2 \cdot 19^4$
2126: $2881717^6,\ B_3 = 301$
2127: $470359^4 \Rightarrow 2411 \cdot P_{20},\ B_1 = 309$
2128: $470359^6 \Rightarrow 7 \cdot n,\ B_1 = 310$
2129: $470359^{10} \Rightarrow 23 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 19^4 \cdot 23^2 \cdot 43^2 \cdot 109^2 \cdot 127^{42} \cdot 197^2$
2130: $470359^{12},\ B_3 = 309$
2131: $7789^4 \Rightarrow 31 \cdot 123311 \cdot 962983981,\ B_1 = 277$
2132: $962983981^2 \Rightarrow 3 \cdot 123373 \cdot 1528771 \cdot 1638907,\ B_1 = 312$
2133: $962983981^4 \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^2$
2134: $962983981^6,\ B_3 = 313$
2135: $7789^6 \Rightarrow 10067 \cdot 11299 \cdot 506479 \cdot 3876541733,\ B_1 = 300$
2136: $7789^{10} \Rightarrow 11 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 19^4$
2137: $7789^{12} \Rightarrow 131 \cdot 313 \cdot n,\ B_1 = 328$
2138: $7789^{16} \Rightarrow 103 \cdot 307 \cdot n,\ B_1 = 359;\ \ q^{18},\ B_3 = 300$
2140: $233^4 \Rightarrow 31 \cdot 95483851,\ B_1 = 254$
2141: $95483851^2 \Rightarrow 3 \cdot P_{16},\ B_1 = 285$
2142: $P_{16}^2 \Rightarrow 3 \cdot n,\ B_1 = 316;\ \ q^4,\ B_3 = 316$
2144: $95483851^4 \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^2$
2145: $95483851^6 \Rightarrow 7 \cdot n,\ B_1 = 333;\ \ q^{10},\ B_3 = 318$
2147: $233^6 \Rightarrow 71 \cdot 197 \cdot 11488911589,\ B_1 = 264$
2148: $11488911589^2 \Rightarrow 3 \cdot 151 \cdot 1549 \cdot 9721 \cdot 19350723703,\ B_1 = 303$
2149: $11488911589^4 \Rightarrow 31 \cdot 691 \cdot n,\ B_1 = 328;\ \ q^6,\ B_3 = 304$
2151: $233^{10} \Rightarrow 23 \cdot 4494621011 \cdot P_{13},\ B_1 = 297$
2152: $P_{13}^2 \Rightarrow 3 \cdot 7 \cdot 13 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^4 \cdot 23^2$
2153: $P_{13}^4,\ B_3 = 322$
2154: $233^{12} \Rightarrow 2887 \cdot 785620343 \cdot p_{17},\ B_1 = 311$
2155: $233^{16} \Rightarrow n,\ B_1 = 301$
2156: $233^{18} \Rightarrow 761 \cdot n,\ B_1 = 314$
2157: $233^{22} \Rightarrow 599 \cdot n,\ B_1 = 333$
2158: $233^{28} \Rightarrow 29 \cdot n,\ B_1 = 360$
2159: $233^{30} \Rightarrow n,\ B_1 = 368;\ \ q^{36},\ B_3 = 311$
2161: $91801^2 \Rightarrow 3 \cdot 127^2 \cdot 174169,\ B_1 = 231$
2162: $174169^1 \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^2$
2163: $174169^2 \Rightarrow 3 \cdot 7 \cdot 37 \cdot 73 \cdot 534811,\ B_1 = 253$
2164: $534811^2 \Rightarrow 3 \cdot 7 \cdot 307 \cdot 44365339,\ B_1 = 275$
2165: $44365339^2 \Rightarrow 3 \cdot 7 \cdot 97 \cdot 103 \ldots,\ S\ \ 3^8 \cdot 7^4 \cdot 19^4 \cdot 37 \cdot 73^2 \cdot 97^2 \cdot 103^2 \cdot 109^2 \cdot 127^{42} \cdot 277^2$
2166: $44365339^4 \Rightarrow 41 \ldots,\ S\ \ 3^6 \cdot 7^4 \cdot 19^4 \cdot 37 \cdot 41^2 \cdot 73^2 \cdot 109^2 \cdot 127^{42}$
2167: $44365339^6,\ B_3 = 306$
2168: $534811^4 \Rightarrow 5 \ldots,\ S\ \ 3^6 \cdot 5 \cdot 7^2$
2169: $534811^6 \Rightarrow n,\ B_1 = 311$
2170: $534811^{10} \Rightarrow 617 \cdot n,\ B_1 = 359;\ \ q^{12},\ B_3 = 311$
2172: $174169^4 \Rightarrow 271 \cdot 19501 \cdot 79301 \cdot 2195740891,\ B_1 = 284$
2173: $2195740891^2 \Rightarrow 3 \cdot n,\ B_1 = 303;\ \ q^4,\ B_3 = 303$
2175: $174169^6 \Rightarrow 29 \cdot 757 \cdot 6959 \cdot p_{24},\ B_1 = 297$
2176: $p_{24}^1 \Rightarrow 37 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 19^4 \cdot 29^2 \cdot 37^2 \cdot 109^2 \cdot 127^{42} \cdot 277^2 \cdot 463^2 \cdot 757^2$
2177: $p_{24}^2,\ B_3 = 317$
2178: $174169^{10} \Rightarrow 23 \cdot 353 \cdot 617 \cdot 683 \cdot n,\ B_1 = 338$
2179: $174169^{12} \Rightarrow 599 \cdot n,\ B_1 = 352;\ \ q^{16},\ B_3 = 307$

2181: $91801^{4} \Rightarrow 5\ldots,\ S\ 3^4\cdot 5\cdot 7^2$

2182: $91801^{6} \Rightarrow 29\cdot 4999\cdot p_{25},\ B_1 = 281$

2183: $p_{25}^{1} \Rightarrow 3\cdot n,\ B_1 = 305;\ q^2,\ B_3 = 303$

2185: $91801^{10} \Rightarrow 23\cdot 199\cdot n,\ B_1 = 317$

2186: $91801^{12} \Rightarrow n,\ B_1 = 333$

2187: $91801^{16} \Rightarrow 17\cdot n,\ B_1 = 374;\ q^{18},\ B_3 = 303$

2189: $2287^{4} \Rightarrow 10631\cdot 2574426391,\ B_1 = 244$

2190: $2574426391^{2} \Rightarrow 3\cdot 12457\cdot P_{15},\ B_1 = 280$

2191: $P_{15}^{2} \Rightarrow 3\cdot 7\cdot n,\ B_1 = 307;\ q^4,\ B_3 = 308$

2193: $2574426391^{4} \Rightarrow 5\ldots,\ S\ 3^2\cdot 5\cdot 7^2$

2194: $2574426391^{6} \Rightarrow 29\cdot 71\cdot 113\cdot 211\cdot n,\ B_1 = 346;\ q^{10},\ B_3 = 319$

2196: $2287^{6} \Rightarrow 29^2\cdot 144399011\cdot 1178763587,\ B_1 = 261$

2197: $1178763587^{2} \Rightarrow p_{19},\ B_1 = 282$

2198: $p_{19}^{1} \Rightarrow 29\cdot n,\ B_1 = 301$

2199: $p_{19}^{2} \Rightarrow 3\cdot 13\ldots,\ S\ 3^4\cdot 7^2\cdot 13\cdot 19^2\cdot 29^2$

2200: $p_{19}^{4},\ B_3 = 334$

2201: $1178763587^{4} \Rightarrow 41\cdot 991\cdot n,\ B_1 = 320$

2202: $1178763587^{6} \Rightarrow 7\cdot 29\cdot 281\cdot n,\ B_1 = 355;\ q^{10},\ B_3 = 334$

2204: $2287^{10} \Rightarrow 67\cdot P_{32},\ B_1 = 304$

2205: $2287^{12} \Rightarrow 131\cdot 91358489\cdot P_{31},\ B_1 = 319$

2206: $2287^{16} \Rightarrow n,\ B_1 = 311$

2207: $2287^{18} \Rightarrow n,\ B_1 = 324$

2208: $2287^{22} \Rightarrow 139\cdot n,\ B_1 = 353$

2209: $2287^{28} \Rightarrow 59\cdot n,\ B_1 = 393;\ q^{30},\ B_3 = 304$

2211: $3769^{4} \Rightarrow 154871\cdot 1303315891,\ B_1 = 235$

2212: $1303315891^{2} \Rightarrow 3\cdot 510007639\cdot 1110200569,\ B_1 = 264$

2213: $1110200569^{1} \Rightarrow 5\ldots,\ S\ 3^2\cdot 5^2\cdot 7^2$

2214: $1110200569^{2} \Rightarrow 3\cdot 7\cdot P_{17},\ B_1 = 305$

2215: $1110200569^{4} \Rightarrow 11\cdot 61\ldots,\ S\ 3^2\cdot 7^2\cdot 11^2\cdot 19^2\cdot 61\cdot 127^{42}\cdot 277^2$

2216: $1110200569^{6},\ B_3 = 307$

2217: $1303315891^{4} \Rightarrow 5\ldots,\ S\ 3^2\cdot 5\cdot 7^2$

2218: $1303315891^{6} \Rightarrow n,\ B_1 = 326;\ q^{10},\ B_3 = 308$

2220: $3769^{6} \Rightarrow 491\cdot 53327\cdot 319411\cdot 342841633,\ B_1 = 250$

2221: $342841633^{1} \Rightarrow 23\cdot 7453079,\ B_1 = 267$

2222: $7453079^{2} \Rightarrow 7\cdot 457\cdot 17364299479,\ B_1 = 293$

2223: $17364299479^{2} \Rightarrow 3\cdot 7\cdot n,\ B_1 = 314;\ q^4,\ B_3 = 313$

2225: $7453079^{4} \Rightarrow 101\cdot 181\cdot 571\cdot n,\ B_1 = 315$

2226: $7453079^{6} \Rightarrow n,\ B_1 = 336;\ q^{10},\ B_3 = 322$

2228: $342841633^{2} \Rightarrow 3\cdot 103\cdot 1201\cdot 63277\cdot 5005411,\ B_1 = 287$

2229: $5005411^{2} \Rightarrow 3\cdot n,\ B_1 = 301;\ q^4,\ B_3 = 301$

2231: $342841633^{4} \Rightarrow 31\cdot 151\cdot n,\ B_1 = 311$

2232: $342841633^{6} \Rightarrow 7\cdot n,\ B_1 = 341;\ q^{10},\ B_3 = 325$

2234: $3769^{10} \Rightarrow 972905077\cdot 167560418807\cdot p_{16},\ B_1 = 286$

2235: $p_{16}^{1} \Rightarrow 5\ldots,\ S\ 3^2\cdot 5^2\cdot 7^2$

2236: $p_{16}^{2} \Rightarrow 3\cdot n,\ B_1 = 324;\ q^4,\ B_3 = 324$

2238: $3769^{12} \Rightarrow 2599741\cdot p_{37},\ B_1 = 287$

2239: $p_{37}^{1} \Rightarrow 37\cdot n,\ B_1 = 325;\ q^2,\ B_3 = 317$

2241: $3769^{16} \Rightarrow 103\cdot 443\cdot n,\ B_1 = 311$

2242: $3769^{18} \Rightarrow n,\ B_1 = 321$

2243: $3769^{22} \Rightarrow 47\cdot n,\ B_1 = 351$

2244: $3769^{28} \Rightarrow n,\ B_1 = 392$

2245: $3769^{30} \Rightarrow n,\ B_1 = 407;\ q^{36},\ B_3 = 321$

2247: $463^{4} \Rightarrow 881\cdot 52274161,\ B_1 = 210$

2248: $52274161^{1} \Rightarrow 347\cdot 75323,\ B_1 = 225$

$75323^{2} \Rightarrow 19 \cdot 8887 \cdot 33601,\ B_1 = 244$

$33601^{2} \Rightarrow 3 \cdot 13 \cdot 28950277,\ B_1 = 262$

$28950277^{2} \Rightarrow 3 \cdot 193 \cdot 3967 \cdot 364892299,\ B_1 = 291$

$364892299^{2} \Rightarrow 3 \cdot 7^{3} \ldots,\ S\ \ 3^{4} \cdot 7^{4} \cdot 13^{2} \cdot 19^{2} \cdot 127^{42}$

$364892299^{4},\ B_3 = 309$

$28950277^{4} \Rightarrow 11 \ldots,\ S\ \ 3^{2} \cdot 7^{2} \cdot 11^{2} \cdot 13^{2} \cdot 19^{2}$

$28950277^{6} \Rightarrow 43 \cdot 113 \ldots,\ S\ \ 3^{2} \cdot 7^{2} \cdot 13^{2} \cdot 19^{2} \cdot 43^{2} \cdot 113^{2} \cdot 127^{42} \cdot 277^{2}$

$28950277^{10},\ B_3 = 322$

$33601^{4} \Rightarrow 5 \cdot 401 \cdot 36541 \cdot 17399105861,\ B_1 = 290$

$17399105861^{2} \Rightarrow 7 \cdot 109 \cdot n,\ B_1 = 311;\ \ q^{4},\ B_3 = 310$

$33601^{6} \Rightarrow 7 \cdot 3109 \cdot 11579 \cdot P_{19},\ B_1 = 315$

$33601^{10} \Rightarrow n,\ B_1 = 326$

$33601^{12} \Rightarrow 859 \cdot n,\ B_1 = 347;\ \ q^{16},\ B_3 = 308$

$75323^{4} \Rightarrow 541 \cdot 26501 \cdot 61981 \cdot 36224141,\ B_1 = 274$

$36224141^{2} \Rightarrow 7 \cdot 73 \cdot 39397 \cdot 65179669,\ B_1 = 302$

$36224141^{4} \Rightarrow 5 \cdot 101 \cdot 911 \cdot n,\ B_1 = 325;\ \ q^{6},\ B_3 = 304$

$75323^{6} \Rightarrow 421^{2} \cdot 673 \cdot 6581 \cdot p_{18},\ B_1 = 298$

$p_{18}^{2} \Rightarrow 37 \cdot n,\ B_1 = 334;\ \ q^{4},\ B_3 = 332$

$75323^{10} \Rightarrow 67 \cdot 397 \cdot n,\ B_1 = 317$

$75323^{12} \Rightarrow 13 \cdot 53 \cdot n,\ B_1 = 335$

$75323^{16} \Rightarrow 103 \cdot 443 \cdot n,\ B_1 = 376;\ \ q^{18},\ B_3 = 303$

$52274161^{2} \Rightarrow 3 \cdot 7^{2} \cdot p_{14},\ B_1 = 234$

$p_{14}^{1} \Rightarrow 5 \ldots,\ S\ \ 3^{2} \cdot 5^{2} \cdot 7^{4}$

$p_{14}^{2} \Rightarrow 3 \cdot 61^{2} \cdot 3906007879 \cdot P_{13},\ B_1 = 293$

$P_{13}^{2} \Rightarrow 3 \cdot 13 \cdot 337 \cdot n,\ B_1 = 322;\ \ q^{4},\ B_3 = 318$

$p_{14}^{4} \Rightarrow 11 \cdot 41 \cdot n,\ B_1 = 326$

$p_{14}^{6} \Rightarrow 211 \cdot 337 \cdot n,\ B_1 = 382;\ \ q^{10},\ B_3 = 350$

$52274161^{4} \Rightarrow 5 \cdot 11 \cdot 31 \cdot 631 \cdot 72481 \cdot P_{20},\ B_1 = 290$

$P_{20}^{2} \Rightarrow 7 \cdot 463 \cdot n,\ B_1 = 327;\ \ q^{4},\ B_3 = 330$

$52274161^{6} \Rightarrow 26153 \cdot P_{42},\ B_1 = 337$

$52274161^{10} \Rightarrow 67 \cdot n,\ B_1 = 356$

$52274161^{12} \Rightarrow 53 \cdot 131 \cdot n,\ B_1 = 388;\ \ q^{16},\ B_3 = 323$

$463^{6} \Rightarrow 7 \cdot 71 \cdot p_{14},\ B_1 = 219$

$p_{14}^{1} \Rightarrow 3^{2} \cdot 5 \ldots,\ S\ \ 3^{2} \cdot 5^{2} \cdot 7^{2}$

$p_{14}^{2} \Rightarrow 8390311 \cdot 40711519 \cdot P_{13},\ B_1 = 283$

$P_{13}^{2} \Rightarrow 3 \cdot 7^{2} \cdot 13^{2} \cdot 37 \cdot n,\ B_1 = 309;\ \ q^{4},\ B_3 = 307$

$p_{14}^{4} \Rightarrow 11 \cdot 641 \cdot n,\ B_1 = 313$

$p_{14}^{6} \Rightarrow 7 \cdot 463 \cdot n,\ B_1 = 361;\ \ q^{10},\ B_3 = 336$

$463^{10} \Rightarrow 11 \cdot 23 \cdot 5479 \cdot 1546150189 \cdot 211677855071,\ B_1 = 257$

$211677855071^{2} \Rightarrow 7 \cdot 19 \cdot p_{21},\ B_1 = 289$

$p_{21}^{1} \Rightarrow n,\ B_1 = 309;\ \ q^{2},\ B_3 = 300$

$211677855071^{4} \Rightarrow 5 \cdot 31 \cdot n,\ B_1 = 327;\ \ q^{6},\ B_3 = 302$

$463^{12} \Rightarrow 313 \cdot 859 \cdot 12243815819 \cdot p_{17},\ B_1 = 265$

$p_{17}^{1} \Rightarrow 3 \cdot 11 \cdot 1663303 \cdot 269117111,\ B_1 = 298$

$269117111^{2} \Rightarrow 7 \cdot 13 \ldots,\ S\ \ 3^{2} \cdot 7^{2} \cdot 11^{2} \cdot 13^{2} \cdot 127^{42}$

$269117111^{4},\ B_3 = 314$

$p_{17}^{2} \Rightarrow 487 \cdot n,\ B_1 = 315;\ \ q^{4},\ B_3 = 312$

$463^{16} \Rightarrow 10847 \cdot 88129 \cdot 69432867826513 \cdot P_{20},\ B_1 = 300$

$463^{18} \Rightarrow 76001 \cdot 741457 \cdot 57366524707 \cdot P_{27},\ B_1 = 324$

$463^{22} \Rightarrow n,\ B_1 = 301$

$463^{28} \Rightarrow n,\ B_1 = 333$

$463^{30} \Rightarrow n,\ B_1 = 343$

$463^{36} \Rightarrow 149 \cdot 223 \cdot n,\ B_1 = 380$

$463^{40} \Rightarrow 83 \cdot 821 \cdot n,\ B_1 = 401$

2317: $463^{42} \Rightarrow 173 \cdot 431 \cdot n,\ B_1 = 412;\ \ q^{46},\ B_3 = 306$

2319: $947^{4} \Rightarrow 181 \cdot 4448157781,\ B_1 = 199$

2320: $4448157781^{1} \Rightarrow 4133 \cdot 538127,\ B_1 = 218$

2321: $538127^{2} \Rightarrow 7 \cdot 577 \cdot 71696263,\ B_1 = 241$

2322: $71696263^{2} \Rightarrow 3 \cdot 7 \cdot 2833 \cdot 6151 \cdot 14046931,\ B_1 = 271$

2323: $14046931^{2} \Rightarrow 3 \cdot 31 \cdot 9043 \cdot 234621307,\ B_1 = 298$

2324: $234621307^{2} \Rightarrow 3 \cdot 7 \cdot 67 \cdot 97 \cdot n,\ B_1 = 320;\ \ q^{4},\ B_3 = 315$

2326: $14046931^{4} \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

2327: $14046931^{6} \Rightarrow 43^{2} \cdot n,\ B_1 = 342;\ \ q^{10},\ B_3 = 328$

2329: $71696263^{4} \Rightarrow 1764547168156001 \cdot p_{17},\ B_1 = 319$

2330: $71696263^{6} \Rightarrow 43 \cdot 71 \cdot 127 \cdot n,\ B_1 = 321;\ \ q^{10},\ B_3 = 304$

2332: $538127^{4} \Rightarrow 14737241 \cdot 64873031 \cdot 87712111,\ B_1 = 275$

2333: $87712111^{2} \Rightarrow 3 \cdot 7 \cdot 631 \cdot 260959 \cdot 2224837,\ B_1 = 307$

2334: $87712111^{4} \Rightarrow 5 \cdot 11 \cdot n,\ B_1 = 325;\ \ q^{6},\ B_3 = 307$

2336: $538127^{6} \Rightarrow 38606257691 \cdot P_{24},\ B_1 = 310$

2337: $538127^{10} \Rightarrow n,\ B_1 = 321$

2338: $538127^{12} \Rightarrow n,\ B_1 = 344$

2339: $538127^{16} \Rightarrow 919 \cdot n,\ B_1 = 393;\ \ q^{18},\ B_3 = 310$

2341: $4448157781^{2} \Rightarrow 3 \cdot 7 \cdot 79 \cdot 24121717 \cdot 494431081,\ B_1 = 239$

2342: $494431081^{1} \Rightarrow 137 \cdot 1804493,\ B_1 = 256$

2343: $1804493^{2} \Rightarrow P_{13},\ B_1 = 281$

2344: $P_{13}^{2} \Rightarrow 3 \cdot 31 \cdot n,\ B_1 = 307;\ \ q^{4},\ B_3 = 306$

2346: $1804493^{4} \Rightarrow 11 \cdot 49391 \cdot 281791 \cdot P_{14},\ B_1 = 318$

2347: $1804493^{6} \Rightarrow 43 \cdot 113 \cdot n,\ B_1 = 322;\ \ q^{10},\ B_3 = 306$

2349: $494431081^{2} \Rightarrow 3 \cdot 7 \cdot P_{17},\ B_1 = 272$

2350: $P_{17}^{2} \Rightarrow 3 \cdot 7 \cdot 43 \cdot n,\ B_1 = 307;\ \ q^{4},\ B_3 = 304$

2352: $494431081^{4} \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^2$

2353: $494431081^{6} \Rightarrow n,\ B_1 = 327;\ \ q^{10},\ B_3 = 310$

2355: $4448157781^{4} \Rightarrow 5 \cdot p_{38},\ B_1 = 268$

2356: $p_{38}^{1} \Rightarrow n,\ B_1 = 305;\ \ q^{2},\ B_3 = 303$

2358: $4448157781^{6} \Rightarrow n,\ B_1 = 303$

2359: $4448157781^{10} \Rightarrow 11 \cdot 23 \cdot n,\ B_1 = 383;\ \ q^{12},\ B_3 = 303$

2361: $947^{6} \Rightarrow p_{18},\ B_1 = 209$

2362: $p_{18}^{1} \Rightarrow 17 \cdot 29 \cdot 132929 \cdot 5508864167,\ B_1 = 244$

2363: $5508864167^{2} \Rightarrow 7 \cdot P_{19},\ B_1 = 283$

2364: $P_{19}^{2} \Rightarrow 3 \cdot 7 \cdot 193 \cdot n,\ B_1 = 322;\ \ q^{4},\ B_3 = 320$

2366: $5508864167^{4} \Rightarrow 11 \cdot n,\ B_1 = 304$

2367: $5508864167^{6} \Rightarrow n,\ B_1 = 341;\ \ q^{10},\ B_3 = 322$

2369: $p_{18}^{2} \Rightarrow 3 \cdot 476430929509 \cdot p_{24},\ B_1 = 275$

2370: $p_{24}^{1} \Rightarrow 17 \cdot 139 \cdot n,\ B_1 = 301$

2371: $p_{24}^{2} \Rightarrow 3 \cdot 67 \cdot 337 \cdot n,\ B_1 = 338;\ \ q^{4},\ B_3 = 334$

2373: $p_{18}^{4} \Rightarrow n,\ B_1 = 334$

2374: $p_{18}^{6} \Rightarrow 7 \cdot n,\ B_1 = 406;\ \ q^{10},\ B_3 = 370$

2376: $947^{10} \Rightarrow 11 \cdot 23 \cdot 67 \cdot 859 \cdot 991 \cdot 2267 \cdot p_{17},\ B_1 = 246$

2377: $p_{17}^{1} \Rightarrow 3 \cdot 5 \cdot 7 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

2378: $p_{17}^{2} \Rightarrow 13 \cdot 1789 \cdot P_{29},\ B_1 = 324$

2379: $p_{17}^{4} \Rightarrow 41 \cdot n,\ B_1 = 360;\ \ q^{6},\ B_3 = 328$

2381: $947^{12} \Rightarrow 53 \cdot 198251 \cdot P_{29},\ B_1 = 279$

2382: $P_{29}^{2} \Rightarrow 3 \cdot 7^2 \cdot 43 \cdot n,\ B_1 = 338;\ \ q^{4},\ B_3 = 336$

2384: $947^{16} \Rightarrow 647 \cdot 1973 \cdot 3061 \cdot 15205447 \cdot 191038934359769 \cdot p_{17},\ B_1 = 300$

2385: $947^{18} \Rightarrow 2129 \cdot 1972699891 \cdot P_{41},\ B_1 = 331$

2386: $947^{22} \Rightarrow 47 \cdot n,\ B_1 = 306$

2387: $947^{28} \Rightarrow 59 \cdot 349 \cdot n,\ B_1 = 342$

2388: $947^{30} \Rightarrow n,\ B_1 = 352$

2389: $947^{36} \Rightarrow n,\ B_1 = 388$

2390: $947^{40} \Rightarrow n,\ B_1 = 411$

2391: $947^{42} \Rightarrow 43 \cdot n,\ B_1 = 425;\ \ q^{46},\ B_3 = 310$

2393: $127^{46} \Rightarrow 283 \cdot 498859 \cdot c_{89},\ B_1 = 201$

2394: $498859^2 \Rightarrow 3 \cdot 7 \cdot 11850514321,\ B_1 = 214$

2395: $11850514321^1 \Rightarrow 57139 \cdot 103699,\ B_1 = 233$

2396: $103699^2 \Rightarrow 3 \cdot 3584528767,\ B_1 = 253$

2397: $3584528767^2 \Rightarrow 3 \cdot 2383 \cdot p_{16},\ B_1 = 291$

2398: $p_{16}^2 \Rightarrow 3 \cdot 61 \cdot 463 \cdot n,\ B_1 = 325;\ \ q^4,\ B_3 = 321$

2400: $3584528767^4 \Rightarrow 41 \cdot 101 \cdot n,\ B_1 = 314$

2401: $3584528767^6 \Rightarrow 7 \cdot 29 \cdot n,\ B_1 = 349;\ \ q^{10},\ B_3 = 329$

2403: $103699^4 \Rightarrow 31 \cdot 41 \cdot 13411 \cdot p_{13},\ B_1 = 284$

2404: $p_{13}^2 \Rightarrow 3 \cdot 7 \cdot 19 \cdot 307 \cdot n,\ B_1 = 312;\ \ q^4,\ B_3 = 309$

2406: $103699^6 \Rightarrow 7 \cdot 29 \cdot 117251 \cdot 3815302093 \cdot p_{14},\ B_1 = 312$

2407: $103699^{10} \Rightarrow n,\ B_1 = 324$

2408: $103699^{12} \Rightarrow 937 \cdot n,\ B_1 = 347;\ \ q^{16},\ B_3 = 304$

2410: $11850514321^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot 5413 \cdot P_{14},\ B_1 = 258$

2411: $P_{14}^2 \Rightarrow 3 \cdot 3259 \cdot 2589487 \cdot P_{18},\ B_1 = 314$

2412: $P_{14}^4 \Rightarrow n,\ B_1 = 342;\ \ q^6,\ B_3 = 314$

2414: $11850514321^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^2$

2415: $11850514321^6 \Rightarrow 29 \cdot n,\ B_1 = 325;\ \ q^{10},\ B_3 = 305$

2417: $498859^4 \Rightarrow 11 \cdot 211 \cdot 29737931 \cdot 897276364331,\ B_1 = 258$

2418: $897276364331^2 \Rightarrow 7^2 \cdot 13 \cdot 163 \cdot 181 \cdot 112363 \cdot 381261996901,\ B_1 = 293$

2419: $381261996901^1 \Rightarrow 499 \cdot n,\ B_1 = 307;\ \ q^2,\ B_3 = 302$

2421: $897276364331^4 \Rightarrow 5 \cdot 191 \cdot n,\ B_1 = 332;\ \ q^6,\ B_3 = 306$

2423: $498859^6 \Rightarrow 43 \cdot 175167817183661 \cdot P_{19},\ B_1 = 278$

2424: $P_{19}^2 \Rightarrow 67 \cdot n,\ B_1 = 317;\ \ q^4,\ B_3 = 315$

2426: $498859^{10} \Rightarrow 23 \cdot n,\ B_1 = 305$

2427: $498859^{12} \Rightarrow n,\ B_1 = 327$

2428: $498859^{16} \Rightarrow 103 \cdot n,\ B_1 = 374$

2429: $498859^{18} \Rightarrow n,\ B_1 = 395;\ \ q^{22},\ B_3 = 315$

2431: $127^{52} \Rightarrow 743 \cdot 586378963 \cdot 2889382663 \cdot 4216187737 \cdot$
$2104305482273 \cdot 10385386208583037 \cdot P_{51},\ B_1 = 312$

2432: $127^{58} \Rightarrow 1760797 \cdot 2000368650011 \cdot P_{104},\ B_1 = 359$

2433: $127^{60} \Rightarrow 771057958116765880907920537 \cdot c_{100},\ B_1 = 252$

2434: $p_{27}^1 \Rightarrow 67 \cdot 573524579 \cdot p_{17},\ B_1 = 305$

2435: $p_{27}^2 \Rightarrow 3 \cdot 19 \cdot n,\ B_1 = 334;\ \ q^4,\ B_3 = 333$

2437: $127^{66} \Rightarrow 3217 \cdot 32027 \cdot P_{131},\ B_1 = 413$

2438: $127^{70} \Rightarrow 6028223920385748697 01 \cdot 639796655422556129366 29 \cdot p_{104},\ B_1 = 338;\ \ q^{72},\ B_2 = 302$

2440: $19^2 \Rightarrow 127\ldots,\ D$
2441: $19^4 \Rightarrow 151\cdot 911,\ B_1 = 15$
2442: $911^2 \Rightarrow 830833,\ B_1 = 21$
2443: $830833^1 \Rightarrow 127\ldots,\ D$
2444: $830833^2 \Rightarrow 3\cdot 13\cdot 61\cdot 337\cdot 861001,\ B_1 = 44$
2445: $861001^1 \Rightarrow 151\cdot 2851,\ B_1 = 51$
2446: $2851^2 \Rightarrow 3\cdot 7\cdot 67\ldots,\ S\ \ 3^2\cdot 7^2\cdot 13^2\cdot 19^4\cdot 61^2\cdot 67^2\cdot 151^2\cdot 337^2$
2447: $2851^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 13^2\cdot 19^4$
2448: $2851^6 \Rightarrow 18542517953\cdot 28971231269,\ B_1 = 107$
2449: $28971231269^2 \Rightarrow 2311\cdot p_{18},\ B_1 = 149$
2450: $p_{18}^2 \Rightarrow 3\cdot 13\cdot 5737\cdot 1125114715117\cdot p_{18},\ B_1 = 216$
2451: $p_{18}^2 \Rightarrow 3\cdot 63793\cdot 25419181\cdot 55312129\cdot p_{16},\ B_1 = 286$
2452: $p_{16}^2 \Rightarrow 3\cdot 277\cdot n,\ B_1 = 318;\ \ q^4,\ B_3 = 316$
2454: $p_{18}^4 \Rightarrow n,\ B_1 = 322$
2455: $p_{18}^6 \Rightarrow 197\cdot n,\ B_1 = 395;\ \ q^{10},\ B_3 = 357$
2457: $p_{18}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 13^2\cdot 19^4$
2458: $p_{18}^6 \Rightarrow n,\ B_1 = 324;\ \ q^{10},\ B_2 = 351$
2460: $28971231269^4 \Rightarrow 5281\cdot 58031\cdot 226818061\cdot 32475238801\cdot P_{15},\ B_1 = 211$
2461: $P_{15}^2 \Rightarrow 31\cdot 66333529\cdot P_{20},\ B_1 = 269$
2462: $P_{20}^2 \Rightarrow 3\cdot 19\cdot n,\ B_1 = 307;\ \ q^4,\ B_3 = 309$
2464: $P_{15}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 13^2\cdot 19^4$
2465: $P_{15}^6 \Rightarrow n,\ B_1 = 356;\ \ q^{10},\ B_3 = 327$
2467: $28971231269^6 \Rightarrow 127\ldots,\ D$
2468: $28971231269^{10} \Rightarrow 576762921788923\cdot p_{90},\ B_1 = 400$
2469: $28971231269^{12} \Rightarrow n,\ B_1 = 337;\ \ q^{16},\ B_2 = 334$
2471: $2851^{10} \Rightarrow 24050872253\cdot p_{25},\ B_1 = 148$
2472: $p_{25}^2 \Rightarrow 3\cdot 31\cdot 43\cdot 223\cdot 149893366630339 1083\cdot p_{25},\ B_1 = 244$
2473: $p_{25}^2 \Rightarrow 3\cdot 25903\cdot 13351537\cdot n,\ B_1 = 304$
2474: $p_{25}^4 \Rightarrow 11\cdot 521\cdot n,\ B_1 = 393;\ \ q^6,\ B_3 = 341$
2476: $p_{25}^4 \Rightarrow 19211\cdot 23919669339506365080611\cdot n,\ B_1 = 320$
2477: $p_{25}^6 \Rightarrow 71\cdot n,\ B_1 = 392;\ \ q^{10},\ B_2 = 483$
2479: $2851^{12} \Rightarrow 53\cdot 11445877\cdot p_{33},\ B_1 = 169$
2480: $p_{33}^2 \Rightarrow 313\cdot 18493\cdot 9975205521129 3601\cdot P_{42},\ B_1 = 300$
2481: $p_{33}^4 \Rightarrow 61\cdot n,\ B_1 = 363;\ \ q^6,\ B_2 = 392$
2483: $2851^{16} \Rightarrow 18089\cdot p_{52},\ B_1 = 210$
2484: $p_{52}^2 \Rightarrow 3\cdot 67\cdot n,\ B_1 = 314;\ \ q^4,\ B_2 = 408$
2486: $2851^{18} \Rightarrow 19\cdot 191\cdot 61979\cdot 148429\cdot 7312356326429251\cdot p_{33},\ B_1 = 228$
2487: $p_{33}^2 \Rightarrow 3\cdot 7\cdot 2722890732266443\cdot p_{49},\ B_1 = 359$
2488: $p_{33}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 13^2\cdot 19^4$
2489: $p_{33}^6,\ B_2 = 393$
2490: $2851^{22} \Rightarrow 1546579748113\cdot 5369801401451\cdot$
$68633947703159\cdot 153348667863557\cdot p_{24},\ B_1 = 273$
2491: $p_{24}^2 \Rightarrow 3\cdot 13\cdot n,\ B_1 = 317;\ \ q^4,\ B_3 = 319$
2493: $2851^{28} \Rightarrow 59\cdot 42236748294604141\cdot 2457330220132 11511\cdot p_{61},\ B_1 = 335$
2494: $2851^{30} \Rightarrow 3659\cdot 16369\cdot P_{96},\ B_1 = 355$
2495: $2851^{36} \Rightarrow 2591\cdot 44623\cdot 243239\cdot 7636175441\cdot n,\ B_1 = 317$
2496: $2851^{40} \Rightarrow 83\cdot n,\ B_1 = 323$
2497: $2851^{42} \Rightarrow 173\cdot n,\ B_1 = 337;\ \ q^{46},\ B_2 = 317$
2499: $861001^2 \Rightarrow 3\cdot 61\cdot 18661\cdot 217081,\ B_1 = 64$
2500: $217081^1 \Rightarrow 108541,\ B_1 = 74$
2501: $108541^2 \Rightarrow 3\cdot 3927085741,\ B_1 = 95$
2502: $3927085741^2 \Rightarrow 3\cdot 61\cdot 613\cdot p_{15},\ B_1 = 132$
2503: $p_{15}^2 \Rightarrow 3\cdot 13\cdot 19\cdot 31\cdot 73\cdot 5196805069\cdot p_{13},\ B_1 = 184$
2504: $p_{13}^2 \Rightarrow 3\cdot 7916999731\cdot P_{15},\ B_1 = 232$

$P_{15}^{2} \Rightarrow 3\cdot 7\ldots,\ S\ \ 3^{8}\cdot 7^{2}\cdot 13^{2}\cdot 19^{4}\cdot 31^{2}$

$P_{15}^{4} \Rightarrow 5\ldots,\ S\ \ 3^{6}\cdot 5^{2}\cdot 13^{2}$

$P_{15}^{6} \Rightarrow 29\cdot n,\ B_1 = 377;\ \ q^{10},\ B_3 = 346$

$p_{13}^{4} \Rightarrow 5\cdot 11\ldots,\ S\ \ 3^{6}\cdot 5^{2}\cdot 11^{2}$

$p_{13}^{6} \Rightarrow n,\ B_1 = 307$

$p_{13}^{10} \Rightarrow n,\ B_1 = 406;\ \ q^{12},\ B_3 = 307$

$p_{15}^{4} \Rightarrow 41\cdot 61\cdot 2371\cdot 35851\cdot 219144781\cdot p_{37},\ B_1 = 270$

$p_{37}^{2} \Rightarrow 3\cdot 283\cdot n,\ B_1 = 346;\ \ q^{4},\ B_3 = 344$

$p_{15}^{6} \Rightarrow 113\cdot 82139\cdot 226917925623061\cdot p_{64},\ B_1 = 358$

$p_{15}^{10} \Rightarrow 89\cdot n,\ B_1 = 388;\ \ q^{12},\ B_2 = 339$

$3927085741^{4} \Rightarrow 5\ldots,\ S\ \ 3^{4}\cdot 5^{2}\cdot 13^{2}$

$3927085741^{6} \Rightarrow 29\cdot 43\cdot 953\cdot p_{52},\ B_1 = 248$

$p_{52}^{2} \Rightarrow 3\cdot 13\cdot n,\ B_1 = 349;\ \ q^{4},\ B_2 = 411$

$3927085741^{10} \Rightarrow P_{96},\ B_1 = 363$

$3927085741^{12} \Rightarrow 157\cdot n,\ B_1 = 308;\ \ q^{16},\ B_2 = 307$

$108541^{4} \Rightarrow 5\cdot 11\ldots,\ S\ \ 3^{2}\cdot 5^{2}\cdot 11^{2}\cdot 13^{2}$

$108541^{6} \Rightarrow 29\cdot 197\cdot 76511\cdot 137117\cdot p_{17},\ B_1 = 155$

$p_{17}^{2} \Rightarrow 3\cdot 139\cdot P_{31},\ B_1 = 221$

$P_{31}^{2} \Rightarrow 3\cdot 193\cdot P_{58},\ B_1 = 341$

$P_{31}^{4} \Rightarrow 5\ldots,\ S\ \ 3^{4}\cdot 5^{2}\cdot 13^{2}$

$P_{31}^{6},\ B_2 = 363$

$p_{17}^{4} \Rightarrow 11\cdot P_{65},\ B_1 = 319$

$p_{17}^{6} \Rightarrow 7\ldots,\ S\ \ 3^{2}\cdot 7^{2}\cdot 13^{2}\cdot 19^{4}\cdot 29^{2}\cdot 61^{2}$

$p_{17}^{10},\ B_2 = 328$

$108541^{10} \Rightarrow 23\cdot 3733049\cdot 588744487\cdot 766390278611\cdot p_{22},\ B_1 = 215$

$p_{22}^{2} \Rightarrow 3\cdot 76873\cdot 2542879\cdot 3037086319\cdot p_{23},\ B_1 = 302$

$p_{22}^{4} \Rightarrow n,\ B_1 = 346;\ \ q^{6},\ B_3 = 302$

$108541^{12} \Rightarrow 11987\cdot 2841437\cdot P_{50},\ B_1 = 246$

$P_{50}^{2} \Rightarrow 3\cdot 37\cdot 199\cdot n,\ B_1 = 350;\ \ q^{4},\ B_2 = 399$

$108541^{16} \Rightarrow 312971\cdot 13688084491799\cdot p_{62},\ B_1 = 306$

$108541^{18} \Rightarrow 647\cdot 2270159\cdot 10868045430821240574723759845 99\cdot p_{52},\ B_1 = 336$

$108541^{22} \Rightarrow 47\cdot 5957090827287409\cdot n,\ B_1 = 303$

$108541^{28} \Rightarrow 523\cdot n,\ B_1 = 349;\ \ q^{30},\ B_2 = 302$

$217081^{2} \Rightarrow 3\cdot 7\ldots,\ S\ \ 3^{4}\cdot 7^{2}\cdot 13\cdot 19^{4}\cdot 61^{2}$

$217081^{4} \Rightarrow 5\ldots,\ S\ \ 3^{2}\cdot 5\cdot 13^{2}\cdot 19^{4}\cdot 61^{2}$

$217081^{6} \Rightarrow 29\cdot 116235975405131\cdot p_{17},\ B_1 = 139$

$p_{17}^{1} \Rightarrow p_{17},\ B_1 = 171$

$p_{17}^{2} \Rightarrow 3\cdot 13\cdot 16447729\cdot p_{24},\ B_1 = 233$

$p_{24}^{2} \Rightarrow 3\cdot 76255772534144976481153\cdot p_{24},\ B_1 = 327$

$p_{24}^{4} \Rightarrow n,\ B_1 = 375;\ \ q^{6},\ B_3 = 328$

$p_{17}^{4} \Rightarrow 421\cdot 70921\cdot 120691\cdot 542826150631\cdot 998125094891\cdot P_{29},\ B_1 = 333$

$p_{17}^{6} \Rightarrow 7\cdot 29\ldots,\ S\ \ 3^{2}\cdot 7^{2}\cdot 13^{2}\cdot 19^{4}\cdot 29^{2}\cdot 61^{2}$

$p_{17}^{10},\ B_2 = 323$

$p_{17}^{2} \Rightarrow 3\cdot 139\cdot 5023\cdot 233017007827\cdot P_{16},\ B_1 = 217$

$P_{16}^{2} \Rightarrow 3\cdot 80761\cdot 161683\cdot p_{20},\ B_1 = 261$

$p_{20}^{1} \Rightarrow 5\ldots,\ S\ \ 3^{4}\cdot 5^{2}\cdot 13^{2}$

$p_{20}^{2} \Rightarrow 3\cdot 139\cdot n,\ B_1 = 315;\ \ q^{4},\ B_3 = 316$

$P_{16}^{4} \Rightarrow 41\cdot n,\ B_1 = 310$

$P_{16}^{6} \Rightarrow n,\ B_1 = 370;\ \ q^{10},\ B_3 = 339$

$p_{17}^{4} \Rightarrow 28283399997519987941812252738 7051\cdot P_{34},\ B_1 = 316$

$p_{17}^{6} \Rightarrow 7\cdot 29\ldots,\ S\ \ 3^{2}\cdot 7^{2}\cdot 13\cdot 19^{4}\cdot 29^{2}\cdot 61^{2}$

$p_{17}^{10},\ B_2 = 329$

$217081^{10} \Rightarrow 378820638998170129225 97\cdot P_{31},\ B_1 = 196$

$P_{31}^{2} \Rightarrow 3\cdot 277\cdot P_{59},\ B_1 = 320$

2571: $P_{31}^4 \Rightarrow 61 \cdot 401 \cdot n,\ B_1 = 386;\ \ q^6,\ B_2 = 369$

2573: $217081^{12} \Rightarrow 53 \cdot 111972173 \cdot p_{55},\ B_1 = 197$

2574: $p_{55}^1 \Rightarrow 7^2 \cdot 43 \ldots,\ S\ \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^4 \cdot 43^2 \cdot 53^2$

2575: $p_{55}^2 \Rightarrow 3 \cdot 19 \cdot 733 \cdot n,\ B_1 = 354;\ \ q^4,\ B_2 = 434$

2577: $217081^{16} \Rightarrow 137 \cdot 469071595771 \cdot P_{72},\ B_1 = 311$

2578: $217081^{18} \Rightarrow 229 \cdot 8111291 \cdot c_{87},\ B_1 = 256$

2579: $8111291^2 \Rightarrow 23599 \cdot 2787959227,\ B_1 = 284$

2580: $2787959227^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13 \cdot 19^4 \cdot 61^2$

2581: $2787959227^4,\ B_3 = 303$

2582: $8111291^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 13^2 \cdot 19^4 \cdot 61^2$

2583: $8111291^6 \Rightarrow 29 \cdot n,\ B_1 = 327;\ \ q^{10},\ B_3 = 311$

2585: $217081^{22} \Rightarrow 1151 \cdot 1289 \cdot 57627421 \cdot n,\ B_1 = 300$

2586: $217081^{28} \Rightarrow 59 \cdot n,\ B_1 = 355;\ \ q^{30},\ B_2 = 320$

2588: $861001^4 \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 11^2 \cdot 13^2$

2589: $861001^6 \Rightarrow 7 \cdot 29 \ldots,\ S\ \ 3^2 \cdot 7^2 \cdot 13 \cdot 19^4 \cdot 29^2 \cdot 61^2$

2590: $861001^{10} \Rightarrow 2396970181 \cdot P_{50},\ B_1 = 207$

2591: $P_{50}^2 \Rightarrow 13 \cdot n,\ B_1 = 306;\ \ q^4,\ B_2 = 399$

2593: $861001^{12} \Rightarrow 53 \cdot 2341 \cdot 305106127 \cdot 12196359822028671563 \cdot p_{39},\ B_1 = 214$

2594: $p_{39}^1 \Rightarrow 17 \cdot 89 \cdot 17005390755841 \cdot p_{22},\ B_1 = 290$

2595: $p_{22}^2 \Rightarrow 3 \cdot 13 \cdot n,\ B_1 = 332;\ \ q^4,\ B_3 = 334$

2597: $p_{39}^2 \Rightarrow 3 \cdot n,\ B_1 = 325;\ \ q^4,\ B_3 = 326$

2599: $861001^{16} \Rightarrow 2143 \cdot 2551 \cdot 21013 \cdot 2420690229013619 \cdot 606011383260852651773 \cdot P_{48},\ B_1 = 303$

2600: $861001^{18} \Rightarrow 2053 \cdot 7070053 \cdot c_{97},\ B_1 = 256$

2601: $7070053^1 \Rightarrow 3535027,\ B_1 = 269$

2602: $3535027^2 \Rightarrow 3 \cdot 37 \cdot 367 \cdot 306758461,\ B_1 = 294$

2603: $306758461^2 \Rightarrow 3 \cdot 7 \cdot 13 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^4 \cdot 37^2$

2604: $306758461^4,\ B_3 = 311$

2605: $3535027^4 \Rightarrow 31 \cdot n,\ B_1 = 309$

2606: $3535027^6 \Rightarrow 211 \cdot 379 \cdot n,\ B_1 = 339;\ \ q^{10},\ B_3 = 321$

2608: $7070053^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot 43 \cdot 139 \ldots,\ S\ \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^4 \cdot 43^2 \cdot 61 \cdot 139^2$

2609: $7070053^4 \Rightarrow n,\ B_1 = 300$

2610: $7070053^6 \Rightarrow n,\ B_1 = 328;\ \ q^{10},\ B_3 = 314$

2612: $861001^{22} \Rightarrow 47 \cdot 1289 \cdot n,\ B_1 = 301;\ \ q^{28},\ B_2 = 332$

2614: $830833^4 \Rightarrow 11 \cdot 31 \cdot 621301 \cdot p_{16},\ B_1 = 71$

2615: $p_{16}^1 \Rightarrow 59 \cdot 144941 \cdot 131500009,\ B_1 = 101$

2616: $131500009^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 19^4 \cdot 31^2$

2617: $131500009^4 \Rightarrow 11 \cdot 71 \cdot p_{30},\ B_1 = 180$

2618: $p_{30}^2 \Rightarrow 13 \cdot 103 \cdot 661 \cdot 243577681 \cdot p_{45},\ B_1 = 298$

2619: $p_{45}^2 \Rightarrow 3 \cdot 7 \cdot 19 \ldots,\ S\ \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13^2 \cdot 19^4$

2620: $p_{45}^4,\ B_3 = 388$

2621: $p_{30}^4 \Rightarrow 5 \cdot 11 \cdot 31 \cdot n,\ B_1 = 358;\ \ q^6,\ B_2 = 354$

2623: $131500009^6 \Rightarrow 10151 \cdot 7954003 \cdot 728586377 \cdot P_{29},\ B_1 = 231$

2624: $P_{29}^2 \Rightarrow 3 \cdot 37 \cdot 229144693012555309178923 \cdot p_{33},\ B_1 = 346$

2625: $P_{29}^4 \Rightarrow 5 \cdot 11 \cdot 61 \cdot n,\ B_1 = 406;\ \ q^6,\ B_2 = 347$

2627: $131500009^{10} \Rightarrow 23 \cdot 975899 \cdot 123770852876221 \cdot 714219756551929 \cdot P_{45},\ B_1 = 328$

2628: $131500009^{12} \Rightarrow 53 \cdot 131 \cdot 161934001082889361 \cdot n,\ B_1 = 300$

2629: $131500009^{16} \Rightarrow n,\ B_1 = 344$

2630: $131500009^{18} \Rightarrow n,\ B_1 = 377;\ \ q^{22},\ B_2 = 357$

2632: $p_{16}^2 \Rightarrow 3 \cdot 1033663 \cdot P_{25},\ B_1 = 142$

2633: $P_{25}^2 \Rightarrow 3 \cdot 7 \cdot 13 \ldots,\ S\ \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13 \cdot 19^4$

2634: $P_{25}^4 \Rightarrow 11 \cdot 41 \cdot 940041387765401 \cdot 763943234122829108141 \cdot P_{59},\ B_1 = 366$

2635: $P_{25}^6 \Rightarrow 29 \cdot n,\ B_1 = 385;\ \ q^{10},\ B_2 = 484$

2637: $p_{16}^4 \Rightarrow 5 \cdot 11 \cdot 34231 \cdot 39789879101611 \cdot 2974952422915511 \cdot p_{27},\ B_1 = 211$

2638: $p_{27}^1 \Rightarrow 2111 \cdot P_{23},\ B_1 = 263$

$P_{23}^2 \Rightarrow 103 \cdot n,\ B_1 = 310;\ \ q^4,\ B_3 = 308$

$p_{27}^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^2$

$p_{27}^4 \Rightarrow 5 \cdot 71 \cdot 251 \cdot n,\ B_1 = 391;\ \ q^6,\ B_3 = 336$

$p_{16}^6 \Rightarrow 29 \cdot 211 \cdot 1471 \cdot 3571 \cdot 26705756827 \cdot P_{72},\ B_1 = 326;\ \ q^{10},\ B_2 = 307$

$830833^6 \Rightarrow 157920029 \cdot P_{28},\ B_1 = 113$

$P_{28}^2 \Rightarrow 31 \cdot 331 \cdot 1999981393 \cdot p_{42},\ B_1 = 189$

$p_{42}^1 \Rightarrow 5 \cdot 12377 \cdot p_{37},\ B_1 = 271$

$p_{37}^2 \Rightarrow 3 \cdot 19 \cdot 79 \cdot 139 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 19^4 \cdot 31^2 \cdot 79^2 \cdot 139^2 \cdot 151^2$

$p_{37}^4,\ B_3 = 344$

$p_{42}^2 \Rightarrow 3 \cdot n,\ B_1 = 305;\ \ q^4,\ B_2 = 330$

$P_{28}^4 \Rightarrow 11 \cdot c_{109},\ B_1 = 278$

$11^2 \Rightarrow 7 \cdot 19,\ B_1 = 280$

$7^2 \Rightarrow 3 \cdot 19,\ B_1 = 281$

$3^2 \Rightarrow 13,\ S\ \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13 \cdot 19^4$

$3^4 \Rightarrow 11^2,\ S\ \ 3^4 \cdot 7^2 \cdot 11^4 \cdot 19^4$

$3^k \Rightarrow \ldots,\ S\ 3^k.7^2.11^2.19^4\ for\ all\ k \geq 6$

$7^4 \Rightarrow 2801,\ B_1 = 288$

$2801^1 \Rightarrow 3 \cdot 467,\ B_1 = 300$

$2801^2 \Rightarrow 37 \cdot 43 \cdot 4933,\ B_1 = 302$

$2801^4 \Rightarrow 5 \cdot n,\ B_1 = 310;\ \ q^6,\ B_3 = 302$

$7^6 \Rightarrow 29 \cdot 4733,\ B_1 = 294$

$4733^1 \Rightarrow 3^2 \ldots,\ S\ \ 3^2 \cdot 7^6 \cdot 11^2 \cdot 19^4 \cdot 29^2$

$4733^2 \Rightarrow n,\ B_1 = 301;\ \ q^4,\ B_3 = 301$

$7^{10} \Rightarrow 1123 \cdot 293459,\ B_1 = 304$

$7^{12} \Rightarrow 16148168401,\ B_1 = 307$

$7^{16} \Rightarrow n,\ B_1 = 305$

$7^{18} \Rightarrow 419 \cdot n,\ B_1 = 311$

$7^{22} \Rightarrow 47 \cdot n,\ B_1 = 317;\ \ q^{28},\ B_3 = 302$

$11^4 \Rightarrow 5 \cdot 3221,\ B_1 = 289$

$3221^1 \Rightarrow 3^2 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 19^4$

$3221^2 \Rightarrow 10378063,\ B_1 = 303$

$3221^4 \Rightarrow 5 \cdot 11 \cdot n,\ B_1 = 308;\ \ q^6,\ B_3 = 303$

$11^6 \Rightarrow 43 \cdot 45319,\ B_1 = 295$

$45319^2 \Rightarrow 127 \ldots,\ D;\ \ q^4,\ B_3 = 304$

$11^{10} \Rightarrow 15797 \cdot 1806113,\ B_1 = 307$

$11^{12} \Rightarrow n,\ B_1 = 301$

$11^{16} \Rightarrow n,\ B_1 = 309$

$11^{18} \Rightarrow n,\ B_1 = 314$

$11^{22} \Rightarrow 829 \cdot n,\ B_1 = 325;\ \ q^{28},\ B_3 = 305$

$P_{28}^6,\ B_2 = 327$

$830833^{10} \Rightarrow 23 \cdot 617 \cdot p_{56},\ B_1 = 137$

$p_{56}^1 \Rightarrow 3 \cdot 37 \cdot 157 \cdot 4585127602420298137 \cdot p_{32},\ B_1 = 247$

$p_{32}^2 \Rightarrow 3 \cdot 7 \cdot n,\ B_1 = 311;\ \ q^4,\ B_3 = 311$

$p_{56}^2 \Rightarrow n,\ B_1 = 300;\ \ q^4,\ B_2 = 440$

$830833^{12} \Rightarrow 9257 \cdot 57773 \cdot p_{63},\ B_1 = 166$

$p_{63}^1 \Rightarrow 7 \cdot 83 \cdot 1097 \cdot 12413 \cdot 5820623 \cdot P_{46},\ B_1 = 290$

$P_{46}^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot n,\ B_1 = 381;\ \ q^4,\ B_3 = 380$

$p_{63}^2 \Rightarrow 3 \cdot 67 \cdot n,\ B_1 = 350;\ \ q^4,\ B_2 = 498$

$830833^{16} \Rightarrow 953 \cdot 1123 \cdot 219437 \cdot 22812947 \cdot 616949907001 \cdot 307940520066469 \cdot p_{50},\ B_1 = 249$

$p_{50}^1 \Rightarrow 5^2 \cdot 7801857533 \cdot n,\ B_1 = 309$

$p_{50}^2 \Rightarrow 3 \cdot 181 \cdot n,\ B_1 = 387;\ \ q^4,\ B_2 = 397$

$830833^{18} \Rightarrow 19 \cdot 10223 \cdot P_{102},\ B_1 = 332$

$830833^{22} \Rightarrow 47 \cdot 4893743118604715 59 \cdot P_{111},\ B_1 = 406;\ \ q^{28},\ B_2 = 331$

$911^4 \Rightarrow 5 \cdot 11 \cdot 701 \cdot 17884211,\ B_1 = 42$

2709: $17884211^2 \Rightarrow 7 \cdot P_{14},\ B_1 = 71$

2710: $P_{14}^2 \Rightarrow 3 \ldots,\ S\ 3^2 \cdot 5 \cdot 7^2$

2711: $P_{14}^4 \Rightarrow 11 \cdot 140731 \cdot 3622746821 \cdot p_{39},\ B_1 = 169$

2712: $p_{39}^1 \Rightarrow 3^2 \cdot 7 \ldots,\ S\ 3^2 \cdot 5^2 \cdot 7^2$

2713: $p_{39}^2 \Rightarrow 37 \cdot 541 \cdot c_{74},\ B_1 = 281$

2714: $541^1 \Rightarrow 271,\ B_1 = 292$

2715: $271^2 \Rightarrow 3 \ldots,\ S\ 3^2 \cdot 5^2 \cdot 7^2$

2716: $271^4 \Rightarrow 5 \cdot 251 \cdot n,\ B_1 = 309;\ q^6,\ B_3 = 302$

2718: $541^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ 3^2 \cdot 5 \cdot 7^2$

2719: $541^4 \Rightarrow 5 \cdot 101 \cdot 169942181,\ B_1 = 306$

2720: $541^6 \Rightarrow n,\ B_1 = 308;\ q^{10},\ B_3 = 302$

2722: $p_{39}^4,\ B_2 = 311$

2723: $P_{14}^6 \Rightarrow 36191 \cdot 9897567 10884044568697 \cdot P_{57},\ B_1 = 271$

2724: $P_{57}^2 \Rightarrow n,\ B_1 = 384;\ q^4,\ B_2 = 451$

2726: $P_{14}^{10} \Rightarrow 23 \cdot n,\ B_1 = 318;\ q^{12},\ B_2 = 327$

2728: $17884211^4 \Rightarrow 5 \cdot 11 \cdot 2381 \cdot P_{24},\ B_1 = 110$

2729: $P_{24}^2 \Rightarrow 7 \cdot 109 \cdot 24049 \cdot 5125026504035929 \cdot P_{25},\ B_1 = 193$

2730: $P_{25}^2 \Rightarrow 3 \cdot 7^2 \ldots,\ S\ 3^2 \cdot 5^2 \cdot 7^4$

2731: $P_{25}^4 \Rightarrow 5 \cdot 11 \cdot 281 \cdot n,\ B_1 = 346$

2732: $P_{25}^6 \Rightarrow 29 \cdot 239 \cdot n,\ B_1 = 445;\ q^{10},\ B_2 = 496$

2734: $P_{24}^4 \Rightarrow 5 \cdot 4795462929931 \cdot$
$1881052858013936791 \cdot 1880885586752595243741 71 \cdot P_{41},\ B_1 = 349$

2735: $P_{24}^6 \Rightarrow 43 \cdot 701 \cdot n,\ B_1 = 348;\ q^{10},\ B_2 = 477$

2737: $17884211^6 \Rightarrow 337 \cdot 3955267 \cdot P_{35},\ B_1 = 158$

2738: $P_{35}^2 \Rightarrow 3 \cdot 13 \ldots,\ S\ 3^2 \cdot 5 \cdot 11^2 \cdot 13^2$

2739: $P_{35}^4 \Rightarrow 11 \cdot n,\ B_1 = 363;\ q^6,\ B_2 = 412$

2741: $17884211^{10} \Rightarrow 23 \cdot 4735589 \cdot P_{65},\ B_1 = 241$

2742: $P_{65}^2 \Rightarrow 3 \ldots,\ S\ 3^2 \cdot 5 \cdot 11^2 \cdot 19^4$

2743: $P_{65}^4,\ B_2 = 515$

2744: $17884211^{12} \Rightarrow 547 \cdot 937 \cdot 8269 \cdot 9907 \cdot 13859 \cdot 93263 \cdot 16951559 \cdot P_{58},\ B_1 = 287$

2745: $P_{58}^2 \Rightarrow 7 \cdot 37 \cdot n,\ B_1 = 404;\ q^4,\ B_2 = 456$

2747: $17884211^{16} \Rightarrow 886650607 \cdot 2414232323 \cdot 1933291293955297 \cdot p_{83},\ B_1 = 296$

2748: $p_{83}^1 \Rightarrow 3^2 \cdot 19 \ldots,\ S\ 3^2 \cdot 5^2 \cdot 11^2 \cdot 19^4$

2749: $p_{83}^2,\ B_3 = 363$

2750: $17884211^{18} \Rightarrow 534078031 \cdot 178171584809 \cdot P_{111},\ B_1 = 410;\ q^{22},\ B_2 = 319$

2752: $911^6 \Rightarrow 7 \cdot P_{17},\ B_1 = 62$

2753: $P_{17}^2 \Rightarrow 3 \cdot 19 \cdot 397 \cdot 1279 \cdot 218527 \cdot 14632890871 \cdot 72211650019,\ B_1 = 125$

2754: $72211650019^2 \Rightarrow 3 \cdot 1579 \cdot p_{19},\ B_1 = 152$

2755: $p_{19}^1 \Rightarrow 619 \cdot 35149 \cdot 25297495897,\ B_1 = 187$

2756: $25297495897^2 \Rightarrow 3 \cdot 7 \cdot P_{20},\ B_1 = 227$

2757: $P_{20}^2 \Rightarrow 3 \cdot 3919 \cdot p_{35},\ B_1 = 304$

2758: $P_{20}^4 \Rightarrow 11 \ldots,\ S\ 3^4 \cdot 7^2 \cdot 11^2 \cdot 19^4$

2759: $P_{20}^6,\ B_3 = 305$

2760: $25297495897^4 \Rightarrow 11^3 \cdot 2475101 \cdot 13846901 \cdot 97137151 \cdot p_{17},\ B_1 = 289$

2761: $p_{17}^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ 3^4 \cdot 7^2 \cdot 11^4 \cdot 19^4$

2762: $p_{17}^4,\ B_3 = 323$

2763: $25297495897^6 \Rightarrow 220529 \cdot 8185687548210551 \cdot p_{42},\ B_1 = 354$

2764: $25297495897^{10} \Rightarrow n,\ B_1 = 375$

2765: $25297495897^{12} \Rightarrow n,\ B_1 = 416;\ q^{16},\ B_3 = 333$

2767: $p_{19}^2 \Rightarrow 3 \cdot 7^2 \cdot 67 \cdot 937 \cdot 39773329 \cdot 259858993 \cdot P_{14},\ B_1 = 232$

2768: $P_{14}^2 \Rightarrow 3 \cdot 7 \cdot 15643 \cdot P_{21},\ B_1 = 282$

2769: $P_{21}^2 \Rightarrow 3 \cdot n,\ B_1 = 324;\ q^4,\ B_3 = 323$

2771: $P_{14}^4 \Rightarrow 11 \ldots,\ S\ 3^4 \cdot 7^4 \cdot 11^2 \cdot 19^4$

2772: $P_{14}^6 \Rightarrow 659 \cdot n,\ B_1 = 366;\ q^{10},\ B_3 = 337$

2774: $p_{19}^4 \Rightarrow 11 \cdot 491 \cdot 5471 \cdot 152231 \cdot p_{60},\ B_1 = 291$

2775: $p_{60}^1 \Rightarrow 3 \cdot 7 \cdot 19 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 19^4$

2776: $p_{60}^2,\ B_3 = 348$

2777: $p_{19}^6 \Rightarrow n,\ B_1 = 348;\ \ q^{10},\ B_2 = 360$

2779: $72211650019^4 \Rightarrow 11^2 \cdot 31 \ldots,\ S\ \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 19^4 \cdot 31^2$

2780: $72211650019^6 \Rightarrow 1163 \cdot 373051183 \cdot 5431646152811794979666891 \cdot P_{29},\ B_1 = 298$

2781: $P_{29}^2 \Rightarrow 3 \cdot n,\ B_1 = 356;\ \ q^4,\ B_3 = 356$

2783: $72211650019^{10} \Rightarrow 23 \cdot 419 \cdot n,\ B_1 = 324$

2784: $72211650019^{12} \Rightarrow 79 \cdot 131 \cdot n,\ B_1 = 368;\ \ q^{16},\ B_2 = 347$

2786: $P_{17}^4 \Rightarrow 5 \cdot 11 \cdot 31 \cdot 1251121 \cdot 26767634247106306288401281 \cdot p_{33},\ B_1 = 198$

2787: $p_{33}^1 \Rightarrow 13 \cdot 61 \cdot 690841 \cdot 152524929943 \cdot P_{13},\ B_1 = 264$

2788: $P_{13}^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

2789: $P_{13}^4 \Rightarrow 191 \cdot n,\ B_1 = 342;\ \ q^6,\ B_3 = 314$

2791: $p_{33}^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^2$

2792: $p_{33}^4 \Rightarrow 5 \cdot 11 \cdot n,\ B_1 = 402;\ \ q^6,\ B_2 = 394$

2794: $P_{17}^6 \Rightarrow 7 \cdot 281 \cdot P_{99},\ B_1 = 329;\ \ q^{10},\ B_2 = 338$

2796: $911^{10} \Rightarrow 67 \cdot 472319 \cdot 50390258557 \cdot 247174661801,\ B_1 = 86$

2797: $247174661801^1 \Rightarrow 3 \cdot 141353 \cdot 291439,\ B_1 = 109$

2798: $291439^2 \Rightarrow 3 \cdot 28312327387,\ B_1 = 129$

2799: $28312327387^2 \Rightarrow 3 \cdot 67 \cdot 229 \cdot 85243 \cdot 204296477131,\ B_1 = 168$

2800: $204296477131^2 \Rightarrow 3 \cdot 99805341859 \cdot 139394845309,\ B_1 = 212$

2801: $139394845309^2 \Rightarrow 3 \cdot 1624717 \cdot 51888673 \cdot 76828417,\ B_1 = 256$

2802: $76828417^2 \Rightarrow 3 \cdot 13 \cdot 37 \cdot 6907 \cdot 592226707,\ B_1 = 287$

2803: $592226707^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^8 \cdot 7^2 \cdot 13^2 \cdot 19^4 \cdot 37^2$

2804: $592226707^4,\ B_3 = 305$

2805: $76828417^4 \Rightarrow 131 \cdot n,\ B_1 = 306$

2806: $76828417^6 \Rightarrow 7 \cdot 43 \cdot n,\ B_1 = 338;\ \ q^{10},\ B_3 = 320$

2808: $139394845309^4 \Rightarrow 11 \cdot 5789711 \cdot 596629895021 \cdot p_{25},\ B_1 = 323$

2809: $139394845309^6 \Rightarrow n,\ B_1 = 323;\ \ q^{10},\ B_3 = 301$

2811: $204296477131^4 \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 19^4 \cdot 67^2 \cdot 151^2 \cdot 229^2$

2812: $204296477131^6 \Rightarrow 113 \cdot 29557283371075276090701300287 \cdot P_{38},\ B_1 = 349$

2813: $204296477131^{10} \Rightarrow 67 \cdot 89 \cdot n,\ B_1 = 375$

2814: $204296477131^{12} \Rightarrow 521 \cdot n,\ B_1 = 419;\ \ q^{16},\ B_2 = 361$

2816: $28312327387^4 \Rightarrow 11 \cdot 251 \cdot 4021 \cdot 9728941501 \cdot p_{25},\ B_1 = 234$

2817: $p_{25}^2 \Rightarrow 223 \cdot 42331 \cdot 60526311943 \cdot n,\ B_1 = 301$

2818: $p_{25}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 19^4$

2819: $p_{25}^6,\ B_3 = 333$

2820: $28312327387^6 \Rightarrow 7 \cdot 197 \cdot 69902143298509759617688057 \cdot P_{34},\ B_1 = 297$

2821: $P_{34}^2 \Rightarrow 241 \cdot 457 \cdot n,\ B_1 = 369;\ \ q^4,\ B_3 = 364$

2823: $28312327387^{10} \Rightarrow 199 \cdot n,\ B_1 = 320$

2824: $28312327387^{12} \Rightarrow 313 \cdot n,\ B_1 = 362;\ \ q^{16},\ B_2 = 334$

2826: $291439^4 \Rightarrow 11 \cdot 31 \cdot p_{20},\ B_1 = 163$

2827: $p_{20}^2 \Rightarrow 3 \cdot 13 \cdot 67 \cdot 857589190057 \cdot P_{24},\ B_1 = 236$

2828: $P_{24}^2 \Rightarrow 3 \cdot P_{47},\ B_1 = 329$

2829: $P_{24}^4 \Rightarrow 11^2 \cdot n,\ B_1 = 376;\ \ q^6,\ B_3 = 329$

2831: $p_{20}^4 \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 19^4$

2832: $p_{20}^6 \Rightarrow 7 \ldots,\ S\ \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 19^4 \cdot 31^2$

2833: $p_{20}^{10},\ B_2 = 386$

2834: $291439^6 \Rightarrow 7 \cdot 239 \cdot 9871 \cdot P_{26},\ B_1 = 196$

2835: $P_{26}^2 \Rightarrow 37 \cdot 151 \cdot 4561 \cdot P_{44},\ B_1 = 294$

2836: $P_{44}^2 \Rightarrow 3 \cdot 13 \ldots,\ S\ \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^4 \cdot 37^2 \cdot 67^2$

2837: $P_{44}^4,\ B_3 = 381$

2838: $P_{26}^4 \Rightarrow 31 \cdot n,\ B_1 = 351;\ \ q^6,\ B_2 = 306$

2840: $291439^{10} \Rightarrow 23 \cdot 199 \cdot 2188033 \cdot 6822377 \cdot 7234264357 \cdot 3963485136931 \cdot P_{16},\ B_1 = 262$

$P_{16}^{2} \Rightarrow 45589 \cdot 120782627947 \cdot P_{15},\ B_1 = 323$

$P_{16}^{4} \Rightarrow n,\ B_1 = 354;\ \ q^6,\ B_3 = 323$

$291439^{12} \Rightarrow 79 \cdot 509783 \cdot p_{58},\ B_1 = 294$

$p_{58}^{2} \Rightarrow n,\ B_1 = 410;\ \ q^4,\ B_2 = 463$

$291439^{16} \Rightarrow 105907746821 \cdot 2231549135098962294 23 \cdot P_{57},\ B_1 = 360$

$291439^{18} \Rightarrow 3850199 \cdot 3833104043 \cdot n,\ B_1 = 311$

$291439^{22} \Rightarrow 691 \cdot n,\ B_1 = 341;\ \ q^{28},\ B_2 = 306$

$247174661801^{2} \Rightarrow 7 \cdot 19 \cdot P_{21},\ B_1 = 130$

$P_{21}^{2} \Rightarrow 3 \cdot 7 \cdot 283 \cdot 3308013439 \cdot p_{29},\ B_1 = 194$

$p_{29}^{1} \Rightarrow 5^2 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

$p_{29}^{2} \Rightarrow 3 \cdot 7 \cdot 373 \cdot 2017 \cdot P_{49},\ B_1 = 322$

$p_{29}^{4} \Rightarrow n,\ B_1 = 379;\ \ q^6,\ B_2 = 336$

$P_{21}^{4} \Rightarrow 5 \cdot 11 \cdot 101153235616801 \cdot 4334148639238921 \cdot P_{52},\ B_1 = 332$

$P_{21}^{6} \Rightarrow 29 \cdot n,\ B_1 = 338;\ \ q^{10},\ B_2 = 413$

$247174661801^{4} \Rightarrow 5 \cdot 31 \cdot 71 \cdot 5877181 \cdot p_{35},\ B_1 = 177$

$p_{35}^{1} \Rightarrow 7 \cdot 2316843833 \cdot p_{25},\ B_1 = 246$

$p_{25}^{2} \Rightarrow 37 \cdot 223 \cdot 12511 \cdot 7958833 \cdot P_{34},\ B_1 = 343$

$p_{25}^{4} \Rightarrow 5 \cdot 11^2 \cdot n,\ B_1 = 391;\ \ q^6,\ B_3 = 343$

$p_{35}^{2} \Rightarrow 3 \cdot 179527 \cdot 275036918797 \cdot 63854322413437693 \cdot P_{36},\ B_1 = 334$

$p_{35}^{4} \Rightarrow 5 \cdot n,\ B_1 = 409;\ \ q^6,\ B_2 = 417$

$247174661801^{6} \Rightarrow 7351 \cdot 1724059 \cdot 2170939 \cdot 396157790380625113 \cdot p_{35},\ B_1 = 246$

$p_{35}^{1} \Rightarrow 5 \cdot 359 \cdot 1049 \cdot P_{28},\ B_1 = 314$

$p_{35}^{2} \Rightarrow 3 \cdot n,\ B_1 = 332;\ \ q^4,\ B_3 = 331$

$247174661801^{10} \Rightarrow 11 \cdot 23 \cdot 89 \cdot 1277 \cdot n,\ B_1 = 300$

$247174661801^{12} \Rightarrow 131 \cdot n,\ B_1 = 340;\ \ q^{16},\ B_2 = 364$

$911^{12} \Rightarrow 13 \cdot 53 \cdot 937 \cdot 260670715787 \cdot P_{19},\ B_1 = 113$

$P_{19}^{2} \Rightarrow 3 \cdot 7 \cdot 50378851 \cdot P_{28},\ B_1 = 186$

$P_{28}^{2} \Rightarrow 3 \cdot 7 \cdot 67 \cdot 1609099 \cdot 280380019 \cdot P_{38},\ B_1 = 293$

$P_{38}^{2} \Rightarrow 3 \cdot 19 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13 \cdot 19^4 \cdot 53^2$

$P_{38}^{4},\ B_3 = 368$

$P_{28}^{4} \Rightarrow 11 \ldots,\ S\ \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13 \cdot 19^4$

$P_{28}^{6},\ B_2 = 330$

$P_{19}^{4} \Rightarrow 11 \cdot 1372211 \cdot 4544606641 \cdot p_{57},\ B_1 = 242$

$p_{57}^{1} \Rightarrow 3 \cdot 7 \cdot 19 \ldots,\ S\ \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13^2 \cdot 19^4$

$p_{57}^{2} \Rightarrow 31 \cdot 37 \cdot n,\ B_1 = 404;\ \ q^4,\ B_2 = 450$

$P_{19}^{6} \Rightarrow 43 \cdot 10165373 \cdot n,\ B_1 = 300;\ \ q^{10},\ B_2 = 365$

$911^{16} \Rightarrow 1361 \cdot p_{45},\ B_1 = 107$

$p_{45}^{1} \Rightarrow 3 \cdot 13 \cdot 23998554139504517 \cdot P_{26},\ B_1 = 195$

$P_{26}^{2} \Rightarrow 3 \cdot 13 \cdot 3072003303769160723 23 \cdot p_{30},\ B_1 = 295$

$p_{30}^{2} \Rightarrow 3 \cdot 7 \cdot 19 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^4 \cdot 151^2 \cdot 911^{16}$

$p_{30}^{4},\ B_3 = 355$

$P_{26}^{4} \Rightarrow 11 \cdot 61 \cdot 181 \cdot 701 \cdot n,\ B_1 = 358;\ \ q^6,\ B_2 = 311$

$p_{45}^{2} \Rightarrow 44089 \cdot P_{84},\ B_1 = 323;\ \ q^4,\ B_2 = 353$

$911^{18} \Rightarrow 3930569 \cdot 468590802170399 \cdot P_{33},\ B_1 = 162$

$P_{33}^{2} \Rightarrow 3 \cdot 379 \cdot 727 \cdot 4951 \cdot 23636399641080327258 91 \cdot P_{34},\ B_1 = 290$

$P_{34}^{2} \Rightarrow 3 \cdot 7 \cdot 601 \cdot n,\ B_1 = 359;\ \ q^4,\ B_3 = 356$

$P_{33}^{4} \Rightarrow 11^2 \cdot n,\ B_1 = 354;\ \ q^6,\ B_2 = 384$

$911^{22} \Rightarrow 47 \cdot 139 \cdot 134643482719 \cdot 4760268854260861 \cdot P_{35},\ B_1 = 189$

$P_{35}^{2} \Rightarrow 7 \cdot 31 \cdot 43 \cdot 433 \cdot 28136126340293080197749 59 \cdot p_{38},\ B_1 = 304$

$P_{35}^{4} \Rightarrow 41 \cdot n,\ B_1 = 397;\ \ q^6,\ B_2 = 413$

$911^{28} \Rightarrow 59 \cdot 477582138796038363 13 \cdot P_{62},\ B_1 = 238$

$P_{62}^{2} \Rightarrow n,\ B_1 = 361;\ \ q^4,\ B_2 = 491$

$911^{30} \Rightarrow 683 \cdot 176887 \cdot p_{81},\ B_1 = 195$

$p_{81}^{1} \Rightarrow 3^2 \cdot 7309 \cdot 326701 \cdot 42760723 \cdot$

$1258544235535299552766607 \cdot P_{39},\ B_1 = 354;\ \ q^2,\ B_2 = 322$

2913: $911^{36} \Rightarrow 149 \cdot 2160636461 \cdot 65275319267 \cdot 126918638983 \cdot 4373689633189 \cdot p_{61},\ B_1 = 268$

2914: $p_{61}^1 \Rightarrow 3^2 \cdot 11^2 \cdot n,\ B_1 = 328;\ \ q^2,\ B_3 = 316$

2916: $911^{40} \Rightarrow 83 \cdot 2887631 \cdot 306859551964541203 \cdot P_{93},\ B_1 = 364$

2917: $911^{42} \Rightarrow 208121 \cdot 2641061 \cdot c_{113},\ B_1 = 263$

2918: $2641061^1 \Rightarrow 3 \cdot 440177,\ B_1 = 275$

2919: $440177^2 \Rightarrow 36457 \cdot 5314651,\ B_1 = 298$

2920: $5314651^2 \Rightarrow 3 \cdot 727 \cdot n,\ B_1 = 314;\ \ q^4,\ B_3 = 311$

2922: $440177^4 \Rightarrow 31 \cdot n,\ B_1 = 310$

2923: $440177^6 \Rightarrow 71 \cdot n,\ B_1 = 333;\ \ q^{10},\ B_3 = 320$

2925: $2641061^2 \Rightarrow P_{13},\ B_1 = 290$

2926: $P_{13}^2 \Rightarrow 3 \cdot 31 \cdot 97 \cdot n,\ B_1 = 319;\ \ q^4,\ B_3 = 315$

2928: $2641061^4 \Rightarrow 5 \cdot 11 \cdot 31 \cdot n,\ B_1 = 306$

2929: $2641061^6 \Rightarrow n,\ B_1 = 328;\ \ q^{10},\ B_3 = 315$

2931: $911^{46} \Rightarrow p_{137},\ B_1 = 281$

2932: $p_{137}^1 \Rightarrow 11 \cdot n,\ B_1 = 418;\ \ q^2,\ B_2 = 544$

2934: $911^{52},\ B_2 = 307$

2935: $19^6 \Rightarrow 701 \cdot 70841,\ B_1 = 18$

2936: $70841^1 \Rightarrow 3 \cdot 11807,\ B_1 = 27$

2937: $11807^2 \Rightarrow 13^2 \cdot 409 \cdot 2017,\ B_1 = 41$

2938: $2017^2 \Rightarrow 3 \cdot 331 \cdot 4099,\ B_1 = 53$

2939: $4099^2 \Rightarrow 3 \cdot 7 \cdot 800281,\ B_1 = 68$

2940: $800281^2 \Rightarrow 3 \cdot 4441 \cdot 48071041,\ B_1 = 90$

2941: $48071041^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^6 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 331^2 \cdot 409^2$

2942: $48071041^4 \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^2$

2943: $48071041^6 \Rightarrow 1137734691843425453 \cdot P_{29},\ B_1 = 213$

2944: $P_{29}^2 \Rightarrow 18201181 \cdot 9726290604931 \cdot 294626385649953823 \cdot p_{19},\ B_1 = 325$

2945: $P_{29}^4 \Rightarrow 11 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 13^2$

2946: $P_{29}^6,\ B_2 = 336$

2947: $48071041^{10} \Rightarrow 23 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 23^2$

2948: $48071041^{12} \Rightarrow 157 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 157^2 \cdot 331^2$

2949: $48071041^{16} \Rightarrow 103 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 103^2$

2950: $48071041^{18} \Rightarrow n,\ B_1 = 351;\ \ q^{22},\ B_2 = 338$

2952: $800281^4 \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^2$

2953: $800281^6 \Rightarrow 1499 \cdot 1597 \cdot 184070417581 \cdot p_{18},\ B_1 = 162$

2954: $p_{18}^2 \Rightarrow 1123 \cdot 1231 \cdot 1569391 \cdot p_{24},\ B_1 = 233$

2955: $p_{24}^2 \Rightarrow 3 \cdot 7 \cdot 31 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 31^2$

2956: $p_{24}^4 \Rightarrow n,\ B_1 = 372;\ \ q^6,\ B_3 = 326$

2958: $p_{18}^4 \Rightarrow 52051 \cdot 470149013261 \cdot 32599845645428791 \cdot n,\ B_1 = 302$

2959: $p_{18}^6 \Rightarrow 7 \cdot n,\ B_1 = 339;\ \ q^{10},\ B_2 = 355$

2961: $800281^{10} \Rightarrow 14630656906581675405799182259 \cdot p_{31},\ B_1 = 233$

2962: $p_{31}^2 \Rightarrow 1747 \cdot 12697 \cdot p_{55},\ B_1 = 356$

2963: $p_{31}^4 \Rightarrow 71 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 71^2$

2964: $p_{31}^6,\ B_2 = 370$

2965: $800281^{12} \Rightarrow 13 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13^4 \cdot 19^6 \cdot 331^2 \cdot 409^2 \cdot 701^2$

2966: $800281^{16} \Rightarrow 25953493 \cdot c_{88},\ B_1 = 252$

2967: $25953493^2 \Rightarrow 3 \cdot 19441 \cdot 11549197141,\ B_1 = 281$

2968: $11549197141^2 \Rightarrow 3 \cdot 37 \ldots,\ S\ \ 3^6 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 37^2$

2969: $11549197141^4,\ B_3 = 301$

2970: $25953493^4 \Rightarrow 11 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 13^2$

2971: $25953493^6 \Rightarrow n,\ B_1 = 326;\ \ q^{10},\ B_3 = 311$

2973: $800281^{18} \Rightarrow 19 \cdot 1747013 \cdot 3091090109851 \cdot 19783967018464547728931 \cdot n,\ B_1 = 308$

2974: $800281^{22} \Rightarrow 47^2 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 47^2$

2975: $800281^{28},\ B_2 = 330$

$4099^{4} \Rightarrow 765181 \cdot 369023021,\ B_1 = 89$

$369023021^{2} \Rightarrow 13 \cdot 73 \cdot 487 \cdot 577 \cdot 643 \cdot 794191,\ B_1 = 124$

$794191^{2} \Rightarrow 3 \cdot 307 \cdot 684842713,\ B_1 = 147$

$684842713^{2} \Rightarrow 3 \cdot 7 \cdot 13 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13^4 \cdot 19^6 \cdot 73^2$

$684842713^{4} \Rightarrow 11 \cdot 1381 \cdot 784168471 \cdot 935848841 \cdot p_{14},\ B_1 = 235$

$p_{14}^{2} \Rightarrow 10687 \cdot 26113 \cdot 1191481 \cdot p_{13},\ B_1 = 289$

$p_{13}^{2} \Rightarrow 127 \ldots,\ D;\ \ q^4,\ B_3 = 313$

$p_{14}^{4} \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 11^2$

$p_{14}^{6} \Rightarrow 211 \cdot 281 \cdot 659 \cdot n,\ B_1 = 376;\ \ q^{10},\ B_3 = 342$

$684842713^{6} \Rightarrow 491 \cdot 2087 \cdot 27329 \cdot 150991 \cdot 254213 \cdot 31448020871 \cdot P_{22},\ B_1 = 289$

$P_{22}^{2} \Rightarrow 937 \cdot n,\ B_1 = 334;\ \ q^4,\ B_3 = 331$

$684842713^{10} \Rightarrow 23 \cdot n,\ B_1 = 308$

$684842713^{12} \Rightarrow 79 \cdot 937 \cdot n,\ B_1 = 346$

$684842713^{16} \Rightarrow 239 \cdot 409 \cdot n,\ B_1 = 412;\ \ q^{18},\ B_2 = 318$

$794191^{4} \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^4 \cdot 19^6$

$794191^{6} \Rightarrow 449 \cdot p_{33},\ B_1 = 218$

$p_{33}^{2} \Rightarrow 13 \cdot 31 \cdot 601 \cdot 108943 \cdot P_{56},\ B_1 = 347$

$p_{33}^{4} \Rightarrow 61 \cdot 191 \cdot n,\ B_1 = 418;\ \ q^6,\ B_2 = 392$

$794191^{10} \Rightarrow 67 \cdot P_{58},\ B_1 = 289$

$P_{58}^{2} \Rightarrow 7^2 \cdot 31^2 \ldots,\ S\ \ 3^2 \cdot 7^2 \cdot 13^4 \cdot 19^6 \cdot 31^2 \cdot 67^2$

$P_{58}^{4},\ B_2 = 457$

$794191^{12} \Rightarrow 31123 \cdot 51949 \cdot 56629 \cdot 101323 \cdot 4589566181929 \cdot p_{40},\ B_1 = 324$

$794191^{16} \Rightarrow 103 \cdot n,\ B_1 = 303$

$794191^{18} \Rightarrow n,\ B_1 = 324$

$794191^{22} \Rightarrow 23 \cdot 47 \cdot n,\ B_1 = 374;\ \ q^{28},\ B_2 = 330$

$369023021^{4} \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 13^2$

$369023021^{6} \Rightarrow P_{52},\ B_1 = 226$

$P_{52}^{2} \Rightarrow 3 \cdot 31 \cdot 43 \cdot n,\ B_1 = 333;\ \ q^4,\ B_2 = 411$

$369023021^{10} \Rightarrow 23 \cdot 4621 \cdot 33199 \cdot 4370521 \cdot 74572547185340886402 17 \cdot P_{48},\ B_1 = 329$

$369023021^{12} \Rightarrow 79 \cdot 157 \cdot 521 \cdot 1847 \cdot 6500993481529 \cdot n,\ B_1 = 301$

$369023021^{16} \Rightarrow n,\ B_1 = 346;\ \ q^{18},\ B_2 = 308$

$4099^{6} \Rightarrow 281 \cdot p_{20},\ B_1 = 111$

$p_{20}^{2} \Rightarrow 45427579 \cdot p_{31},\ B_1 = 188$

$p_{31}^{2} \Rightarrow 3 \cdot 13 \cdot 9391 \cdot 10541359 \cdot 25902229 \cdot 457088476683403 \cdot P_{27},\ B_1 = 311$

$p_{31}^{4} \Rightarrow 431 \cdot n,\ B_1 = 375;\ \ q^6,\ B_2 = 369$

$p_{20}^{4} \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 13^2$

$p_{20}^{6} \Rightarrow 7 \cdot 43^3 \cdot 463 \cdot n,\ B_1 = 308;\ \ q^{10},\ B_2 = 384$

$4099^{10} \Rightarrow p_{37},\ B_1 = 154$

$p_{37}^{2} \Rightarrow 13 \cdot 193 \cdot 1951 \cdot 295699 \cdot 1292131 \cdot 14663727853875897 8473 \cdot p_{34},\ B_1 = 299$

$p_{34}^{2} \Rightarrow 3 \cdot 19 \cdot 139 \cdot n,\ B_1 = 368;\ \ q^4,\ B_3 = 366$

$p_{37}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 19^6$

$p_{37}^{6},\ B_2 = 433$

$4099^{12} \Rightarrow 359243 \cdot 2344750835831 \cdot p_{26},\ B_1 = 176$

$p_{26}^{2} \Rightarrow 3 \cdot 1141507 \cdot P_{45},\ B_1 = 278$

$P_{45}^{2} \Rightarrow 3 \cdot 13 \cdot 19 \cdot n,\ B_1 = 366;\ \ q^4,\ B_3 = 366$

$p_{26}^{4} \Rightarrow 11 \cdot 461 \cdot n,\ B_1 = 332;\ \ q^6,\ B_2 = 305$

$4099^{16} \Rightarrow 239 \cdot 571025989 \cdot 2005553791141 \cdot P_{35},\ B_1 = 219$

$P_{35}^{2} \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 239^2 \cdot 331^2$

$P_{35}^{4} \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 13^2$

$P_{35}^{6},\ B_2 = 412$

$4099^{18} \Rightarrow 3041 \cdot 14327 \cdot 1861868521 \cdot P_{49},\ B_1 = 241$

$P_{49}^{2} \Rightarrow 3 \cdot 7^2 \cdot 571 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 331^2 \cdot 409^2 \cdot 571^2$

$P_{49}^{4},\ B_2 = 384$

$4099^{22} \Rightarrow p_{80},\ B_1 = 284$

3043: $p_{80}^2,\ B_2 = 317$

3044: $4099^{28} \Rightarrow 59 \cdot P_{100},\ B_1 = 349$

3045: $4099^{30} \Rightarrow 5717207 \cdot 103652324099 \cdot c_{91},\ B_1 = 280$

3046: $103652324099^2 \Rightarrow 7 \cdot n,\ B_1 = 303;\ q^4,\ B_3 = 302$

3048: $4099^{36} \Rightarrow n,\ B_1 = 306$

3049: $4099^{40} \Rightarrow n,\ B_1 = 335;\ q^{42},\ B_2 = 303$

3051: $2017^4 \Rightarrow 11^2 \cdot 31 \cdot 7151 \cdot 617341,\ B_1 = 72$

3052: $617341^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13^2 \cdot 19^6$

3053: $617341^4 \Rightarrow 5 \ldots,\ S\ 3^2 \cdot 5^2 \cdot 11^2 \cdot 13^2$

3054: $617341^6 \Rightarrow 728953 \cdot P_{29},\ B_1 = 164$

3055: $P_{29}^2 \Rightarrow 3 \cdot 79 \cdot p_{56},\ B_1 = 279$

3056: $p_{56}^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ 3^4 \cdot 7^2 \cdot 11^2 \cdot 13^2$

3057: $p_{56}^4,\ B_2 = 443$

3058: $P_{29}^4 \Rightarrow 11 \cdot n,\ B_1 = 339;\ q^6,\ B_2 = 346$

3060: $617341^{10} \Rightarrow 3033826866533 \cdot 28312657048227346 31 \cdot p_{27},\ B_1 = 234$

3061: $p_{27}^2 \Rightarrow 397 \cdot 457 \cdot 42168367 \cdot 45175567 \cdot n,\ B_1 = 308$

3062: $p_{27}^4 \Rightarrow n,\ B_1 = 396;\ q^6,\ B_3 = 342$

3064: $617341^{12} \Rightarrow 1171 \cdot 111697 \cdot 279761 \cdot 387011348543 \cdot p_{45},\ B_1 = 269$

3065: $p_{45}^2 \Rightarrow 3 \cdot 7^2 \cdot 19 \ldots,\ S\ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13^2 \cdot 19^6$

3066: $p_{45}^4,\ B_3 = 357$

3067: $617341^{16} \Rightarrow 305593 \cdot 5317057 \cdot$
$53535754802514489063 7 \cdot 11323662481833156226830821 59 \cdot P_{33},\ B_1 = 338$

3068: $617341^{18} \Rightarrow 3050261 \cdot P_{98},\ B_1 = 373$

3069: $617341^{22} \Rightarrow n,\ B_1 = 315;\ q^{28},\ B_2 = 324$

3071: $2017^6 \Rightarrow 7 \cdot 29 \cdot 192062921 \cdot 1727870509,\ B_1 = 94$

3072: $1727870509^2 \Rightarrow 3 \cdot 21529 \cdot 925669 \cdot 49936897,\ B_1 = 130$

3073: $49936897^2 \Rightarrow 3 \ldots,\ S\ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 29^2$

3074: $49936897^4 \Rightarrow 6111002680771 \cdot P_{19},\ B_1 = 207$

3075: $P_{19}^2 \Rightarrow 13 \cdot 3307 \cdot 230171901038161 \cdot P_{18},\ B_1 = 279$

3076: $P_{18}^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ 3^4 \cdot 7^2 \cdot 13^4 \cdot 19^6 \cdot 29^2$

3077: $P_{18}^4,\ B_3 = 313$

3078: $P_{19}^4 \Rightarrow 5 \ldots,\ S\ 3^2 \cdot 5^2 \cdot 7^2$

3079: $P_{19}^6 \Rightarrow 7 \cdot 43 \ldots,\ S\ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 29^2 \cdot 43^2$

3080: $P_{19}^{10},\ B_2 = 360$

3081: $49936897^6 \Rightarrow 17714369 \cdot P_{39},\ B_1 = 253$

3082: $P_{39}^2 \Rightarrow 19 \cdot 97 \ldots,\ S\ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 29^2 \cdot 97^2$

3083: $P_{39}^4,\ B_3 = 331$

3084: $49936897^{10} \Rightarrow 8537 \cdot 130087 \cdot 431377 \cdot 2524567 \cdot 32764073 \cdot P_{49},\ B_1 = 345$

3085: $49936897^{12} \Rightarrow 3913027 \cdot n,\ B_1 = 306$

3086: $49936897^{16} \Rightarrow 137 \ldots,\ S\ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 29^2 \cdot 137^2$

3087: $49936897^{18} \Rightarrow n,\ B_1 = 391;\ q^{22},\ B_2 = 338$

3089: $1727870509^4 \Rightarrow 71 \ldots,\ S\ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 29^2 \cdot 71^2$

3090: $1727870509^6 \Rightarrow 7 \cdot 29 \cdot 43 \ldots,\ S\ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 29^2 \cdot 43^2$

3091: $1727870509^{10} \Rightarrow 148868897 \cdot P_{85},\ B_1 = 352$

3092: $1727870509^{12} \Rightarrow 13 \cdot 157 \ldots,\ S\ 3^2 \cdot 7^2 \cdot 13^4 \cdot 19^6 \cdot 29^2 \cdot 157^2$

3093: $1727870509^{16} \Rightarrow n,\ B_1 = 371;\ q^{18},\ B_2 = 332$

3095: $2017^{10} \Rightarrow 23 \cdot 683 \cdot 16061 \cdot P_{25},\ B_1 = 133$

3096: $P_{25}^2 \Rightarrow 3 \cdot 66491353374067371278827 \cdot p_{26},\ B_1 = 231$

3097: $p_{26}^2 \Rightarrow 3 \cdot 601 \cdot 9307922487211261 \cdot p_{33},\ B_1 = 335$

3098: $p_{26}^4 \Rightarrow n,\ B_1 = 387;\ q^6,\ B_3 = 335$

3100: $P_{25}^4 \Rightarrow 421 \cdot 903518491 \cdot 5118017221 \cdot n,\ B_1 = 303$

3101: $P_{25}^6 \Rightarrow n,\ B_1 = 380;\ q^{10},\ B_2 = 492$

3103: $2017^{12} \Rightarrow 131 \cdot 55767167 \cdot p_{30},\ B_1 = 153$

3104: $p_{30}^2 \Rightarrow 3 \cdot 7 \cdot 19 \cdot 41267131 \cdot P_{50},\ B_1 = 269$

3105: $P_{50}^2 \Rightarrow 3\ldots,\ S\ \ 3^4\cdot 7^2\cdot 13^2\cdot 19^6\cdot 131^2$

3106: $P_{50}^4,\ B_2 = 394$

3107: $p_{30}^4 \Rightarrow 11\cdot 211^2\cdot n,\ B_1 = 333;\ \ q^6,\ B_2 = 357$

3109: $2017^{16} \Rightarrow 144773\cdot 720082149636088540985 77\cdot p_{25},\ B_1 = 193$

3110: $p_{25}^2 \Rightarrow 3\cdot 102867169\cdot 939328633\cdot 67412764337119\cdot P_{19},\ B_1 = 291$

3111: $P_{19}^2 \Rightarrow 3\cdot 7\cdot n,\ B_1 = 330;\ \ q^4,\ B_3 = 328$

3113: $p_{25}^4 \Rightarrow 5\cdot 11\ldots,\ S\ \ 3^2\cdot 5^2\cdot 11^2\cdot 13^2$

3114: $p_{25}^6 \Rightarrow n,\ B_1 = 441;\ \ q^{10},\ B_2 = 497$

3116: $2017^{18} \Rightarrow 191^2\cdot 544807\cdot 389916367\cdot 8056011857\cdot P_{31},\ B_1 = 208$

3117: $P_{31}^2 \Rightarrow 7\cdot 13\cdot 12570541\cdot 6442284520223762565559\cdot p_{31},\ B_1 = 331$

3118: $P_{31}^4 \Rightarrow 11\cdot 31\cdot n,\ B_1 = 395;\ \ q^6,\ B_2 = 368$

3120: $2017^{22} \Rightarrow 1151\cdot 1270313864801\cdot 113332236855837843555161\cdot p_{35},\ B_1 = 252$

3121: $p_{35}^2 \Rightarrow 3\cdot 13\cdot 523\cdot n,\ B_1 = 325;\ \ q^4,\ B_3 = 321$

3123: $2017^{28} \Rightarrow 50867\cdot 6607709210461\cdot 358339387953089\cdot P_{61},\ B_1 = 312$

3124: $2017^{30} \Rightarrow 2357\cdot 39929\cdot 6507126239\cdot$
$1112190585151\cdot 27390840710105308199004 47\cdot p_{45},\ B_1 = 332$

3125: $2017^{36} \Rightarrow 149\cdot p_{117},\ B_1 = 391$

3126: $2017^{40} \Rightarrow 83\cdot n,\ B_1 = 301$

3127: $2017^{42} \Rightarrow n,\ B_1 = 312;\ \ q^{46},\ B_2 = 304$

3129: $11807^4 \Rightarrow 11\cdot 61\cdot 181\cdot 571\cdot 280257881,\ B_1 = 68$

3130: $280257881^2 \Rightarrow 31\cdot 43\cdot 98779\cdot 596514349,\ B_1 = 101$

3131: $596514349^2 \Rightarrow 3\cdot 7\ldots,\ S\ \ 3^2\cdot 7^2\cdot 11^2\cdot 19^6\cdot 31^2$

3132: $596514349^4 \Rightarrow 395851\cdot P_{30},\ B_1 = 189$

3133: $P_{30}^2 \Rightarrow 43\cdot 409\cdot 49549\cdot 257057869\cdot 710955781\cdot P_{33},\ B_1 = 304$

3134: $P_{30}^4 \Rightarrow 5\cdot 11\ldots,\ S\ \ 3^2\cdot 5^2\cdot 11^2\cdot 19^6$

3135: $P_{30}^6,\ B_2 = 354$

3136: $596514349^6 \Rightarrow P_{53},\ B_1 = 242$

3137: $P_{53}^2 \Rightarrow 3\cdot 19\cdot 43\cdot n,\ B_1 = 344;\ \ q^4,\ B_2 = 421$

3139: $596514349^{10} \Rightarrow 65033\cdot 1631059\cdot$
$131814195767\cdot 38269447057607963098220 23\cdot p_{42},\ B_1 = 347$

3140: $596514349^{12} \Rightarrow 13781\cdot p_{102},\ B_1 = 400$

3141: $596514349^{16} \Rightarrow n,\ B_1 = 365;\ \ q^{18},\ B_2 = 315$

3143: $280257881^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 11^2\cdot 19^6$

3144: $280257881^6 \Rightarrow 7\cdot 29\ldots,\ S\ \ 3^2\cdot 7^2\cdot 11^2\cdot 19^6\cdot 29^2$

3145: $280257881^{10} \Rightarrow 23\cdot p_{84},\ B_1 = 304$

3146: $280257881^{12} \Rightarrow 28014888340257704963352340 0339\cdot P_{72},\ B_1 = 355$

3147: $280257881^{16} \Rightarrow n,\ B_1 = 321;\ \ q^{18},\ B_2 = 304$

3149: $11807^6 \Rightarrow 1499\cdot P_{22},\ B_1 = 92$

3150: $P_{22}^2 \Rightarrow 1087\cdot 1579\cdot 8454841\cdot 938710207\cdot P_{21},\ B_1 = 177$

3151: $P_{21}^2 \Rightarrow 3\cdot 6301\cdot 480960559\cdot p_{28},\ B_1 = 258$

3152: $p_{28}^2 \Rightarrow 3\cdot 7^2\cdot n,\ B_1 = 314;\ \ q^4,\ B_3 = 313$

3154: $P_{21}^4 \Rightarrow 375511\cdot 400381\cdot 649751\cdot n,\ B_1 = 316$

3155: $P_{21}^6 \Rightarrow 7\cdot 43\cdot n,\ B_1 = 383;\ \ q^{10},\ B_2 = 407$

3157: $P_{22}^4 \Rightarrow 11\cdot 31\cdot 2281\cdot 184651\cdot 182074271\cdot 172858406282443031812 30651\cdot P_{41},\ B_1 = 305$

3158: $P_{22}^6 \Rightarrow 7\cdot n,\ B_1 = 305;\ \ q^{10},\ B_2 = 425$

3160: $11807^{10} \Rightarrow 23\cdot 67\cdot 3191\cdot 56327115967\cdot p_{24},\ B_1 = 141$

3161: $p_{24}^2 \Rightarrow 3\cdot 225925764806926507\cdot P_{29},\ B_1 = 233$

3162: $P_{29}^2 \Rightarrow 3\cdot 307\cdot p_{55},\ B_1 = 348$

3163: $P_{29}^4 \Rightarrow 11^2\cdot n,\ B_1 = 405;\ \ q^6,\ B_3 = 348$

3165: $p_{24}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 19^6\cdot 23^2\cdot 67^2$

3166: $p_{24}^6 \Rightarrow 7\cdot n,\ B_1 = 374;\ \ q^{10},\ B_2 = 465$

3168: $11807^{12} \Rightarrow 90793\cdot 653641\cdot 79997853619919\cdot P_{25},\ B_1 = 165$

3169: $P_{25}^2 \Rightarrow 37\cdot 21787\cdot 242173\cdot 420262176997681\cdot P_{23},\ B_1 = 262$

3170: $P_{23}^2 \Rightarrow 3\cdot n,\ B_1 = 306;\ \ q^4,\ B_3 = 307$

3172: $P_{25}^4 \Rightarrow 61 \cdot n,\ B_1 = 312$
3173: $P_{25}^6 \Rightarrow n,\ B_1 = 407;\ q^{10},\ B_2 = 483$
3175: $11807^{16} \Rightarrow 1176367 \cdot 343965353 \cdot P_{51},\ B_1 = 214$
3176: $P_{51}^2 \Rightarrow n,\ B_1 = 315;\ q^4,\ B_2 = 404$
3178: $11807^{18} \Rightarrow 1559 \cdot P_{71},\ B_1 = 239$
3179: $P_{71}^2 \Rightarrow 31 \cdot 223 \cdot n,\ B_1 = 383;\ q^4,\ B_2 = 560$
3181: $11807^{22} \Rightarrow 139 \cdot 599 \cdot 55711610621 \cdot 49081356838285969 \cdot p_{58},\ B_1 = 287$
3182: $p_{58}^2 \Rightarrow 3 \cdot 283 \cdot n,\ B_1 = 404;\ q^4,\ B_2 = 457$
3184: $11807^{28} \Rightarrow 59^2 \cdot 9281 \cdot 20402696773 \cdot c_{97},\ B_1 = 261$
3185: $20402696773^2 \Rightarrow 3 \cdot 7 \cdot 31 \cdot 457 \cdot p_{16},\ B_1 = 301$
3186: $20402696773^4 \Rightarrow 281 \cdot n,\ B_1 = 325;\ q^6,\ B_3 = 302$
3188: $11807^{30} \Rightarrow 311 \cdot 1715603 \cdot 603105943401260314994232841 \cdot p_{87},\ B_1 = 385$
3189: $11807^{36} \Rightarrow 149 \cdot n,\ B_1 = 314;\ q^{40},\ B_2 = 325$
3191: $70841^2 \Rightarrow 39103 \cdot 128341,\ B_1 = 37$
3192: $128341^1 \Rightarrow 64171,\ B_1 = 46$
3193: $64171^2 \Rightarrow 3 \cdot 7^2 \cdot 13 \cdot 79 \cdot 27277,\ B_1 = 64$
3194: $27277^2 \Rightarrow 3 \cdot 13 \cdot 3727 \cdot 5119,\ B_1 = 79$
3195: $5119^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^4 \cdot 7^4 \cdot 13^2 \cdot 19^6 \cdot 79^2$
3196: $5119^4 \Rightarrow 11 \ldots,\ S\ \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13^2 \cdot 19^6$
3197: $5119^6 \Rightarrow 239 \cdot 337 \cdot 158979983 \cdot 1405482289,\ B_1 = 138$
3198: $1405482289^2 \Rightarrow 3 \cdot 13 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13^4 \cdot 19^6 \cdot 79^2$
3199: $1405482289^4 \Rightarrow 439148676416717341 \cdot p_{19},\ B_1 = 229$
3200: $p_{19}^2 \Rightarrow 26821 \cdot 95861383 \cdot 1778066461 \cdot p_{17},\ B_1 = 305$
3201: $p_{19}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$
3202: $p_{19}^6,\ B_3 = 305$
3203: $1405482289^6 \Rightarrow 7 \cdot p_{55},\ B_1 = 284$
3204: $p_{55}^2 \Rightarrow 3 \ldots,\ S\ \ 3^4 \cdot 7^4 \cdot 13^2 \cdot 19^6 \cdot 79^2$
3205: $p_{55}^4,\ B_2 = 432$
3206: $1405482289^{10} \Rightarrow 67 \cdot n,\ B_1 = 304$
3207: $1405482289^{12} \Rightarrow n,\ B_1 = 339$
3208: $1405482289^{16} \Rightarrow 409 \cdot n,\ B_1 = 415;\ q^{18},\ B_2 = 329$
3210: $5119^{10} \Rightarrow 23 \ldots,\ S\ \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 23^2$
3211: $5119^{12} \Rightarrow 14561 \cdot 13706958049154371 \cdot P_{25},\ B_1 = 205$
3212: $P_{25}^2 \Rightarrow 5779 \cdot 684427 \cdot 1476523 \cdot 53821087 \cdot p_{25},\ B_1 = 302$
3213: $P_{25}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$
3214: $P_{25}^6,\ B_3 = 302$
3215: $5119^{16} \Rightarrow 103 \cdot 137 \cdot 1259 \cdot 15641 \cdot 145963 \cdot 473009 \cdot 12575513 \cdot P_{30},\ B_1 = 249$
3216: $P_{30}^2 \Rightarrow 3 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 79^2$
3217: $P_{30}^4,\ B_3 = 309$
3218: $5119^{18} \Rightarrow 191 \cdot 372059 \cdot 1021870150957 \cdot 266506486763619029 \cdot p_{30},\ B_1 = 271$
3219: $p_{30}^2 \Rightarrow 13 \cdot 859 \cdot n,\ B_1 = 334;\ q^4,\ B_3 = 330$
3221: $5119^{22} \Rightarrow 12007 \cdot 162387043613 \cdot$
$40781911415579 \cdot 21529901376885175936984489 \cdot p_{28},\ B_1 = 316$
3222: $5119^{28} \Rightarrow 59 \cdot 15661 \cdot 578479183 \cdot 1710458521887029 \cdot n,\ B_1 = 309$
3223: $5119^{30} \Rightarrow 213901 \cdot 866388683 \cdot P_{98},\ B_1 = 405$
3224: $5119^{36} \Rightarrow n,\ B_1 = 338$
3225: $5119^{40} \Rightarrow n,\ B_1 = 368;\ q^{42},\ B_2 = 311$
3227: $27277^4 \Rightarrow 62071 \cdot P_{13},\ B_1 = 108$
3228: $P_{13}^2 \Rightarrow 7 \cdot 43 \ldots,\ S\ \ 3^2 \cdot 7^4 \cdot 13^2 \cdot 19^6 \cdot 43^2 \cdot 79^2 \cdot 701^2$
3229: $P_{13}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$
3230: $P_{13}^6 \Rightarrow 71 \cdot 281 \cdot 21280757 \cdot 27986574396019 \cdot p_{53},\ B_1 = 316$
3231: $P_{13}^{10} \Rightarrow n,\ B_1 = 341;\ q^{12},\ B_2 = 310$
3233: $27277^6 \Rightarrow 211 \cdot 16087 \cdot P_{21},\ B_1 = 135$
3234: $P_{21}^2 \Rightarrow 3 \cdot 19 \cdot 30313 \cdot 88261 \cdot 3587655490957 \cdot p_{17},\ B_1 = 212$

$p_{17}^2 \Rightarrow 3\cdot 7\cdot 19\ldots,\ S\ \ 3^4\cdot 7^4\cdot 13^2\cdot 19^6\cdot 79^2$

$p_{17}^4 \Rightarrow 41\cdot 131\ldots,\ S\ \ 3^2\cdot 7^2\cdot 13^2\cdot 19^6\cdot 41^2\cdot 79^2\cdot 131^2$

$p_{17}^6 \Rightarrow n,\ B_1 = 376;\ \ q^{10},\ B_3 = 343$

$P_{21}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^2$

$P_{21}^6 \Rightarrow 127\ldots,\ D$

$P_{21}^{10},\ B_2 = 401$

$27277^{10} \Rightarrow 198397\cdot 250418711218369\cdot P_{25},\ B_1 = 188$

$P_{25}^2 \Rightarrow 1431884771043742560 7\cdot P_{31},\ B_1 = 287$

$P_{31}^2 \Rightarrow 3\cdot 7\cdot 37\ldots,\ S\ \ 3^2\cdot 7^4\cdot 13^2\cdot 19^6\cdot 37^2\cdot 79^2$

$P_{31}^4,\ B_3 = 347$

$P_{25}^4 \Rightarrow 31\cdot 61\ldots,\ S\ \ 3^2\cdot 7^2\cdot 13^2\cdot 19^6\cdot 31^2\cdot 61^2$

$P_{25}^6 \Rightarrow 29\ldots,\ S\ \ 3^2\cdot 7^2\cdot 13^2\cdot 19^6\cdot 29^2\cdot 79^2$

$P_{25}^{10},\ B_2 = 493$

$27277^{12} \Rightarrow 79\cdot 2426723729\cdot P_{42},\ B_1 = 211$

$P_{42}^2 \Rightarrow 19\cdot 193\cdot 9283\cdot p_{77},\ B_1 = 376;\ \ q^4,\ B_2 = 335$

$27277^{16} \Rightarrow 8161\cdot 428401\cdot 12154117\cdot 18693457687\cdot 224625253963538101\cdot P_{27},\ B_1 = 268$

$P_{27}^2 \Rightarrow 7\cdot 19\cdot n,\ B_1 = 321;\ \ q^4,\ B_3 = 322$

$27277^{18} \Rightarrow 3037966412730116213\cdot 1265287681549445717 81\cdot P_{42},\ B_1 = 295$

$P_{42}^2 \Rightarrow 3\cdot n,\ B_1 = 377;\ \ q^4,\ B_3 = 377$

$27277^{22} \Rightarrow 47\cdot 277\cdot 599\ldots,\ S\ \ 3^2\cdot 7^2\cdot 13^2\cdot 19^6\cdot 47^2\cdot 79^2\cdot 277^2\cdot 599^2\cdot 701^2$

$27277^{28} \Rightarrow 59\cdot 233\cdot 523\cdot n,\ B_1 = 310$

$27277^{30} \Rightarrow n,\ B_1 = 321;\ \ q^{36},\ B_2 = 319$

$64171^4 \Rightarrow 5\cdot 101\cdot p_{17},\ B_1 = 95$

$p_{17}^2 \Rightarrow 19\cdot p_{32},\ B_1 = 158$

$p_{32}^2 \Rightarrow 3\cdot 7\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^2$

$p_{32}^4 \Rightarrow n,\ B_1 = 349;\ \ q^6,\ B_2 = 381$

$p_{17}^4 \Rightarrow 5\cdot 11\cdot 31\cdot 101\cdot p_{61},\ B_1 = 254$

$p_{61}^2 \Rightarrow 13\cdot 19\cdot 307\cdot 541\cdot 733\cdot n,\ B_1 = 384;\ \ q^4,\ B_2 = 486$

$p_{17}^6 \Rightarrow 143352274829\cdot c_{89},\ B_1 = 271$

$143352274829^2 \Rightarrow 178351\cdot 853837\cdot 134945578333,\ B_1 = 316$

$143352274829^4 \Rightarrow 11\cdot 71\cdot n,\ B_1 = 341;\ \ q^6,\ B_3 = 316$

$p_{17}^{10},\ B_2 = 330$

$64171^6 \Rightarrow 29\cdot 7589\cdot 105337\cdot 429227\cdot P_{13},\ B_1 = 123$

$P_{13}^2 \Rightarrow 19\cdot 2953\cdot P_{21},\ B_1 = 172$

$P_{21}^2 \Rightarrow 3\cdot 2287\cdot p_{39},\ B_1 = 256$

$p_{39}^2 \Rightarrow 3\cdot 13^2\cdot 571\cdot n,\ B_1 = 334;\ \ q^4,\ B_3 = 332$

$P_{21}^4 \Rightarrow 31\cdot 16091\cdot 7616881\cdot n,\ B_1 = 310$

$P_{21}^6 \Rightarrow 211\cdot n,\ B_1 = 384;\ \ q^{10},\ B_2 = 418$

$P_{13}^4 \Rightarrow 11\cdot 31\cdot 71\cdot 811\cdot 1220411\cdot 3666121\cdot P_{32},\ B_1 = 252$

$P_{32}^2 \Rightarrow 7\cdot n,\ B_1 = 316;\ \ q^4,\ B_3 = 315$

$P_{13}^6 \Rightarrow 7\cdot 29^2\cdot 43\cdot 631\cdot 22028705161\cdot 22010861183683\cdot p_{46},\ B_1 = 326$

$P_{13}^{10} \Rightarrow 419\cdot n,\ B_1 = 357;\ \ q^{12},\ B_2 = 308$

$64171^{10} \Rightarrow 89\cdot 6536311\cdot 44567128789481\cdot P_{26},\ B_1 = 181$

$P_{26}^2 \Rightarrow 19\cdot P_{51},\ B_1 = 281$

$P_{51}^2 \Rightarrow 3\cdot 7\cdot 619\cdot n,\ B_1 = 385;\ \ q^4,\ B_2 = 400$

$P_{26}^4 \Rightarrow 31\cdot n,\ B_1 = 337;\ \ q^6,\ B_2 = 307$

$64171^{12} \Rightarrow 131\cdot 677\cdot 59265571\cdot 10086686689\cdot p_{35},\ B_1 = 210$

$p_{35}^2 \Rightarrow 3\cdot 19^3\cdot 37\cdot 43\cdot 151\cdot 38431\cdot 2333167\cdot 168873373403798311\cdot p_{33},\ B_1 = 342$

$p_{35}^4 \Rightarrow 5\cdot 241\cdot n,\ B_1 = 423;\ \ q^6,\ B_2 = 419$

$64171^{16} \Rightarrow 2878221572129336127 1699\cdot 6105023848410941208 70067\cdot p_{31},\ B_1 = 268$

$p_{31}^2 \Rightarrow 3\cdot n,\ B_1 = 329;\ \ q^4,\ B_3 = 329$

$64171^{18} \Rightarrow 22079\cdot 10096601\cdot 1587035269\cdot 6989516202392720291533 6129\cdot P_{41},\ B_1 = 296$

$P_{41}^2 \Rightarrow 3\cdot 7\cdot n,\ B_1 = 378;\ \ q^4,\ B_3 = 377$

$64171^{22} \Rightarrow 23\cdot 47\cdot 967\cdot 1151\cdot 173743\cdot c_{92},\ B_1 = 263$

3306: $173743^{2} \Rightarrow 3 \cdot 19 \cdot 331 \cdot 919 \cdot 1741,\ B_1 = 281$

3307: $1741^{2} \Rightarrow 3 \cdot 31 \cdot 32611,\ B_1 = 293$

3308: $32611^{2} \Rightarrow 3 \cdot 19 \cdot n,\ B_1 = 301;\ q^{4},\ B_3 = 302$

3310: $1741^{4} \Rightarrow 5 \cdot 11 \ldots,\ S\ 3^{2} \cdot 5^{2} \cdot 11^{2} \cdot 19^{6}$

3311: $1741^{6} \Rightarrow 43 \cdot 71 \cdot n,\ B_1 = 317;\ q^{10},\ B_3 = 307$

3313: $173743^{4} \Rightarrow 11 \cdot P_{20},\ B_1 = 315$

3314: $173743^{6} \Rightarrow 463 \cdot n,\ B_1 = 318;\ q^{10},\ B_3 = 305$

3316: $64171^{28} \Rightarrow 349 \cdot n,\ B_1 = 309$

3317: $64171^{30} \Rightarrow 31 \cdot 311 \cdot n,\ B_1 = 329;\ q^{36},\ B_2 = 346$

3319: $128341^{2} \Rightarrow 3 \cdot 5490513541,\ B_1 = 53$

3320: $5490513541^{1} \Rightarrow 2745256771,\ B_1 = 72$

3321: $2745256771^{2} \Rightarrow 3 \cdot 157 \cdot 241 \cdot 967 \cdot 68659639549,\ B_1 = 108$

3322: $68659639549^{2} \Rightarrow 3 \cdot 7 \cdot 10111 \cdot 7086103 \cdot 3133157107,\ B_1 = 152$

3323: $3133157107^{2} \Rightarrow 3 \cdot 552006661 \cdot 5927871379,\ B_1 = 189$

3324: $5927871379^{2} \Rightarrow 3 \cdot 221623 \cdot p_{14},\ B_1 = 228$

3325: $p_{14}^{2} \Rightarrow 3 \cdot 7293259993 \cdot p_{18},\ B_1 = 282$

3326: $p_{18}^{2} \Rightarrow 3 \cdot n,\ B_1 = 316;\ q^{4},\ B_3 = 316$

3328: $p_{14}^{4} \Rightarrow n,\ B_1 = 310$

3329: $p_{14}^{6} \Rightarrow n,\ B_1 = 365;\ q^{10},\ B_3 = 338$

3331: $5927871379^{4} \Rightarrow 61 \cdot 101 \cdot 331 \cdot 1901 \cdot 171481 \cdot P_{25},\ B_1 = 286$

3332: $P_{25}^{2} \Rightarrow n,\ B_1 = 335;\ q^{4},\ B_3 = 335$

3334: $5927871379^{6} \Rightarrow 5419568076908244177089912 7173 \cdot p_{30},\ B_1 = 345$

3335: $5927871379^{10} \Rightarrow 11 \ldots,\ S\ 3^{4} \cdot 7^{2} \cdot 11^{2} \cdot 19^{6}$

3336: $5927871379^{12} \Rightarrow 13 \cdot 53 \ldots,\ S\ 3^{4} \cdot 7^{2} \cdot 13^{2} \cdot 19^{6} \cdot 53^{2}$

3337: $5927871379^{16},\ B_3 = 326$

3338: $3133157107^{4} \Rightarrow 11 \ldots,\ S\ 3^{4} \cdot 7^{2} \cdot 11^{2} \cdot 19^{6}$

3339: $3133157107^{6} \Rightarrow 29 \cdot 35595178037371 \cdot P_{42},\ B_1 = 304$

3340: $3133157107^{10} \Rightarrow 89 \cdot n,\ B_1 = 325$

3341: $3133157107^{12} \Rightarrow 53 \cdot n,\ B_1 = 362;\ q^{16},\ B_2 = 303$

3343: $68659639549^{4} \Rightarrow 331 \cdot 7741 \cdot 506536631 \cdot p_{29},\ B_1 = 217$

3344: $p_{29}^{2} \Rightarrow 127 \ldots,\ D$

3345: $p_{29}^{4} \Rightarrow 5 \cdot 11 \ldots,\ S\ 3^{2} \cdot 5^{2} \cdot 11^{2} \cdot 19^{6}$

3346: $p_{29}^{6},\ B_2 = 338$

3347: $68659639549^{6} \Rightarrow 127 \ldots,\ D$

3348: $68659639549^{10} \Rightarrow 23 \cdot 199 \cdot n,\ B_1 = 307$

3349: $68659639549^{12} \Rightarrow n,\ B_1 = 347;\ q^{16},\ B_2 = 346$

3351: $2745256771^{4} \Rightarrow 5 \cdot 11 \ldots,\ S\ 3^{2} \cdot 5^{2} \cdot 11^{2} \cdot 19^{6}$

3352: $2745256771^{6} \Rightarrow 6101551 \cdot 43424921 \cdot 205579277 \cdot 143550303107 \cdot p_{23},\ B_1 = 223$

3353: $p_{23}^{2} \Rightarrow 193 \cdot 106706617 \cdot 850719511 \cdot p_{27},\ B_1 = 314$

3354: $p_{23}^{4} \Rightarrow 11 \cdot n,\ B_1 = 360;\ q^{6},\ B_3 = 314$

3356: $2745256771^{10} \Rightarrow 232814414999 \cdot c_{84},\ B_1 = 253$

3357: $232814414999^{2} \Rightarrow 8654761 \cdot p_{16},\ B_1 = 298$

3358: $p_{16}^{2} \Rightarrow 3 \cdot 13 \cdot n,\ B_1 = 330;\ q^{4},\ B_3 = 330$

3360: $232814414999^{4} \Rightarrow n,\ B_1 = 321$

3361: $232814414999^{6} \Rightarrow 29 \cdot 631 \cdot 659 \cdot n,\ B_1 = 374;\ q^{10},\ B_3 = 344$

3363: $2745256771^{12} \Rightarrow 137916246781 \cdot 5682408364009079 \cdot P_{87},\ B_1 = 392;\ q^{16},\ B_2 = 302$

3365: $5490513541^{2} \Rightarrow 3 \cdot 7 \cdot P_{19},\ B_1 = 98$

3366: $P_{19}^{2} \Rightarrow 3 \cdot 7^{2} \cdot 19 \cdot 181 \cdot 71788098878767 \cdot P_{17},\ B_1 = 166$

3367: $P_{17}^{2} \Rightarrow 3 \cdot 199 \cdot 397 \cdot 107136718849 \cdot p_{18},\ B_1 = 218$

3368: $p_{18}^{1} \Rightarrow 7 \cdot 64124773 \cdot 141437827,\ B_1 = 250$

3369: $141437827^{2} \Rightarrow 3 \cdot 2467 \cdot 543157 \cdot 4976401,\ B_1 = 282$

3370: $4976401^{2} \Rightarrow 3 \cdot 73 \cdot 271 \cdot 417270247,\ B_1 = 308$

3371: $4976401^{4} \Rightarrow 5 \ldots,\ S\ 3^{6} \cdot 5^{2} \cdot 7^{4}$

3372: $4976401^{6},\ B_3 = 309$

$141437827^{4} \Rightarrow 11\ldots,\ S\ 3^{4}\cdot 7^{4}\cdot 11^{2}\cdot 19^{6}$

$141437827^{6} \Rightarrow n,\ B_1 = 331;\ \ q^{10},\ B_3 = 315$

$p_{18}^{2} \Rightarrow 3\cdot 13\ldots,\ S\ 3^{6}\cdot 7^{4}\cdot 13\cdot 19^{6}\cdot 181^{2}\cdot 199^{2}$

$p_{18}^{4} \Rightarrow 11\ldots,\ S\ 3^{4}\cdot 7^{4}\cdot 11^{2}\cdot 19^{6}$

$p_{18}^{6} \Rightarrow 113\cdot n,\ B_1 = 397;\ \ q^{10},\ B_3 = 361$

$P_{17}^{4} \Rightarrow 11\ldots,\ S\ 3^{4}\cdot 7^{4}\cdot 11^{2}\cdot 19^{6}$

$P_{17}^{6} \Rightarrow n,\ B_1 = 333;\ \ q^{10},\ B_2 = 335$

$P_{19}^{4} \Rightarrow 11\cdot 170141\cdot 1453341301\cdot P_{58},\ B_1 = 273$

$P_{58}^{2} \Rightarrow 13\ldots,\ S\ 3^{2}\cdot 7^{2}\cdot 11^{2}\cdot 13\cdot 19^{6}$

$P_{58}^{4},\ B_2 = 457$

$P_{19}^{6} \Rightarrow 953\cdot 15884363386091243\cdot c_{90},\ B_1 = 298$

$P_{17}^{2} \Rightarrow 79\cdot n,\ B_1 = 332;\ \ q^{4},\ B_3 = 331$

$P_{19}^{10},\ B_2 = 363$

$5490513541^{4} \Rightarrow 5\cdot 7211\cdot 1135891\cdot 21059711\cdot P_{22},\ B_1 = 157$

$P_{22}^{2} \Rightarrow 3\cdot 7\ldots,\ S\ 3^{2}\cdot 5\cdot 7^{2}$

$P_{22}^{4} \Rightarrow 5\cdot 31\cdot 1009651\cdot 848329921\cdot 93726824763964537073231\cdot P_{44},\ B_1 = 360$

$P_{22}^{6} \Rightarrow 281\cdot n,\ B_1 = 370;\ \ q^{10},\ B_2 = 420$

$5490513541^{6} \Rightarrow 71\cdot 5881457\cdot 728614573\cdot p_{41},\ B_1 = 177$

$p_{41}^{1} \Rightarrow 29\cdot 41\cdot 211\cdot 198851\cdot p_{30},\ B_1 = 259$

$p_{30}^{2} \Rightarrow n,\ B_1 = 318;\ \ q^{4},\ B_3 = 318$

$p_{41}^{2} \Rightarrow 3\cdot 1201\cdot p_{79},\ B_1 = 303;\ \ q^{4},\ B_2 = 327$

$5490513541^{10} \Rightarrow 199\cdot 54962227\cdot 26115353837\cdot P_{77},\ B_1 = 325$

$5490513541^{12} \Rightarrow 157\cdot 1363259\cdot 124861049\cdot c_{101},\ B_1 = 285$

$124861049^{1} \Rightarrow 3^{2}\cdot 5^{2}\cdot 83\cdot 3343,\ B_1 = 298$

$3343^{2} \Rightarrow 3\cdot 7\ldots,\ S\ 3^{4}\cdot 5^{2}\cdot 7^{2}$

$3343^{4},\ B_3 = 305$

$124861049^{2} \Rightarrow n,\ B_1 = 306;\ \ q^{4},\ B_3 = 306$

$5490513541^{16},\ B_2 = 311$

$128341^{4} \Rightarrow 5\cdot 11^{2}\cdot 61\cdot 541\cdot 1058821\cdot 12833941,\ B_1 = 84$

$12833941^{1} \Rightarrow 11\cdot 179\cdot 3259,\ B_1 = 97$

$3259^{2} \Rightarrow 3\cdot 7\ldots,\ S\ 3^{2}\cdot 5^{2}\cdot 7^{2}$

$3259^{4} \Rightarrow 11\cdot 31\cdot 330914915941,\ B_1 = 131$

$330914915941^{2} \Rightarrow 3\ldots,\ S\ 3^{2}\cdot 5^{2}\cdot 11^{4}\cdot 19^{6}$

$330914915941^{4} \Rightarrow 5\cdot 11\cdot 61\cdot 77272570816463731\cdot p_{26},\ B_1 = 241$

$p_{26}^{2} \Rightarrow 19^{2}\cdot 37\cdot 158291400706849\cdot P_{34},\ B_1 = 338$

$p_{26}^{4} \Rightarrow 5\cdot 31\cdot n,\ B_1 = 394;\ \ q^{6},\ B_3 = 343$

$330914915941^{6} \Rightarrow 7\cdot 26573\cdot 26993\cdot 135353\cdot p_{55},\ B_1 = 315$

$330914915941^{10} \Rightarrow 67\cdot n,\ B_1 = 340$

$330914915941^{12} \Rightarrow 677\cdot n,\ B_1 = 387;\ \ q^{16},\ B_2 = 368$

$3259^{6} \Rightarrow 5839\cdot P_{18},\ B_1 = 154$

$P_{18}^{2} \Rightarrow 3\ldots,\ S\ 3^{2}\cdot 5^{2}\cdot 11^{4}\cdot 19^{6}$

$P_{18}^{4} \Rightarrow 11\cdot P_{69},\ B_1 = 325$

$P_{18}^{6} \Rightarrow 7\cdot 673\cdot n,\ B_1 = 330;\ \ q^{10},\ B_2 = 346$

$3259^{10} \Rightarrow 23\cdot 439905577\cdot P_{26},\ B_1 = 196$

$P_{26}^{2} \Rightarrow 3\cdot 19\ldots,\ S\ 3^{2}\cdot 5^{2}\cdot 11^{4}\cdot 19^{6}$

$P_{26}^{4} \Rightarrow 5\cdot 31\cdot 101\cdot n,\ B_1 = 349;\ \ q^{6},\ B_2 = 301$

$3259^{12} \Rightarrow 2341\cdot 75193\cdot 169454689\cdot p_{26},\ B_1 = 217$

$p_{26}^{2} \Rightarrow 3\ldots,\ S\ 3^{2}\cdot 5^{2}\cdot 11^{4}\cdot 19^{6}$

$p_{26}^{4} \Rightarrow n,\ B_1 = 371;\ \ q^{6},\ B_3 = 320$

$3259^{16} \Rightarrow 103\cdot 254593\cdot 5363159193146749\cdot P_{34},\ B_1 = 259$

$P_{34}^{2} \Rightarrow 19\cdot n,\ B_1 = 324;\ \ q^{4},\ B_3 = 325$

$3259^{18} \Rightarrow 229\cdot 7999913\cdot p_{54},\ B_1 = 280$

$p_{54}^{2} \Rightarrow 7\cdot 109\cdot n,\ B_1 = 391;\ \ q^{4},\ B_2 = 431$

$3259^{22} \Rightarrow 47\cdot 7894153\cdot P_{69},\ B_1 = 322$

$3259^{28} \Rightarrow 349 \cdot 523 \cdot 1481640103 \cdot n,\ B_1 = 302$

$3259^{30} \Rightarrow n,\ B_1 = 301$

$3259^{36} \Rightarrow n,\ B_1 = 343$

$3259^{40} \Rightarrow n,\ B_1 = 371$

$3259^{42} \Rightarrow n,\ B_1 = 386;\ \ q^{46},\ B_2 = 323$

$12833941^2 \Rightarrow 3 \cdot 13 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 11^2 \cdot 13^2$

$12833941^4 \Rightarrow 5 \cdot 491 \cdot 102001 \cdot P_{21},\ B_1 = 155$

$P_{21}^2 \Rightarrow 7 \cdot P_{40},\ B_1 = 235$

$P_{40}^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

$P_{40}^4,\ B_2 = 313$

$P_{21}^4 \Rightarrow 5 \cdot 271 \cdot 8515321 \cdot 1872158370262517478851888892751 \cdot p_{41},\ B_1 = 320$

$P_{21}^6 \Rightarrow 43 \cdot n,\ B_1 = 357;\ \ q^{10},\ B_2 = 400$

$12833941^6 \Rightarrow 7 \cdot 29 \cdot 281 \cdot 90422310721 \cdot 2521087073569 \cdot p_{15},\ B_1 = 190$

$p_{15}^1 \Rightarrow 1913 \cdot 119047 \cdot 754451,\ B_1 = 219$

$754451^2 \Rightarrow 13 \cdot 1399 \cdot 31296919,\ B_1 = 242$

$31296919^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

$31296919^4 \Rightarrow 11^2 \cdot 401 \cdot 1471 \cdot 74131 \cdot 177811 \cdot P_{13},\ B_1 = 315$

$31296919^6 \Rightarrow 71 \cdot n,\ B_1 = 319;\ \ q^{10},\ B_3 = 302$

$754451^4 \Rightarrow 5 \cdot 11 \cdot 31 \cdot 41 \cdot 71 \cdot P_{17},\ B_1 = 276$

$P_{17}^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^2$

$P_{17}^4,\ B_3 = 310$

$754451^6 \Rightarrow 29 \cdot 43 \cdot 3130529029132261 \cdot P_{17},\ B_1 = 310$

$754451^{10} \Rightarrow n,\ B_1 = 324$

$754451^{12} \Rightarrow 53 \cdot n,\ B_1 = 350;\ \ q^{16},\ B_3 = 301$

$p_{15}^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^2$

$p_{15}^4 \Rightarrow 5 \cdot 11 \cdot 294211030224641 \cdot 5339460245255618957 21 \cdot P_{22},\ B_1 = 328$

$p_{15}^6 \Rightarrow 7 \cdot n,\ B_1 = 337;\ \ q^{10},\ B_3 = 309$

$12833941^{10} \Rightarrow 67 \cdot p_{70},\ B_1 = 221$

$p_{70}^1 \Rightarrow 3^4 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 11^2$

$p_{70}^2 \Rightarrow 193 \cdot n,\ B_1 = 425;\ \ q^4,\ B_2 = 554$

$12833941^{12} \Rightarrow 53 \cdot 399647 \cdot 14794651 \cdot$
$234235693714005216689 \cdot 42541058606075205 71447 \cdot P_{29},\ B_1 = 312$

$12833941^{16} \Rightarrow 1361 \cdot 15607 \cdot n,\ B_1 = 306$

$12833941^{18} \Rightarrow n,\ B_1 = 327;\ \ q^{22},\ B_2 = 312$

$128341^6 \Rightarrow 29 \cdot 38934969278521 \cdot P_{16},\ B_1 = 110$

$P_{16}^2 \Rightarrow 103 \cdot 163 \cdot 1381 \cdot 151677497137 \cdot p_{13},\ B_1 = 172$

$p_{13}^1 \Rightarrow 737873 \cdot 3018317,\ B_1 = 198$

$3018317^2 \Rightarrow 13^2 \cdot 53906748703,\ B_1 = 222$

$53906748703^2 \Rightarrow 3 \cdot 151 \cdot 271 \cdot 4027 \cdot p_{13},\ B_1 = 265$

$p_{13}^2 \Rightarrow 3 \cdot 19 \cdot P_{24},\ B_1 = 312$

$p_{13}^4 \Rightarrow 11 \cdot 41 \cdot 71 \ldots,\ S\ \ 3^2 \cdot 11^2 \cdot 13^2 \cdot 19^6 \cdot 29^2 \cdot 41^2 \cdot 71^2 \cdot 103^2 \cdot 151^2 \cdot 163^2 \cdot 271^2$

$p_{13}^6,\ B_3 = 316$

$53906748703^4 \Rightarrow 11 \cdot 31 \cdot 311 \cdot 11659813381 \cdot n,\ B_1 = 301$

$53906748703^6 \Rightarrow 29^2 \cdot n,\ B_1 = 329;\ \ q^{10},\ B_3 = 308$

$3018317^4 \Rightarrow 11 \cdot 31 \cdot 112921 \cdot 18002161 \cdot 119730778721,\ B_1 = 263$

$119730778721^2 \Rightarrow 12855463 \cdot p_{16},\ B_1 = 307$

$119730778721^4 \Rightarrow 5 \cdot 11 \cdot 71 \cdot n,\ B_1 = 331;\ \ q^6,\ B_3 = 307$

$3018317^6 \Rightarrow 7 \cdot 1709 \cdot 920298233891 \cdot P_{23},\ B_1 = 302$

$3018317^{10} \Rightarrow 23 \cdot n,\ B_1 = 316$

$3018317^{12} \Rightarrow 313 \cdot n,\ B_1 = 343$

$3018317^{16} \Rightarrow 17 \cdot n,\ B_1 = 394;\ \ q^{18},\ B_3 = 302$

$p_{13}^2 \Rightarrow 3 \cdot 13 \cdot 19 \cdot P_{23},\ B_1 = 221$

$P_{23}^2 \Rightarrow 3 \cdot 7 \cdot 13 \ldots,\ S\ \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 29 \cdot 103^2$

$P_{23}^4 \Rightarrow 41 \cdot n,\ B_1 = 357;\ \ q^6,\ B_3 = 310$

$p_{13}^4 \Rightarrow 5 \cdot 1019592569461 \cdot 491585072149689151 \cdot P_{21},\ B_1 = 299$

$P_{21}^2 \Rightarrow 3 \cdot 13 \cdot 19 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 13^2 \cdot 19^6 \cdot 29^2$

$P_{21}^4,\ B_3 = 339$

$p_{13}^6 \Rightarrow P_{76},\ B_1 = 375$

$p_{13}^{10} \Rightarrow n,\ B_1 = 400;\ \ q^{12},\ B_2 = 303$

$P_{16}^4 \Rightarrow 11 \cdot 41 \cdot 22163887550817200253654851 \cdot p_{35},\ B_1 = 245$

$p_{35}^1 \Rightarrow 3^3 \cdot 7^2 \cdot 11 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 19^6$

$p_{35}^2 \Rightarrow 19 \cdot 181 \cdot n,\ B_1 = 336;\ \ q^4,\ B_3 = 335$

$P_{16}^6 \Rightarrow 127 \ldots,\ D;\ \ q^{10},\ B_2 = 311$

$128341^{10} \Rightarrow 39227 \cdot p_{47},\ B_1 = 139$

$p_{47}^1 \Rightarrow 23 \cdot 53 \cdot 787 \cdot 31051 \cdot 224317 \cdot 16176671303467 \cdot P_{18},\ B_1 = 231$

$P_{18}^2 \Rightarrow 3 \cdot 23083783 \cdot 35703589963 \cdot P_{16},\ B_1 = 300$

$P_{18}^4 \Rightarrow 5 \cdot 41 \cdot 131 \cdot 191 \cdot n,\ B_1 = 341;\ \ q^6,\ B_3 = 300$

$p_{47}^2 \Rightarrow 3 \cdot 13^2 \cdot 9733 \cdot 56441899 \cdot 13818703441 \cdot 460724037139 \cdot n,\ B_1 = 302;\ \ q^4,\ B_2 = 371$

$128341^{12} \Rightarrow 53 \cdot 4889 \cdot 359071851818193370015783391 \cdot P_{30},\ B_1 = 212$

$P_{30}^2 \Rightarrow 7 \cdot 879679 \cdot 43387306747 \cdot P_{42},\ B_1 = 329$

$P_{30}^4 \Rightarrow 31 \cdot n,\ B_1 = 389;\ \ q^6,\ B_2 = 351$

$128341^{16} \Rightarrow 34488268799 \cdot 122240685317 \cdot P_{61},\ B_1 = 266$

$P_{61}^2 \Rightarrow 13 \cdot 19^2 \cdot n,\ B_1 = 385;\ \ q^4,\ B_2 = 480$

$128341^{18} \Rightarrow 191^2 \cdot 20749 \cdot 82745285761 \cdot$
$44353590379237 \cdot 18624955621114521640426560 11 \cdot p_{32},\ B_1 = 272$

$p_{32}^1 \Rightarrow 3 \cdot n,\ B_1 = 303$

$p_{32}^2 \Rightarrow 199 \cdot n,\ B_1 = 354;\ \ q^4,\ B_3 = 352$

$128341^{22} \Rightarrow 23 \cdot 139 \cdot 491914976062801416467 27 \cdot p_{87},\ B_1 = 283$

$p_{87}^1 \Rightarrow 3 \cdot 937 \cdot n,\ B_1 = 372;\ \ q^2,\ B_3 = 366$

$128341^{28} \Rightarrow 59 \cdot 523 \cdot n,\ B_1 = 319;\ \ q^{30},\ B_2 = 306$

$70841^4 \Rightarrow 5 \cdot 61 \cdot 71 \cdot P_{16},\ B_1 = 68$

$P_{16}^2 \Rightarrow 3 \cdot 43 \cdot 373 \cdot p_{26},\ B_1 = 106$

$p_{26}^1 \Rightarrow 5 \cdot 131 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 19^6 \cdot 43^2 \cdot 61^2 \cdot 71^2 \cdot 131^2$

$p_{26}^2 \Rightarrow 3 \cdot 35353 \cdot 1591159 \cdot 5348809 \cdot 1568669689 \cdot P_{24},\ B_1 = 223$

$P_{24}^2 \Rightarrow 3 \cdot 37 \ldots,\ S\ \ 3^4 \cdot 5 \cdot 19^6 \cdot 37^2 \cdot 43^2 \cdot 61^2$

$P_{24}^4 \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 19^6$

$P_{24}^6,\ B_3 = 318$

$p_{26}^4 \Rightarrow p_{102},\ B_1 = 284$

$p_{102}^1 \Rightarrow 3 \cdot 61 \cdot 317 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 19^6 \cdot 43^2 \cdot 61^2 \cdot 71^2 \cdot 317^2$

$p_{102}^2,\ B_2 = 407$

$p_{26}^6,\ B_2 = 305$

$P_{16}^4 \Rightarrow 5 \cdot 71 \cdot 203945906144095145206 1 \cdot P_{37},\ B_1 = 195$

$P_{37}^2 \Rightarrow 3 \cdot 43 \cdot 18228160082653 \cdot 54793570689682138623829369 \cdot p_{32},\ B_1 = 331$

$P_{37}^4 \Rightarrow 5 \cdot 31 \cdot n,\ B_1 = 416;\ \ q^6,\ B_2 = 436$

$P_{16}^6 \Rightarrow 113 \cdot 1080067936494480389 \cdot p_{71},\ B_1 = 242$

$p_{71}^1 \Rightarrow 41 \cdot 463 \cdot n,\ B_1 = 316$

$p_{71}^2 \Rightarrow 3 \cdot 13 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 13^2 \cdot 19^6 \cdot 61^2$

$p_{71}^4,\ B_2 = 562$

$P_{16}^{10},\ B_2 = 301$

$70841^6 \Rightarrow 7 \cdot 29 \cdot 6301 \cdot p_{23},\ B_1 = 77$

$p_{23}^1 \Rightarrow 3 \cdot 5^3 \ldots,\ S\ \ 3^2 \cdot 5^4 \cdot 7^2$

$p_{23}^2 \Rightarrow 109 \cdot P_{44},\ B_1 = 188$

$P_{44}^2 \Rightarrow 3 \cdot 31 \cdot 577 \cdot 13782283 \cdot 19691323 \cdot 20628540564360151 \cdot P_{53},\ B_1 = 364;\ \ q^4,\ B_2 = 351$

$p_{23}^4 \Rightarrow 78662582364391 \cdot P_{79},\ B_1 = 326$

$p_{23}^6 \Rightarrow 7 \cdot n,\ B_1 = 325;\ \ q^{10},\ B_2 = 459$

$70841^{10} \Rightarrow 11 \cdot 67 \cdot 2003 \cdot 134047 \cdot P_{38},\ B_1 = 156$

$P_{38}^2 \Rightarrow 3 \cdot 7 \cdot 37^2 \ldots,\ S\ \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 19^6 \cdot 37^2$

$P_{38}^4 \Rightarrow n,\ B_1 = 379;\ \ q^6,\ B_2 = 446$

3573: $70841^{12} \Rightarrow 313 \cdot 153817 \cdot 504011 \cdot 636311907319055367 67 \cdot p_{26},\ B_1 = 162$
3574: $p_{26}^{1} \Rightarrow 3 \cdot 5 \cdot 29 \cdot P_{23},\ B_1 = 212$
3575: $P_{23}^{2} \Rightarrow 3 \cdot 241 \cdot 331 \cdot 4327793497 \cdot p_{30},\ B_1 = 299$
3576: $p_{30}^{2} \Rightarrow 3 \cdot 13^2 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 13^2$
3577: $p_{30}^{4},\ B_3 = 358$
3578: $P_{23}^{4} \Rightarrow n,\ B_1 = 344;\ \ q^6,\ B_3 = 300$
3580: $p_{26}^{2} \Rightarrow 31 \cdot 43 \cdot 2658572947 \cdot 33586544311 \cdot 3427702522729 \cdot P_{15},\ B_1 = 275$
3581: $P_{15}^{2} \Rightarrow 3 \cdot n,\ B_1 = 304;\ \ q^4,\ B_3 = 304$
3583: $p_{26}^{4} \Rightarrow n,\ B_1 = 332;\ \ q^6,\ B_2 = 300$
3585: $70841^{16} \Rightarrow 10133 \cdot 73989577 \cdot 12269393369309 \cdot p_{53},\ B_1 = 193$
3586: $p_{53}^{1} \Rightarrow 293 \cdot 6781 \cdot 88191709 \cdot p_{39},\ B_1 = 298$
3587: $p_{39}^{2} \Rightarrow n,\ B_1 = 374;\ \ q^4,\ B_3 = 374$
3589: $p_{53}^{2} \Rightarrow 3 \cdot 7 \cdot 19 \cdot 79 \cdot 421 \cdot n,\ B_1 = 342;\ \ q^4,\ B_2 = 421$
3591: $70841^{18} \Rightarrow 60854076719167 \cdot 5659156943529101 \cdot p_{58},\ B_1 = 217$
3592: $p_{58}^{1} \Rightarrow 3 \cdot 701 \cdot 66499 \cdot 2052890293 \cdot 1610473313497 \cdot p_{28},\ B_1 = 326$
3593: $p_{58}^{2} \Rightarrow 7 \cdot 13 \cdot n,\ B_1 = 377;\ \ q^4,\ B_2 = 462$
3595: $70841^{22} \Rightarrow 23 \cdot 47 \cdot 16561 \cdot 13876039 \cdot p_{93},\ B_1 = 241$
3596: $p_{93}^{1} \Rightarrow 13 \cdot n,\ B_1 = 334;\ \ q^2,\ B_2 = 369$
3598: $70841^{28} \Rightarrow 59 \cdot 15661 \cdot 17427203 \cdot p_{123},\ B_1 = 298$
3599: $p_{123}^{1} \Rightarrow 73 \cdot n,\ B_1 = 422;\ \ q^2,\ B_2 = 490$
3601: $70841^{30} \Rightarrow n,\ B_1 = 301;\ \ q^{36},\ B_2 = 349$
3603: $19^{10} \Rightarrow 104281 \cdot 62060021,\ B_1 = 30$
3604: $62060021^{1} \Rightarrow 3^2 \cdot 47 \cdot 109 \cdot 673,\ B_1 = 44$
3605: $673^2 \Rightarrow 3 \cdot 151201,\ B_1 = 55$
3606: $151201^2 \Rightarrow 3 \cdot 853 \cdot 8933917,\ B_1 = 75$
3607: $8933917^2 \Rightarrow 3 \cdot 439 \cdot 189337 \cdot 320083,\ B_1 = 103$
3608: $320083^2 \Rightarrow 3 \cdot 34151148991,\ B_1 = 124$
3609: $34151148991^2 \Rightarrow 3 \cdot 2124921121 \cdot 182955964171,\ B_1 = 166$
3610: $182955964171^2 \Rightarrow 3 \cdot 23743 \cdot 2163289 \cdot 217230976273,\ B_1 = 210$
3611: $217230976273^2 \Rightarrow 3 \cdot 43 \cdot 3559 \cdot 4201 \cdot p_{14},\ B_1 = 256$
3612: $p_{14}^{2} \Rightarrow 3 \cdot p_{27},\ B_1 = 308$
3613: $p_{14}^{4} \Rightarrow 11 \cdot 271 \cdot n,\ B_1 = 339;\ \ q^6,\ B_3 = 309$
3615: $217230976273^4 \Rightarrow 11 \cdot 31 \cdot 150861671 \cdot 462449125268111 \cdot p_{20},\ B_1 = 324$
3616: $217230976273^6 \Rightarrow n,\ B_1 = 324;\ \ q^{10},\ B_3 = 301$
3618: $182955964171^4 \Rightarrow 5 \ldots,\ S\ \ 3^8 \cdot 5^2 \cdot 19^{10} \cdot 47^2$
3619: $182955964171^6 \Rightarrow 7 \cdot 178282274904049 \cdot P_{53},\ B_1 = 346$
3620: $182955964171^{10} \Rightarrow n,\ B_1 = 369$
3621: $182955964171^{12} \Rightarrow n,\ B_1 = 414;\ \ q^{16},\ B_2 = 360$
3623: $34151148991^4 \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 11^2$
3624: $34151148991^6 \Rightarrow 7 \cdot 6763 \cdot 107717 \cdot p_{54},\ B_1 = 293$
3625: $p_{54}^{2} \Rightarrow n,\ B_1 = 400;\ \ q^4,\ B_2 = 427$
3627: $34151148991^{10} \Rightarrow 89 \cdot 397 \cdot n,\ B_1 = 318$
3628: $34151148991^{12} \Rightarrow n,\ B_1 = 356;\ \ q^{16},\ B_2 = 337$
3630: $320083^4 \Rightarrow 11 \cdot 31 \cdot 41 \cdot p_{18},\ B_1 = 158$
3631: $p_{18}^{2} \Rightarrow P_{36},\ B_1 = 230$
3632: $P_{36}^{2} \Rightarrow 3 \cdot 19 \cdot 44299178617 \cdot n,\ B_1 = 310;\ \ q^4,\ B_3 = 301$
3634: $p_{18}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 11^2$
3635: $p_{18}^{6} \Rightarrow n,\ B_1 = 337;\ \ q^{10},\ B_2 = 357$
3637: $320083^6 \Rightarrow 7 \cdot 10753 \cdot 13679 \cdot 63799247 \cdot P_{17},\ B_1 = 191$
3638: $P_{17}^{2} \Rightarrow 3 \cdot 77607639655235 77 \cdot P_{17},\ B_1 = 255$
3639: $P_{17}^{2} \Rightarrow 3 \cdot P_{32},\ B_1 = 319$
3640: $P_{17}^{4} \Rightarrow 101 \cdot 521 \cdot n,\ B_1 = 356;\ \ q^6,\ B_3 = 319$
3642: $P_{17}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 7^2$
3643: $P_{17}^{6} \Rightarrow 7 \cdot n,\ B_1 = 352;\ \ q^{10},\ B_2 = 324$

$320083^{10} \Rightarrow 67 \cdot 89 \cdot 23761 \cdot 458542463607430383874 67 \cdot p_{25},\ B_1 = 257$

$p_{25}^2 \Rightarrow 7 \cdot 13 \ldots,\ S\ \ 3^6 \cdot 7^2 \cdot 13^2 \cdot 19^{10} \cdot 47^2$

$p_{25}^4,\ B_3 = 306$

$320083^{12} \Rightarrow 53 \cdot 1327 \cdot 14591845711 \cdot 4553020659097 \cdot p_{39},\ B_1 = 290$

$p_{39}^2 \Rightarrow n,\ B_1 = 367;\ \ q^4,\ B_3 = 367$

$320083^{16} \Rightarrow 21265961063 \cdot 11166632161393 \cdot$
$1077798140541081566229200805 1 \cdot p_{37},\ B_1 = 356$

$320083^{18} \Rightarrow 571 \cdot 7297 \cdot P_{93},\ B_1 = 389$

$320083^{22} \Rightarrow n,\ B_1 = 334;\ \ q^{28},\ B_2 = 308$

$8933917^4 \Rightarrow 11^2 \cdot p_{26},\ B_1 = 143$

$p_{26}^2 \Rightarrow 7 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 19^{10}$

$p_{26}^4 \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 11^2$

$p_{26}^6,\ B_2 = 308$

$8933917^6 \Rightarrow 197 \cdot 1429 \cdot 52697 \cdot P_{32},\ B_1 = 186$

$P_{32}^2 \Rightarrow 3 \cdot 3673 \cdot 68165131 \cdot 221788829190702191354473 \cdot p_{28},\ B_1 = 313$

$P_{32}^4 \Rightarrow 61 \cdot n,\ B_1 = 377;\ \ q^6,\ B_2 = 378$

$8933917^{10} \Rightarrow 23 \cdot 89 \cdot 80279 \cdot 354619 \cdot 9476149 \cdot p_{49},\ B_1 = 270$

$p_{49}^2 \Rightarrow 3 \cdot 31 \cdot 43 \cdot 157 \cdot 919 \cdot n,\ B_1 = 376;\ \ q^4,\ B_2 = 390$

$8933917^{12} \Rightarrow 246818833 \cdot 479697973 \cdot 76803229475530662990372 1127 \cdot P_{40},\ B_1 = 312$

$8933917^{16} \Rightarrow 556554804709 \cdot p_{100},\ B_1 = 395$

$8933917^{18} \Rightarrow n,\ B_1 = 312;\ \ q^{22},\ B_2 = 305$

$151201^4 \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 19^{10} \cdot 47^2 \cdot 109^2$

$151201^6 \Rightarrow 7 \cdot 29 \cdot 12671 \cdot P_{25},\ B_1 = 138$

$P_{25}^2 \Rightarrow 3 \cdot 43 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 19^{10} \cdot 29^2 \cdot 43^2 \cdot 47^2 \cdot 109^2$

$P_{25}^4 \Rightarrow 11 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 19^{10}$

$P_{25}^6 \Rightarrow 7 \cdot 547 \cdot n,\ B_1 = 387;\ \ q^{10},\ B_2 = 493$

$151201^{10} \Rightarrow 1428197 \cdot P_{46},\ B_1 = 200$

$P_{46}^2 \Rightarrow 3 \cdot 7 \cdot 1567 \cdot c_{87},\ B_1 = 295$

$1567^2 \Rightarrow 3 \cdot 379 \cdot n,\ B_1 = 305;\ \ q^4,\ B_3 = 302$

$P_{46}^4,\ B_2 = 365$

$151201^{12} \Rightarrow 5851 \cdot 385607 \cdot 8086897135747 \cdot 681095845871039 \cdot p_{26},\ B_1 = 232$

$p_{26}^2 \Rightarrow 3 \cdot 7 \cdot 43^2 \cdot 79 \cdot 305047 \cdot 2722966053504385873 \cdot P_{20},\ B_1 = 328$

$p_{26}^4 \Rightarrow 151 \cdot n,\ B_1 = 384;\ \ q^6,\ B_3 = 332$

$151201^{16} \Rightarrow 103 \cdot 79561 \cdot 62591738685569 \cdot P_{63},\ B_1 = 294$

$P_{63}^2 \Rightarrow 3 \cdot n,\ B_1 = 418;\ \ q^4,\ B_2 = 497$

$151201^{18} \Rightarrow 229 \cdot 17949508591308937 \cdot c_{75},\ B_1 = 250$

$p_{17}^2 \Rightarrow 3 \cdot 1933 \cdot 3476676199 \cdot P_{20},\ B_1 = 314$

$p_{17}^4 \Rightarrow 11 \cdot 71 \cdot 101 \cdot n,\ B_1 = 353;\ \ q^6,\ B_3 = 315$

$151201^{22} \Rightarrow 47 \cdot 277 \cdot 967 \cdot 1657 \cdot 56038505527 \cdot p_{93},\ B_1 = 384$

$151201^{28} \Rightarrow n,\ B_1 = 335;\ \ q^{30},\ B_2 = 310$

$673^4 \Rightarrow 421 \cdot 2531 \cdot 192811,\ B_1 = 72$

$192811^2 \Rightarrow 3 \cdot 20323 \cdot 609757,\ B_1 = 94$

$609757^2 \Rightarrow 3 \cdot 397 \cdot 523 \cdot 596899,\ B_1 = 116$

$596899^2 \Rightarrow 3 \cdot 7^2 \cdot 31 \cdot 7549 \cdot 10357,\ B_1 = 137$

$10357^2 \Rightarrow 3 \cdot 7^2 \cdot 13 \ldots,\ S\ \ 3^6 \cdot 7^4 \cdot 13^2 \cdot 19^{10} \cdot 31^2$

$10357^4 \Rightarrow 3301 \cdot 73471 \cdot 47447831,\ B_1 = 177$

$47447831^2 \Rightarrow 7 \cdot 139 \cdot p_{13},\ B_1 = 208$

$p_{13}^2 \Rightarrow 3 \cdot 7 \cdot 13 \ldots,\ S\ \ 3^6 \cdot 7^4 \cdot 13^2 \cdot 19^{10} \cdot 31^2$

$p_{13}^4 \Rightarrow 5 \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 7^4$

$p_{13}^6 \Rightarrow n,\ B_1 = 332;\ \ q^{10},\ B_3 = 307$

$47447831^4 \Rightarrow 5 \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 7^2$

$47447831^6 \Rightarrow 18638621401 \cdot p_{36},\ B_1 = 300$

$47447831^{10} \Rightarrow 23 \ldots,\ S\ \ 3^6 \cdot 7^2 \cdot 19^{10} \cdot 23^2 \cdot 31^2 \cdot 47^2$

$47447831^{12} \Rightarrow n,\ B_1 = 346$

3710: $47447831^{16} \Rightarrow 137 \cdot 409 \cdot n,\ B_1 = 412;\ \ q^{18},\ B_3 = 300$

3712: $10357^{6} \Rightarrow 428639 \cdot p_{19},\ B_1 = 201$

3713: $p_{19}^{2} \Rightarrow 13 \ldots,\ S\ \ 3^{6} \cdot 7^{2} \cdot 13^{2} \cdot 19^{10} \cdot 31^{2}$

3714: $p_{19}^{4} \Rightarrow 11 \ldots,\ S\ \ 3^{6} \cdot 7^{2} \cdot 11^{2} \cdot 19^{10}$

3715: $p_{19}^{6} \Rightarrow 127 \ldots,\ D;\ \ q^{10},\ B_2 = 369$

3717: $10357^{10} \Rightarrow 881 \cdot 2161647516733 \cdot P_{25},\ B_1 = 250$

3718: $P_{25}^{2} \Rightarrow 3 \cdot 13^{2} \ldots,\ S\ \ 3^{6} \cdot 7^{2} \cdot 13^{2} \cdot 19^{10} \cdot 31^{2}$

3719: $P_{25}^{4} \Rightarrow 41 \ldots,\ S\ \ 3^{6} \cdot 7^{2} \cdot 19^{10} \cdot 31^{2} \cdot 41^{2} \cdot 47^{2} \cdot 109^{2}$

3720: $P_{25}^{6},\ B_3 = 349$

3721: $10357^{12} \Rightarrow 79 \ldots,\ S\ \ 3^{6} \cdot 7^{2} \cdot 19^{10} \cdot 31^{2} \cdot 47^{2} \cdot 79^{2} \cdot 109^{2} \cdot 397^{2} \cdot 421^{2} \cdot 523^{2}$

3722: $10357^{16} \Rightarrow 37705735549 \cdot 11581395109537 9037 \cdot 207572627297505871 \cdot P_{20},\ B_1 = 322$

3723: $10357^{18} \Rightarrow 3079 \cdot 38468182107 1651 \cdot 500472446498650903 70777 \cdot P_{32},\ B_1 = 346$

3724: $10357^{22} \Rightarrow 47 \cdot n,\ B_1 = 304$

3725: $10357^{28} \Rightarrow n,\ B_1 = 354$

3726: $10357^{30} \Rightarrow 373^{2} \cdot n,\ B_1 = 370$

3727: $10357^{36} \Rightarrow n,\ B_1 = 418;\ \ q^{40},\ B_2 = 321$

3729: $596899^{4} \Rightarrow 201451858141 \cdot 630133915661,\ B_1 = 174$

3730: $630133915661^{2} \Rightarrow 13 \cdot 6427 \cdot p_{19},\ B_1 = 221$

3731: $p_{19}^{2} \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^{6} \cdot 7^{2} \cdot 13^{2} \cdot 19^{10} \cdot 47^{2}$

3732: $p_{19}^{4} \Rightarrow 11 \cdot 31 \ldots,\ S\ \ 3^{4} \cdot 11^{2} \cdot 13^{2} \cdot 19^{10} \cdot 31^{2} \cdot 47^{2} \cdot 109^{2} \cdot 397^{2}$

3733: $p_{19}^{6} \Rightarrow n,\ B_1 = 407;\ \ q^{10},\ B_2 = 373$

3735: $630133915661^{4} \Rightarrow 5 \ldots,\ S\ \ 3^{4} \cdot 5^{2} \cdot 19^{10} \cdot 47^{2} \cdot 109^{2}$

3736: $630133915661^{6} \Rightarrow 977367317223599 \cdot n,\ B_1 = 306$

3737: $630133915661^{10} \Rightarrow n,\ B_1 = 386$

3738: $630133915661^{12} \Rightarrow 131 \cdot n,\ B_1 = 435;\ \ q^{16},\ B_2 = 377$

3740: $596899^{6} \Rightarrow 43 \cdot 2521 \cdot 8267393 \cdot P_{23},\ B_1 = 208$

3741: $P_{23}^{2} \Rightarrow 281791 \cdot P_{40},\ B_1 = 299$

3742: $P_{40}^{2} \Rightarrow 3 \cdot 7 \cdot n,\ B_1 = 380;\ \ q^{4},\ B_3 = 379$

3744: $P_{23}^{4} \Rightarrow 11 \cdot n,\ B_1 = 345$

3745: $P_{23}^{6} \Rightarrow 7 \cdot n,\ B_1 = 436;\ \ q^{10},\ B_2 = 454$

3747: $596899^{10} \Rightarrow 23 \cdot 947 \cdot 24244029890543 \cdot P_{41},\ B_1 = 277$

3748: $P_{41}^{2} \Rightarrow 3 \cdot 13 \cdot 37 \cdot 433 \cdot n,\ B_1 = 363;\ \ q^{4},\ B_3 = 358$

3750: $596899^{12} \Rightarrow 53 \cdot 131 \cdot 1093 \cdot 6553 \cdot 464777 \cdot$
$13346980739 \cdot 3042914592215759 \cdot P_{28},\ B_1 = 312$

3751: $596899^{16} \Rightarrow 103 \cdot 8297 \cdot c_{87},\ B_1 = 295$

3752: $8297^{2} \Rightarrow 7 \cdot 13 \ldots,\ S\ \ 3^{4} \cdot 7^{2} \cdot 13^{2} \cdot 19^{10} \cdot 47^{2}$

3753: $8297^{4},\ B_3 = 303$

3754: $596899^{18} \Rightarrow n,\ B_1 = 312$

3755: $596899^{22} \Rightarrow n,\ B_1 = 358;\ \ q^{28},\ B_2 = 323$

3757: $609757^{4} \Rightarrow 11 \cdot 151 \cdot 705751 \cdot P_{15},\ B_1 = 151$

3758: $P_{15}^{2} \Rightarrow 3 \cdot 19 \cdot 31 \cdot 52758703 \cdot 109491307 \cdot 1362395539,\ B_1 = 204$

3759: $1362395539^{2} \Rightarrow 3 \cdot 19 \cdot p_{17},\ B_1 = 238$

3760: $p_{17}^{2} \Rightarrow 3 \cdot p_{33},\ B_1 = 303$

3761: $p_{17}^{4} \Rightarrow n,\ B_1 = 337;\ \ q^{6},\ B_3 = 304$

3763: $1362395539^{4} \Rightarrow 2801 \cdot 33331 \cdot P_{29},\ B_1 = 296$

3764: $P_{29}^{2} \Rightarrow 3 \cdot 13 \cdot 37 \ldots,\ S\ \ 3^{6} \cdot 11^{2} \cdot 13^{2} \cdot 19^{10} \cdot 31^{2} \cdot 37^{2}$

3765: $P_{29}^{4},\ B_3 = 353$

3766: $1362395539^{6} \Rightarrow 7 \ldots,\ S\ \ 3^{4} \cdot 7^{2} \cdot 11^{2} \cdot 19^{10}$

3767: $1362395539^{10} \Rightarrow 89 \cdot n,\ B_1 = 371$

3768: $1362395539^{12} \Rightarrow 157 \cdot n,\ B_1 = 407;\ \ q^{16},\ B_3 = 332$

3770: $P_{15}^{4} \Rightarrow 5 \cdot 11 \ldots,\ S\ \ 3^{4} \cdot 5^{2} \cdot 11^{2}$

3771: $P_{15}^{6} \Rightarrow 43 \cdot 12772951129 \cdot n,\ B_1 = 304$

3772: $P_{15}^{10} \Rightarrow 89 \cdot 727 \cdot n,\ B_1 = 410;\ \ q^{12},\ B_2 = 337$

3774: $609757^{6} \Rightarrow 7 \cdot 917141 \cdot p_{28},\ B_1 = 186$

3775: $p_{28}^2 \Rightarrow 13\ldots,\ S\ \ 3^4\cdot 7^2\cdot 13^2\cdot 19^{10}\cdot 47^2$

3776: $p_{28}^4 \Rightarrow 5\ldots,\ S\ \ 3^4\cdot 5^2\cdot 7^2$

3777: $p_{28}^6,\ B_2 = 334$

3778: $609757^{10} \Rightarrow 23\cdot 51748687\cdot 3542901714353342441\cdot P_{31},\ B_1 = 256$

3779: $P_{31}^2 \Rightarrow 7\cdot n,\ B_1 = 317;\ \ q^4,\ B_3 = 316$

3781: $609757^{12} \Rightarrow 677\cdot 1223\cdot 703459121\cdot 844682779732654549414 79\cdot p_{32},\ B_1 = 290$

3782: $p_{32}^2 \Rightarrow 3\cdot n,\ B_1 = 353;\ \ q^4,\ B_3 = 354$

3784: $609757^{16} \Rightarrow 17\cdot 103\cdot 247221097212299570103 41\cdot P_{67},\ B_1 = 360$

3785: $609757^{18} \Rightarrow 2927\cdot c_{101},\ B_1 = 294$

3786: $2927^2 \Rightarrow n,\ B_1 = 301;\ \ q^4,\ B_3 = 301$

3788: $609757^{22} \Rightarrow n,\ B_1 = 337;\ \ q^{28},\ B_2 = 323$

3790: $192811^4 \Rightarrow 5\cdot 11\ldots,\ S\ \ 3^2\cdot 5^2\cdot 11^2\cdot 19^{10}$

3791: $192811^6 \Rightarrow 10949\cdot 33713\cdot 46515617\cdot p_{16},\ B_1 = 157$

3792: $p_{16}^2 \Rightarrow P_{31},\ B_1 = 219$

3793: $P_{31}^2 \Rightarrow 3\cdot 13\cdot 1429\cdot P_{58},\ B_1 = 343$

3794: $P_{31}^4 \Rightarrow 11\cdot n,\ B_1 = 406;\ \ q^6,\ B_2 = 371$

3796: $p_{16}^4 \Rightarrow 41\cdot 14011\cdot P_{57},\ B_1 = 312$

3797: $p_{16}^6 \Rightarrow 7\cdot 71\cdot 239\cdot 281\cdot n,\ B_1 = 319;\ \ q^{10},\ B_2 = 309$

3799: $192811^{10} \Rightarrow 23^2\cdot 2003\cdot 2113\cdot 261229\cdot 336667\cdot 7133771425679713\cdot p_{17},\ B_1 = 218$

3800: $p_{17}^2 \Rightarrow 3\cdot 13\cdot p_{32},\ B_1 = 285$

3801: $p_{32}^2 \Rightarrow 3\cdot 7\ldots,\ S\ \ 3^4\cdot 7^2\cdot 13^2\cdot 19^{10}\cdot 23^2$

3802: $p_{32}^4,\ B_3 = 348$

3803: $p_{17}^4 \Rightarrow 191\cdot n,\ B_1 = 320$

3804: $p_{17}^6 \Rightarrow 43\cdot n,\ B_1 = 386;\ \ q^{10},\ B_3 = 351$

3806: $192811^{12} \Rightarrow 2029\cdot p_{61},\ B_1 = 252$

3807: $p_{61}^2 \Rightarrow 3\cdot n,\ B_1 = 373;\ \ q^4,\ B_2 = 480$

3809: $192811^{16} \Rightarrow 1327\cdot 15641\cdot 376175491\cdot$
$2621012843\cdot 27521783753\cdot 14466258879838291\cdot p_{33},\ B_1 = 316$

3810: $192811^{18} \Rightarrow 99919049351663\cdot c_{82},\ B_1 = 266$

3811: $P_{14}^2 \Rightarrow 13\cdot 2343367013899\cdot P_{15},\ B_1 = 322$

3812: $P_{14}^4 \Rightarrow 11\cdot 41\cdot n,\ B_1 = 353;\ \ q^6,\ B_3 = 322$

3814: $192811^{22} \Rightarrow 47\cdot 277\cdot 56489\cdot n,\ B_1 = 300$

3815: $192811^{28} \Rightarrow n,\ B_1 = 358;\ \ q^{30},\ B_2 = 317$

3817: $673^6 \Rightarrow 7\cdot 88709167\cdot 149854447,\ B_1 = 89$

3818: $149854447^2 \Rightarrow 3\cdot 43\cdot 103\cdot P_{13},\ B_1 = 122$

3819: $P_{13}^2 \Rightarrow 3\cdot 1327\cdot 20731\cdot P_{17},\ B_1 = 170$

3820: $P_{17}^2 \Rightarrow 3\cdot 61^2\cdot 20889998544109\cdot P_{16},\ B_1 = 233$

3821: $P_{16}^2 \Rightarrow 3\cdot 13\ldots,\ S\ \ 3^6\cdot 7^2\cdot 13^2\cdot 19^{10}\cdot 43^2$

3822: $P_{16}^4 \Rightarrow 31\ldots,\ S\ \ 3^6\cdot 7^2\cdot 19^{10}\cdot 31^2\cdot 43^2\cdot 47^2\cdot 61^2$

3823: $P_{16}^6 \Rightarrow 7\cdot n,\ B_1 = 389;\ \ q^{10},\ B_3 = 358$

3825: $P_{17}^4 \Rightarrow 11\ldots,\ S\ \ 3^4\cdot 7^2\cdot 11^2\cdot 19^{10}$

3826: $P_{17}^6 \Rightarrow 7\cdot n,\ B_1 = 335;\ \ q^{10},\ B_2 = 330$

3828: $P_{13}^4 \Rightarrow 5\ldots,\ S\ \ 3^4\cdot 5^2\cdot 7^2$

3829: $P_{13}^6 \Rightarrow 29\cdot 43\ldots,\ S\ \ 3^4\cdot 7^2\cdot 19^{10}\cdot 29^2\cdot 43^2\cdot 47^2\cdot 103^2$

3830: $P_{13}^{10} \Rightarrow 11\ldots,\ S\ \ 3^4\cdot 7^2\cdot 11^2\cdot 19^{10}$

3831: $P_{13}^{12} \Rightarrow n,\ B_1 = 391;\ \ q^{16},\ B_2 = 391$

3833: $149854447^4 \Rightarrow 191\cdot 22091\cdot 38351\cdot 1350760001\cdot P_{13},\ B_1 = 171$

3834: $P_{13}^2 \Rightarrow 631\cdot 23767\cdot p_{18},\ B_1 = 221$

3835: $p_{18}^2 \Rightarrow 3\cdot 181\cdot 299296717\cdot 2213631253\cdot p_{15},\ B_1 = 291$

3836: $p_{15}^2 \Rightarrow 3\cdot 79\cdot n,\ B_1 = 321;\ \ q^4,\ B_3 = 320$

3838: $p_{18}^4 \Rightarrow 31\cdot 881\cdot n,\ B_1 = 330$

3839: $p_{18}^6 \Rightarrow n,\ B_1 = 396;\ \ q^{10},\ B_3 = 361$

3841: $P_{13}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^2$

3842: $P_{13}^6 \Rightarrow 7\cdot P_{74},\ B_1 = 367$

$P_{13}^{10} \Rightarrow 23 \cdot 89 \cdot 331 \cdot n,\ B_1 = 400$

$P_{13}^{12} \Rightarrow n,\ B_1 = 443;\ \ q^{16},\ B_2 = 395$

$149854447^{6} \Rightarrow 7 \cdot 673 \cdot 2969023 \cdot 12061351 \cdot 362764543 \cdot p_{24},\ B_1 = 213$

$p_{24}^{2} \Rightarrow 3 \cdot 19 \cdot P_{45},\ B_1 = 303$

$p_{24}^{4} \Rightarrow 11 \ldots,\ S\ \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 19^{10} \cdot 47^2 \cdot 109^2$

$p_{24}^{6},\ B_3 = 306$

$149854447^{10} \Rightarrow 946727 \cdot 5863886966371813784099578601670513 1 \cdot p_{42},\ B_1 = 318$

$149854447^{12} \Rightarrow 8243 \cdot 16096102414237 \cdot P_{81},\ B_1 = 367$

$149854447^{16} \Rightarrow n,\ B_1 = 335$

$149854447^{18} \Rightarrow 229 \cdot n,\ B_1 = 370;\ \ q^{22},\ B_2 = 359$

$673^{10} \Rightarrow 23 \cdot 991 \cdot 20021 \cdot P_{20},\ B_1 = 123$

$P_{20}^{2} \Rightarrow 7 \cdot 31 \cdot 871752897817 \cdot p_{25},\ B_1 = 202$

$p_{25}^{2} \Rightarrow 3 \cdot 13 \ldots,\ S\ \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^{10} \cdot 23^2$

$p_{25}^{4} \Rightarrow n,\ B_1 = 352;\ \ q^{6},\ B_3 = 302$

$P_{20}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 19^{10} \cdot 23^2 \cdot 47^2$

$P_{20}^{6} \Rightarrow 113 \cdot n,\ B_1 = 322;\ \ q^{10},\ B_2 = 392$

$673^{12} \Rightarrow 1251524428753 \cdot p_{22},\ B_1 = 140$

$p_{22}^{2} \Rightarrow 3 \cdot 91047001 \cdot p_{36},\ B_1 = 228$

$p_{36}^{2} \Rightarrow 3 \cdot p_{71},\ B_1 = 368$

$p_{36}^{4} \Rightarrow n,\ B_1 = 439;\ \ q^{6},\ B_2 = 422$

$p_{22}^{4} \Rightarrow 24598303859825202842773741 \cdot 84112989656045530384529679 1 \cdot P_{36},\ B_1 = 359$

$p_{22}^{6} \Rightarrow n,\ B_1 = 359;\ \ q^{10},\ B_2 = 436$

$673^{16} \Rightarrow 243101 \cdot 675071 \cdot P_{35},\ B_1 = 174$

$P_{35}^{2} \Rightarrow 89521 \cdot 91243 \cdot 797593 \cdot 33684950323 \cdot 679852164088063 \cdot P_{27},\ B_1 = 310$

$P_{35}^{4} \Rightarrow 5 \cdot 31 \cdot 71 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 19^{10} \cdot 31^2 \cdot 47^2 \cdot 71^2$

$P_{35}^{6},\ B_2 = 408$

$673^{18} \Rightarrow P_{51},\ B_1 = 191$

$P_{51}^{2} \Rightarrow 3 \cdot 224338258338984271 \cdot n,\ B_1 = 311;\ \ q^{4},\ B_2 = 407$

$673^{22} \Rightarrow 103409 \cdot 174420604131571261 \cdot 4542626403850880777 \cdot P_{22},\ B_1 = 225$

$P_{22}^{2} \Rightarrow 7 \cdot 19 \cdot 2251 \cdot 335308673521 \cdot P_{26},\ B_1 = 308$

$P_{22}^{4} \Rightarrow 5 \cdot 11^2 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 19^{10}$

$P_{22}^{6},\ B_3 = 310$

$673^{28} \Rightarrow 523 \cdot 929 \cdot 395851 \cdot 781777013 \cdot 17771918911 \cdot 281666308508521 \cdot P_{35},\ B_1 = 276$

$P_{35}^{2} \Rightarrow 13 \cdot 79 \cdot n,\ B_1 = 348;\ \ q^{4},\ B_3 = 345$

$673^{30} \Rightarrow 17609 \cdot 296237 \cdot 408209 \cdot 16250821 \cdot 121223628756001223 \cdot p_{46},\ B_1 = 293$

$p_{46}^{2} \Rightarrow 3 \cdot 37 \cdot n,\ B_1 = 385;\ \ q^{4},\ B_3 = 383$

$673^{36} \Rightarrow 223 \cdot 3109 \cdot P_{96},\ B_1 = 344$

$673^{40} \Rightarrow 83 \cdot 2953 \cdot 155801 \cdot P_{103},\ B_1 = 378$

$673^{42} \Rightarrow 7741 \cdot 482692685536909 \cdot 24373135214609999 \cdot n,\ B_1 = 311$

$673^{46} \Rightarrow 659 \cdot n,\ B_1 = 301$

$673^{52} \Rightarrow n,\ B_1 = 333;\ \ q^{58},\ B_2 = 328$

$62060021^{2} \Rightarrow 7 \cdot 31 \cdot P_{14},\ B_1 = 64$

$P_{14}^{2} \Rightarrow 3 \cdot P_{27},\ B_1 = 117$

$P_{27}^{2} \Rightarrow 3 \cdot 1699 \cdot 283564158181 \cdot p_{37},\ B_1 = 188$

$p_{37}^{1} \Rightarrow 373 \cdot 292502835310001 \cdot p_{20},\ B_1 = 261$

$p_{20}^{2} \Rightarrow 7 \cdot 751 \cdot n,\ B_1 = 303;\ \ q^{4},\ B_3 = 301$

$p_{37}^{2} \Rightarrow 3 \cdot 19 \cdot 4723 \cdot 1096259005867 \cdot n,\ B_1 = 302$

$p_{37}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^2$

$p_{37}^{6},\ B_2 = 442$

$P_{27}^{4} \Rightarrow 11^2 \cdot 31 \ldots,\ S\ \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 19^{10} \cdot 31^2$

$P_{27}^{6},\ B_2 = 312$

$P_{14}^{4} \Rightarrow 1171 \cdot 145381 \cdot 295225751 \cdot p_{37},\ B_1 = 165$

$p_{37}^{1} \Rightarrow 11 \cdot 17 \cdot P_{34},\ B_1 = 237$

$P_{34}^{2} \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 17^2 \cdot 19^{10}$

3908: $P_{34}^4,\ B_3 = 305$

3909: $p_{37}^2 \Rightarrow 3 \cdot 124771 \cdot 9100197832105955096371 \cdot p_{46},\ B_1 = 302$

3910: $p_{37}^4 \Rightarrow 5 \cdot 101 \cdot n,\ B_1 = 417;\ q^6,\ B_2 = 435$

3912: $P_{14}^6 \Rightarrow 6059761 \cdot p_{73},\ B_1 = 208$

3913: $p_{73}^1 \Rightarrow 20430589 \cdot 28004213 \cdot 937130075267153918 09 \cdot p_{38},\ B_1 = 353$

3914: $p_{73}^2 \Rightarrow 3 \cdot 73 \cdot n,\ B_1 = 422;\ q^4,\ B_2 = 581$

3916: $P_{14}^{10} \Rightarrow 23 \cdot 947 \cdot n,\ B_1 = 307;\ q^{12},\ B_2 = 317$

3918: $62060021^4 \Rightarrow 5 \cdot 71 \cdot 251 \cdot 23159681 \cdot 61511921 \cdot 116856733421,\ B_1 = 105$

3919: $116856733421^1 \Rightarrow 3 \cdot 11 \cdot 13 \ldots,\ S\ 3^2 \cdot 5^2 \cdot 11^2 \cdot 13^2$

3920: $116856733421^2 \Rightarrow 19 \cdot 1249 \cdot p_{18},\ B_1 = 140$

3921: $p_{18}^1 \Rightarrow 389651 \cdot 738389740637,\ B_1 = 175$

3922: $738389740637^2 \Rightarrow 13 \cdot 379 \cdot p_{21},\ B_1 = 222$

3923: $p_{21}^2 \Rightarrow 3 \ldots,\ S\ 3^2 \cdot 5^2 \cdot 13^2 \cdot 19^{10}$

3924: $p_{21}^4 \Rightarrow 5 \cdot 71 \cdot n,\ B_1 = 340;\ q^6,\ B_3 = 302$

3926: $738389740637^4 \Rightarrow 31^2 \cdot 1531 \cdot 726983381 \cdot 203130127001 \cdot P_{22},\ B_1 = 290$

3927: $P_{22}^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ 3^2 \cdot 5^2 \cdot 7^2$

3928: $P_{22}^4,\ B_3 = 333$

3929: $738389740637^6 \Rightarrow 11173 \cdot 29037121 \cdot n,\ B_1 = 305$

3930: $738389740637^{10} \Rightarrow n,\ B_1 = 388$

3931: $738389740637^{12} \Rightarrow n,\ B_1 = 436;\ q^{16},\ B_2 = 379$

3933: $p_{18}^2 \Rightarrow 3 \cdot 139 \cdot 86533 \cdot 16414977847993 \cdot P_{15},\ B_1 = 215$

3934: $P_{15}^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ 3^2 \cdot 5 \cdot 7^2$

3935: $P_{15}^4 \Rightarrow 5 \cdot 11 \ldots,\ S\ 3^2 \cdot 5^2 \cdot 11^2 \cdot 19^{10}$

3936: $P_{15}^6 \Rightarrow 953 \cdot n,\ B_1 = 366;\ q^{10},\ B_3 = 333$

3938: $p_{18}^4 \Rightarrow 11 \cdot 41 \cdot 124744666201 \cdot P_{58},\ B_1 = 324$

3939: $p_{18}^6 \Rightarrow n,\ B_1 = 327;\ q^{10},\ B_2 = 355$

3941: $116856733421^4 \Rightarrow 5 \cdot 71 \cdot 1291 \cdot 638869800851 \cdot P_{27},\ B_1 = 214$

3942: $P_{27}^2 \Rightarrow 2749 \cdot 13633 \cdot 21001 \cdot p_{42},\ B_1 = 287$

3943: $p_{42}^1 \Rightarrow 5 \cdot 7 \cdot 29 \cdot 67 \cdot 97 \cdot n,\ B_1 = 335;\ q^2,\ B_3 = 321$

3945: $P_{27}^4 \Rightarrow 5 \cdot n,\ B_1 = 375;\ q^6,\ B_2 = 321$

3947: $116856733421^6 \Rightarrow 7 \cdot 8597 \cdot 32887 \cdot P_{58},\ B_1 = 285$

3948: $P_{58}^2 \Rightarrow 19 \cdot 643 \cdot n,\ B_1 = 401;\ q^4,\ B_2 = 456$

3950: $116856733421^{10} \Rightarrow n,\ B_1 = 307$

3951: $116856733421^{12} \Rightarrow 79 \cdot n,\ B_1 = 353;\ q^{16},\ B_2 = 354$

3953: $62060021^6 \Rightarrow 1949473 \cdot 14354013904889 \cdot P_{28},\ B_1 = 149$

3954: $P_{28}^2 \Rightarrow 18097 \cdot 155863 \cdot 1616533 \cdot P_{39},\ B_1 = 259$

3955: $P_{39}^2 \Rightarrow 3 \cdot 13 \cdot 631 \cdot n,\ B_1 = 341;\ q^4,\ B_3 = 337$

3957: $P_{28}^4 \Rightarrow 5 \cdot 11 \cdot 31 \cdot 61 \cdot n,\ B_1 = 318;\ q^6,\ B_2 = 327$

3959: $62060021^{10} \Rightarrow 11 \cdot 23 \cdot 25324203738989235161555432932585955 3 \cdot P_{41},\ B_1 = 221$

3960: $P_{41}^2 \Rightarrow 271 \cdot n,\ B_1 = 303;\ q^4,\ B_2 = 320$

3962: $62060021^{12} \Rightarrow 53 \cdot 404197 \cdot 403256689001040216374 77 \cdot$
$504805888255049722631113471597 \cdot p_{34},\ B_1 = 269$

3963: $p_{34}^1 \Rightarrow 3 \cdot n,\ B_1 = 303$

3964: $p_{34}^2 \Rightarrow 7 \cdot n,\ B_1 = 342;\ q^4,\ B_3 = 341$

3966: $62060021^{16} \Rightarrow 29989 \cdot 40529 \cdot 6280668839299 \cdot 1701403482643580861 \cdot c_{85},\ B_1 = 294$

3967: $p_{19}^1 \Rightarrow 3^4 \cdot n,\ B_1 = 312;\ q^2,\ B_3 = 307$

3969: $62060021^{18} \Rightarrow 285915381349530213510536039 3 \cdot P_{113},\ B_1 = 416;\ q^{22},\ B_2 = 342$

3971: $19^{12} \Rightarrow 599 \cdot 29251 \cdot 133338869,\ B_1 = 37$

3972: $133338869^1 \Rightarrow 3^2 \cdot 5 \cdot 7 \ldots,\ S\ 3^2 \cdot 5^2 \cdot 7^2$

3973: $133338869^2 \Rightarrow 56094673 \cdot 316950847,\ B_1 = 70$

3974: $316950847^2 \Rightarrow 3 \cdot P_{17},\ B_1 = 104$

3975: $P_{17}^2 \Rightarrow 3 \cdot 7 \cdot 31 \cdot 433 \cdot P_{28},\ B_1 = 169$

3976: $P_{28}^2 \Rightarrow 3 \cdot P_{55},\ B_1 = 280$

3977: $P_{55}^2 \Rightarrow 3 \cdot 103 \cdot n,\ B_1 = 391;\ q^4,\ B_2 = 437$

3979: $P_{28}^{4} \Rightarrow 11\ldots,\ S\ 3^2\cdot 7^2\cdot 11^2\cdot 19^{12}\cdot 31^2$

3980: $P_{28}^{6},\ B_2 = 331$

3981: $P_{17}^{4} \Rightarrow 211\cdot 77818474720711\cdot p_{50},\ B_1 = 227$

3982: $p_{50}^{1} \Rightarrow 3^2\cdot 7\cdot 2333\cdot 7927\cdot 12091081603\cdot p_{31},\ B_1 = 326$

3983: $p_{50}^{2} \Rightarrow 73\cdot 997\cdot n,\ B_1 = 374;\ \ q^4,\ B_2 = 399$

3985: $P_{17}^{6} \Rightarrow 659\cdot 5209\cdot 184535237016140020697\cdot P_{73},\ B_1 = 356;\ \ q^{10},\ B_2 = 330$

3987: $316950847^4 \Rightarrow 11\cdot 571\cdot 1951\cdot 1182431\cdot 2395275511\cdot 290770486991,\ B_1 = 155$

3988: $290770486991^2 \Rightarrow 591901\cdot 22431271\cdot 6367921363,\ B_1 = 201$

3989: $6367921363^2 \Rightarrow 3\cdot 31\cdot 67\cdot 373\cdot 421\cdot 41442572371,\ B_1 = 240$

3990: $41442572371^2 \Rightarrow 3\cdot 7\ldots,\ S\ 3^2\cdot 7^2\cdot 11^2\cdot 19^{12}\cdot 31^2$

3991: $41442572371^4 \Rightarrow 5\ldots,\ S\ 3^2\cdot 5\cdot 11^2\cdot 19^{12}$

3992: $41442572371^6 \Rightarrow 29\cdot 43\cdot 463\cdot n,\ B_1 = 352;\ \ q^{10},\ B_3 = 325$

3994: $6367921363^4 \Rightarrow 701\cdot 6571\cdot 57131\cdot 1068901\cdot 9901391\cdot P_{15},\ B_1 = 299$

3995: $P_{15}^{2} \Rightarrow 3\cdot 7\cdot n,\ B_1 = 330;\ \ q^4,\ B_3 = 329$

3997: $6367921363^6 \Rightarrow 43\cdot 71\cdot n,\ B_1 = 303$

3998: $6367921363^{10} \Rightarrow 11\cdot n,\ B_1 = 377$

3999: $6367921363^{12} \Rightarrow 53\cdot n,\ B_1 = 419;\ \ q^{16},\ B_3 = 338$

4001: $290770486991^4 \Rightarrow 5\cdot 40489321\cdot 1947157841\cdot p_{29},\ B_1 = 249$

4002: $p_{29}^{1} \Rightarrow 7\cdot 11\cdot 17\cdot 3181\cdot 501178511\cdot p_{13},\ B_1 = 303$

4003: $p_{29}^{2} \Rightarrow 3\ldots,\ S\ 3^2\cdot 5\cdot 11^2\cdot 19^{12}$

4004: $p_{29}^{4},\ B_3 = 325$

4005: $290770486991^6 \Rightarrow 9068711\cdot 64050113\cdot 14027349673\cdot P_{44},\ B_1 = 336$

4006: $290770486991^{10} \Rightarrow 23\cdot n,\ B_1 = 363$

4007: $290770486991^{12} \Rightarrow n,\ B_1 = 408;\ \ q^{16},\ B_2 = 366$

4009: $316950847^6 \Rightarrow 29\cdot 12244884163\cdot 21414089265143\cdot p_{27},\ B_1 = 188$

4010: $p_{27}^{1} \Rightarrow 491\cdot 759273457\cdot P_{15},\ B_1 = 240$

4011: $P_{15}^{2} \Rightarrow 13^2\cdot 157\cdot 3967\cdot P_{21},\ B_1 = 294$

4012: $P_{21}^{2} \Rightarrow 3\cdot 139\cdot n,\ B_1 = 338;\ \ q^4,\ B_3 = 335$

4014: $P_{15}^{4} \Rightarrow 31\cdot n,\ B_1 = 327$

4015: $P_{15}^{6} \Rightarrow n,\ B_1 = 382;\ \ q^{10},\ B_3 = 354$

4017: $p_{27}^{2} \Rightarrow 3\cdot 13\cdot 1327\cdot 16372020875359\cdot p_{35},\ B_1 = 284$

4018: $p_{35}^{1} \Rightarrow 7\cdot 857\cdot n,\ B_1 = 322;\ \ q^2,\ B_3 = 311$

4020: $p_{27}^{4} \Rightarrow 31\cdot 311\cdot n,\ B_1 = 367;\ \ q^6,\ B_2 = 313$

4022: $316950847^{10} \Rightarrow 3433\cdot 3305502047\cdot P_{72},\ B_1 = 308$

4023: $316950847^{12} \Rightarrow 859\cdot 2081\cdot 31253\cdot c_{92},\ B_1 = 268$

4024: $31253^1 \Rightarrow 3\cdot 5209,\ B_1 = 280$

4025: $5209^2 \Rightarrow 3\cdot 13\cdot 43\cdot 16183,\ B_1 = 294$

4026: $16183^2 \Rightarrow 3\cdot 157\cdot 463\cdot n,\ B_1 = 307;\ \ q^4,\ B_3 = 302$

4028: $5209^4 \Rightarrow n,\ B_1 = 302$

4029: $5209^6 \Rightarrow 127\ldots,\ D;\ \ q^{10},\ B_3 = 309$

4031: $31253^2 \Rightarrow 31\cdot 5413\cdot 5821,\ B_1 = 286$

4032: $5821^1 \Rightarrow 41\cdot 71,\ B_1 = 297$

4033: $71^2 \Rightarrow n,\ B_1 = 301;\ \ q^4,\ B_3 = 301$

4035: $5821^2 \Rightarrow 3\cdot 7\cdot 19\cdot 157\cdot 541,\ B_1 = 299$

4036: $541^1 \Rightarrow 271,\ B_1 = 308$

4037: $541^2 \Rightarrow 3\cdot 7\cdot n,\ B_1 = 303;\ \ q^4,\ B_3 = 304$

4039: $5821^4 \Rightarrow 5\cdot n,\ B_1 = 309;\ \ q^6,\ B_3 = 301$

4041: $31253^4 \Rightarrow 590883661\cdot 1614651361,\ B_1 = 312$

4042: $31253^6 \Rightarrow 29\cdot 43\cdot n,\ B_1 = 316;\ \ q^{10},\ B_3 = 304$

4044: $316950847^{16} \Rightarrow n,\ B_1 = 325;\ \ q^{18},\ B_2 = 306$

4046: $133338869^4 \Rightarrow 11\cdot P_{32},\ B_1 = 127$

4047: $P_{32}^{2} \Rightarrow 7\cdot 661\cdot 41325067365823\cdot 13597795195756840227 1\cdot P_{26},\ B_1 = 250$

4048: $P_{26}^{2} \Rightarrow 3\cdot 7\cdot 19\cdot 97\cdot n,\ B_1 = 301;\ \ q^4,\ B_3 = 301$

4050: $P_{32}^{4} \Rightarrow 5\cdot 11^2\cdot 71\cdot n,\ B_1 = 317;\ \ q^6,\ B_2 = 377$

$133338869^{6} \Rightarrow 67061 \cdot P_{44},\ B_1 = 171$

$P_{44}^{2} \Rightarrow 769 \cdot 29947 \cdot 78709887137059665139 \cdot p_{61},\ B_1 = 291$

$p_{61}^{1} \Rightarrow 5 \cdot 23^{2} \cdot 73 \cdot n,\ B_1 = 354;\ \ q^{2},\ B_3 = 346$

$P_{44}^{4},\ B_2 = 351$

$133338869^{10} \Rightarrow 23 \cdot 67 \cdot 463 \cdot 3697 \cdot 46277263056591907710422030116 7 \cdot P_{43},\ B_1 = 270$

$P_{43}^{2} \Rightarrow 3 \cdot n,\ B_1 = 354;\ \ q^{4},\ B_3 = 354$

$133338869^{12} \Rightarrow 13 \cdot 79 \cdot 590071 \cdot 38647753 \cdot 1316180923115132621 \cdot p_{64},\ B_1 = 259$

$p_{64}^{1} \Rightarrow 3 \cdot 229 \cdot n,\ B_1 = 324;\ \ q^{2},\ B_3 = 304$

$133338869^{16} \Rightarrow 103 \cdot 895120619 \cdot n,\ B_1 = 300$

$133338869^{18} \Rightarrow n,\ B_1 = 322;\ \ q^{22},\ B_2 = 357$

$19^{16} \Rightarrow 3044803 \cdot P_{14},\ B_1 = 61$

$P_{14}^{2} \Rightarrow 67 \cdot 87403 \cdot 1311127 \cdot 10050613 \cdot 129574807,\ B_1 = 110$

$129574807^{2} \Rightarrow 3 \cdot P_{16},\ B_1 = 142$

$P_{16}^{2} \Rightarrow 3 \cdot 73 \cdot 14879180581 \cdot P_{19},\ B_1 = 201$

$P_{19}^{2} \Rightarrow 3 \cdot 7 \cdot 37 \cdot p_{36},\ B_1 = 252$

$p_{36}^{1} \Rightarrow 13\ldots,\ S\ \ 3^{4} \cdot 7^{2} \cdot 13^{2} \cdot 19^{16} \cdot 37^{2}$

$p_{36}^{2} \Rightarrow 3 \cdot 19 \cdot 37 \cdot 139 \cdot n,\ B_1 = 346;\ \ q^{4},\ B_3 = 347$

$P_{19}^{4} \Rightarrow n,\ B_1 = 315$

$P_{19}^{6} \Rightarrow 281 \cdot n,\ B_1 = 394;\ \ q^{10},\ B_2 = 379$

$P_{16}^{4} \Rightarrow 11 \cdot 31 \cdot 691 \cdot 156139021 \cdot 17358050023121 \cdot P_{37},\ B_1 = 294$

$P_{37}^{2} \Rightarrow 19 \cdot 577 \cdot n,\ B_1 = 367;\ \ q^{4},\ B_3 = 366$

$P_{16}^{6} \Rightarrow 7 \cdot 29 \cdot n,\ B_1 = 302;\ \ q^{10},\ B_2 = 314$

$129574807^{4} \Rightarrow 524040307451 \cdot P_{21},\ B_1 = 191$

$P_{21}^{2} \Rightarrow 3 \cdot 19 \cdot 1381478047 \cdot 469408755469 \cdot P_{19},\ B_1 = 267$

$P_{19}^{2} \Rightarrow 3 \cdot 547 \cdot n,\ B_1 = 307;\ \ q^{4},\ B_3 = 305$

$P_{21}^{4} \Rightarrow 5 \cdot n,\ B_1 = 316$

$P_{21}^{6} \Rightarrow 127\ldots,\ D;\ \ q^{10},\ B_2 = 414$

$129574807^{6} \Rightarrow 29 \cdot 71 \cdot 1499 \cdot 8191 \cdot 9157 \cdot 72367 \cdot p_{30},\ B_1 = 217$

$p_{30}^{1} \Rightarrow 3 \cdot 167 \cdot P_{27},\ B_1 = 276$

$P_{27}^{2} \Rightarrow 3 \cdot 7 \cdot 73 \cdot n,\ B_1 = 331;\ \ q^{4},\ B_3 = 328$

$p_{30}^{2} \Rightarrow 199 \cdot n,\ B_1 = 301$

$p_{30}^{4} \Rightarrow 11 \cdot n,\ B_1 = 417;\ \ q^{6},\ B_3 = 358$

$129574807^{10} \Rightarrow 23 \cdot 28269571191104502320251610377 \cdot P_{52},\ B_1 = 316$

$129574807^{12} \Rightarrow 53 \cdot 547 \cdot 2237 \cdot 7743581 \cdot P_{83},\ B_1 = 386$

$129574807^{16} \Rightarrow n,\ B_1 = 353$

$129574807^{18} \Rightarrow 191 \cdot n,\ B_1 = 388;\ \ q^{22},\ B_2 = 356$

$P_{14}^{4} \Rightarrow 119507174196006511 \cdot P_{39},\ B_1 = 201$

$P_{39}^{2} \Rightarrow 3 \cdot 229 \cdot 640906962601 \cdot 92313535761786223 \cdot p_{47},\ B_1 = 310;\ \ q^{4},\ B_2 = 311$

$P_{14}^{6} \Rightarrow 12746861 \cdot 16857692111586805864708941403112365837 \cdot p_{40},\ B_1 = 245$

$p_{40}^{1} \Rightarrow 3 \cdot p_{39},\ B_1 = 324$

$p_{40}^{2} \Rightarrow 13 \cdot 379 \cdot n,\ B_1 = 331;\ \ q^{4},\ B_3 = 327$

$P_{14}^{10} \Rightarrow 23 \cdot n,\ B_1 = 314;\ \ q^{12},\ B_2 = 335$

$19^{18} \Rightarrow p_{24},\ B_1 = 46$

$p_{24}^{1} \Rightarrow 3262949 \cdot P_{17},\ B_1 = 91$

$P_{17}^{2} \Rightarrow 7 \cdot 1801 \cdot 70537 \cdot 18982297 \cdot P_{17},\ B_1 = 156$

$P_{17}^{2} \Rightarrow 3 \cdot 907 \cdot p_{30},\ B_1 = 221$

$p_{30}^{2} \Rightarrow 3 \cdot 7 \cdot 41267859317595241 \cdot P_{41},\ B_1 = 334$

$p_{30}^{4} \Rightarrow n,\ B_1 = 395;\ \ q^{6},\ B_2 = 348$

$P_{17}^{4} \Rightarrow 11 \cdot 55067041 \cdot P_{57},\ B_1 = 318$

$P_{17}^{6} \Rightarrow 337 \cdot n,\ B_1 = 321;\ \ q^{10},\ B_2 = 324$

$P_{17}^{4} \Rightarrow 61 \cdot p_{64},\ B_1 = 253$

$p_{64}^{2} \Rightarrow 3 \cdot 7 \cdot 13 \cdot 19 \cdot 307 \cdot n,\ B_1 = 383;\ \ q^{4},\ B_2 = 504$

$P_{17}^{6} \Rightarrow 71234393357921874014039843 93 \cdot p_{70},\ B_1 = 351;\ \ q^{10},\ B_2 = 324$

$p_{24}^{2} \Rightarrow 3 \cdot 13 \cdot 157 \cdot 183361 \cdot p_{38},\ B_1 = 124$

4126: $p_{38}^1 \Rightarrow 37 \cdot 211 \cdot 36237139 \cdot 43265472857 \cdot P_{15},\ B_1 = 197$
4127: $P_{15}^2 \Rightarrow 631 \cdot 27031 \cdot p_{23},\ B_1 = 256$
4128: $p_{23}^2 \Rightarrow 3 \cdot 26347 \cdot P_{40},\ B_1 = 343;\ q^4,\ B_3 = 300$
4130: $P_{15}^4 \Rightarrow 5 \cdot 11 \ldots,\ S\ 3^2 \cdot 5^2 \cdot 11^2 \cdot 13^2$
4131: $P_{15}^6 \Rightarrow n,\ B_1 = 344;\ q^{10},\ B_3 = 314$
4133: $p_{38}^2 \Rightarrow 3 \cdot 413265499242250808957445748973298 4717 \cdot p_{37},\ B_1 = 271$
4134: $p_{37}^1 \Rightarrow 7 \cdot n,\ B_1 = 308$
4135: $p_{37}^2 \Rightarrow 3 \cdot n,\ B_1 = 346;\ q^4,\ B_3 = 345$
4137: $p_{38}^4 \Rightarrow 5 \cdot n,\ B_1 = 378;\ q^6,\ B_2 = 444$
4139: $p_{24}^4 \Rightarrow 5 \cdot 11 \cdot 2251 \cdot 4466221 \cdot 114118662694961 \cdot$
$65706772402132484596074779858 5621 \cdot p_{34},\ B_1 = 265$
4140: $p_{34}^1 \Rightarrow 7 \cdot 887 \cdot n,\ B_1 = 303$
4141: $p_{34}^2 \Rightarrow 3 \ldots,\ S\ 3^2 \cdot 5 \cdot 11^2 \cdot 19^{18}$
4142: $p_{34}^4,\ B_3 = 333$
4143: $p_{24}^6 \Rightarrow 7 \cdot n,\ B_1 = 300;\ q^{10},\ B_2 = 460$
4145: $19^{22} \Rightarrow 277 \cdot 2347 \cdot 16497763013 \cdot P_{13},\ B_1 = 74$
4146: $P_{13}^2 \Rightarrow 3 \cdot 463 \cdot 379687663 \cdot P_{13},\ B_1 = 122$
4147: $P_{13}^2 \Rightarrow 3 \cdot 499159 \cdot 1347919 \cdot P_{13},\ B_1 = 171$
4148: $P_{13}^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot 31 \ldots,\ S\ 3^4 \cdot 7^2 \cdot 13 \cdot 19^{22} \cdot 31^2$
4149: $P_{13}^4 \Rightarrow 11 \cdot 17351 \cdot 145216571 \cdot 2364392891748676771 \cdot p_{20},\ B_1 = 290$
4150: $p_{20}^1 \Rightarrow n,\ B_1 = 309$
4151: $p_{20}^2 \Rightarrow 3 \cdot n,\ B_1 = 338;\ q^4,\ B_3 = 337$
4153: $P_{13}^6 \Rightarrow 239 \cdot n,\ B_1 = 301$
4154: $P_{13}^{10} \Rightarrow n,\ B_1 = 401;\ q^{12},\ B_2 = 306$
4156: $P_{13}^4 \Rightarrow 11 \cdot 4861 \cdot 716351 \cdot 939931 \cdot 25979311 \cdot 175924351 \cdot P_{18},\ B_1 = 248$
4157: $P_{18}^2 \Rightarrow 13 \cdot 539947 \cdot 78521919940201 \cdot P_{16},\ B_1 = 315$
4158: $P_{18}^4 \Rightarrow 5 \ldots,\ S\ 3^2 \cdot 5 \cdot 11^2 \cdot 19^{22}$
4159: $P_{18}^6,\ B_3 = 319$
4160: $P_{13}^6 \Rightarrow 42197 \cdot 48119 \cdot P_{66},\ B_1 = 323$
4161: $P_{13}^{10} \Rightarrow 23 \cdot 67 \cdot n,\ B_1 = 351;\ q^{12},\ B_2 = 300$
4163: $P_{13}^4 \Rightarrow 31 \cdot 41 \cdot 271 \cdot p_{43},\ B_1 = 162$
4164: $p_{43}^1 \Rightarrow 61 \cdot 479 \cdot P_{39},\ B_1 = 248$
4165: $P_{39}^2 \Rightarrow 13 \cdot n,\ B_1 = 325;\ q^4,\ B_3 = 324$
4167: $p_{43}^2 \Rightarrow 3 \cdot 7 \cdot 199 \cdot 4951 \cdot 746167 \cdot c_{73},\ B_1 = 294$
4168: $746167^2 \Rightarrow 3 \cdot 7 \cdot n,\ B_1 = 305;\ q^4,\ B_3 = 306$
4170: $p_{43}^4,\ B_2 = 343$
4171: $P_{13}^6 \Rightarrow 127 \ldots,\ D$
4172: $P_{13}^{10} \Rightarrow 45673 \cdot 796625303 \cdot n,\ B_1 = 306$
4173: $P_{13}^{12} \Rightarrow n,\ B_1 = 340;\ q^{16},\ B_2 = 388$
4175: $19^{28} \Rightarrow 59 \cdot 233 \cdot 297003021451861 \cdot P_{18},\ B_1 = 92$
4176: $P_{18}^2 \Rightarrow 3187 \cdot 67057 \cdot 604799557 \cdot P_{18},\ B_1 = 161$
4177: $P_{18}^2 \Rightarrow 3 \cdot 13 \cdot 39814981 \cdot 5173458877 \cdot P_{16},\ B_1 = 231$
4178: $P_{16}^2 \Rightarrow 3 \cdot 85559322421 \cdot P_{21},\ B_1 = 293$
4179: $P_{21}^2 \Rightarrow 3 \cdot 37 \cdot n,\ B_1 = 335;\ q^4,\ B_3 = 333$
4181: $P_{16}^4 \Rightarrow 5 \ldots,\ S\ 3^2 \cdot 5 \cdot 13^2 \cdot 19^{28} \cdot 59^2$
4182: $P_{16}^6 \Rightarrow 113 \cdot 491 \cdot 673 \cdot n,\ B_1 = 396;\ q^{10},\ B_3 = 357$
4184: $P_{18}^4 \Rightarrow 5 \cdot 11 \cdot 181 \cdot 3691 \cdot p_{62},\ B_1 = 287$
4185: $p_{62}^1 \Rightarrow 3 \ldots,\ S\ 3^2 \cdot 5^2 \cdot 11^2 \cdot 19^{28}$
4186: $p_{62}^2,\ B_3 = 335$
4187: $P_{18}^6 \Rightarrow n,\ B_1 = 335;\ q^{10},\ B_2 = 346$
4189: $P_{18}^4 \Rightarrow 11 \cdot 131 \cdot 2046537721 \cdot 5442695034400389405 42961 \cdot p_{33},\ B_1 = 246$
4190: $p_{33}^1 \Rightarrow 17 \cdot 457 \cdot 19949 \cdot 47563 \cdot 83742643 \cdot 374474805409,\ B_1 = 311$
4191: $p_{33}^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ 3^2 \cdot 7^2 \cdot 11^2 \cdot 19^{28} \cdot 59^2 \cdot 131^2 \cdot 233$
4192: $p_{33}^4,\ B_3 = 321$

4193: $P_{18}^{6} \Rightarrow 59753 \cdot c_{99},\ B_1 = 269$
4194: $59753^{1} \Rightarrow 3 \cdot 23 \cdot 433,\ B_1 = 288$
4195: $433^{2} \Rightarrow 3 \cdot 37 \cdot 1693,\ B_1 = 298$
4196: $1693^{2} \Rightarrow 3 \cdot 13 \cdot 151 \cdot 487,\ B_1 = 311;\ \ q^{4},\ B_3 = 304$
4198: $433^{4} \Rightarrow 11 \cdot n,\ B_1 = 305$
4199: $433^{6} \Rightarrow 743 \cdot n,\ B_1 = 317;\ \ q^{10},\ B_3 = 309$
4201: $59753^{2} \Rightarrow 3570480763,\ B_1 = 289$
4202: $3570480763^{2} \Rightarrow 3 \cdot 31 \cdot n,\ B_1 = 310;\ \ q^{4},\ B_3 = 308$
4204: $59753^{4} \Rightarrow 31 \cdot 41 \cdot 61 \cdot n,\ B_1 = 303$
4205: $59753^{6} \Rightarrow 7 \cdot 281 \cdot 673 \cdot n,\ B_1 = 323;\ \ q^{10},\ B_3 = 308$
4207: $P_{18}^{10},\ B_2 = 344$
4208: $19^{30} \Rightarrow p_{39},\ B_1 = 76$
4209: $p_{39}^{1} \Rightarrow 24229 \cdot 32579 \cdot 327689 \cdot 886799 \cdot 10857851 \cdot 48837672001,\ B_1 = 152$
4210: $48837672001^{2} \Rightarrow 3 \cdot 163 \cdot 283 \cdot 691 \cdot 3731137 \cdot 6684907,\ B_1 = 195$
4211: $6684907^{2} \Rightarrow 3 \cdot 31 \cdot 307 \cdot 331 \cdot 4728697,\ B_1 = 222$
4212: $4728697^{2} \Rightarrow 3 \cdot 331 \cdot 22518207499,\ B_1 = 243$
4213: $22518207499^{2} \Rightarrow 3 \cdot 7 \cdot 73 \cdot 1890529 \cdot 174961355593,\ B_1 = 284$
4214: $174961355593^{2} \Rightarrow 3 \cdot n,\ B_1 = 307;\ \ q^{4},\ B_3 = 306$
4216: $22518207499^{4} \Rightarrow n,\ B_1 = 305$
4217: $22518207499^{6} \Rightarrow 239 \cdot n,\ B_1 = 349;\ \ q^{10},\ B_3 = 326$
4219: $4728697^{4} \Rightarrow 1559157511841 \cdot p_{15},\ B_1 = 288$
4220: $p_{15}^{2} \Rightarrow 3 \cdot 7 \cdot 211 \cdot n,\ B_1 = 321;\ \ q^{4},\ B_3 = 317$
4222: $4728697^{6} \Rightarrow 7 \cdot 13076771 \cdot 156914773 \cdot 4801297243 \cdot p_{15},\ B_1 = 328$
4223: $4728697^{10} \Rightarrow 23 \cdot n,\ B_1 = 343$
4224: $4728697^{12} \Rightarrow 157 \cdot 443 \cdot 521 \cdot n,\ B_1 = 376;\ \ q^{16},\ B_3 = 315$
4226: $6684907^{4} \Rightarrow 11 \cdot P_{27},\ B_1 = 263$
4227: $P_{27}^{2} \Rightarrow 3 \cdot n,\ B_1 = 315;\ \ q^{4},\ B_3 = 316$
4229: $6684907^{6} \Rightarrow 127\ldots,\ D$
4230: $6684907^{10} \Rightarrow 23 \cdot 859 \cdot n,\ B_1 = 322$
4231: $6684907^{12} \Rightarrow 911 \cdot n,\ B_1 = 348$
4232: $6684907^{16} \Rightarrow n,\ B_1 = 400;\ \ q^{18},\ B_3 = 304$
4234: $48837672001^{4} \Rightarrow 5 \cdot 101 \cdot 311 \cdot 36532362543817756 01 \cdot P_{19},\ B_1 = 259$
4235: $P_{19}^{2} \Rightarrow 19543 \cdot 64453 \cdot n,\ B_1 = 306$
4236: $P_{19}^{4} \Rightarrow 5 \cdot 11 \cdot n,\ B_1 = 374;\ \ q^{6},\ B_3 = 335$
4238: $48837672001^{6} \Rightarrow 6307582352219676571 \cdot p_{46},\ B_1 = 323$
4239: $48837672001^{10} \Rightarrow 23 \cdot n,\ B_1 = 346$
4240: $48837672001^{12} \Rightarrow 13 \cdot 53 \cdot n,\ B_1 = 390;\ \ q^{16},\ B_2 = 342$
4242: $p_{39}^{2} \Rightarrow 3 \cdot 13 \cdot p_{76},\ B_1 = 193$
4243: $p_{76}^{1} \Rightarrow 7 \cdot 79231663810543 \cdot p_{61},\ B_1 = 343;\ \ q^{2},\ B_2 = 300$
4245: $p_{39}^{4},\ B_2 = 307$
4246: $19^{36} \Rightarrow 149 \cdot 3588174588084451 \cdot P_{29},\ B_1 = 135$
4247: $P_{29}^{2} \Rightarrow 7 \cdot 31 \cdot 853 \cdot 320041 \cdot 21778185577 \cdot 188973879427 \cdot P_{25},\ B_1 = 241$
4248: $P_{25}^{2} \Rightarrow 3 \cdot 61 \cdot 1543 \cdot 195040687 \cdot P_{35},\ B_1 = 338$
4249: $P_{25}^{4} \Rightarrow 11^{2} \cdot n,\ B_1 = 386;\ \ q^{6},\ B_3 = 338$
4251: $P_{29}^{4} \Rightarrow 71 \cdot n,\ B_1 = 307;\ \ q^{6},\ B_2 = 339$
4253: $19^{40} \Rightarrow 10654507 \cdot 11713456133 \cdot P_{35},\ B_1 = 143$
4254: $P_{35}^{2} \Rightarrow 3 \cdot 2380801 \cdot 8295919 \cdot 1122827308399 \cdot 6601054286413 \cdot P_{30},\ B_1 = 276$
4255: $P_{30}^{2} \Rightarrow 3 \cdot 7^{2} \cdot n,\ B_1 = 335;\ \ q^{4},\ B_3 = 336$
4257: $P_{35}^{4} \Rightarrow 5 \cdot 271 \cdot n,\ B_1 = 351;\ \ q^{6},\ B_2 = 408$
4259: $19^{42} \Rightarrow 1891767254814968 8895557513 \cdot p_{29},\ B_1 = 132$
4260: $p_{29}^{1} \Rightarrow 7 \cdot 223 \cdot 1637 \cdot 46751 \cdot p_{18},\ B_1 = 189$
4261: $p_{18}^{2} \Rightarrow 3 \cdot 13 \cdot 463 \cdot 10939 \cdot p_{26},\ B_1 = 257$
4262: $p_{26}^{2} \Rightarrow 3 \cdot 7^{2} \cdot 19 \cdot n,\ B_1 = 307;\ \ q^{4},\ B_3 = 309$
4264: $p_{18}^{4} \Rightarrow 11 \cdot 41 \cdot 7481 \cdot 17119572950981 \cdot n,\ B_1 = 311$

$p_{18}^{6} \Rightarrow 197 \cdot n,\ B_1 = 362;\ \ q^{10},\ B_2 = 341$

$p_{29}^{2} \Rightarrow 3 \cdot 67 \cdot 97 \cdot 397 \cdot 433 \cdot 125887 \cdot 1259413 \cdot p_{37},\ B_1 = 238$

$p_{37}^{1} \Rightarrow 363272734884668341 \cdot p_{19},\ B_1 = 310$

$p_{37}^{2} \Rightarrow 3 \cdot n,\ B_1 = 321;\ \ q^{4},\ B_3 = 322$

$p_{29}^{4} \Rightarrow 11 \cdot n,\ B_1 = 307;\ \ q^{6},\ B_2 = 341$

$19^{46} \Rightarrow p_{59},\ B_1 = 117$

$p_{59}^{1} \Rightarrow 3 \cdot 37 \cdot 113 \cdot 87559 \cdot 333087379019893 \cdot 1440720123341017 \cdot P_{20},\ B_1 = 234$

$P_{20}^{2} \Rightarrow 3 \cdot 278743 \cdot 7208234652259 \cdot P_{21},\ B_1 = 313$

$P_{20}^{4} \Rightarrow 31 \cdot 311 \cdot 911 \cdot n,\ B_1 = 360;\ \ q^{6},\ B_3 = 314$

$p_{59}^{2} \Rightarrow 7^{3} \cdot 9043 \cdot 89119 \cdot n,\ B_1 = 303;\ \ q^{4},\ B_2 = 470$

$19^{52} \Rightarrow 107 \cdot 323930821687153 \cdot 255108985570167525120 4783 \cdot p_{26},\ B_1 = 173$

$p_{26}^{1} \Rightarrow 13 \cdot 704687 \cdot p_{19},\ B_1 = 224$

$p_{19}^{2} \Rightarrow 67 \cdot 199 \cdot 3391 \cdot 97861 \cdot p_{24},\ B_1 = 297$

$p_{24}^{2} \Rightarrow 3 \cdot n,\ B_1 = 346;\ \ q^{4},\ B_3 = 345$

$p_{19}^{4} \Rightarrow 11 \cdot n,\ B_1 = 335$

$p_{19}^{6} \Rightarrow 7 \cdot 29 \cdot 43 \cdot n,\ B_1 = 411;\ \ q^{10},\ B_3 = 370$

$p_{26}^{2} \Rightarrow 3 \cdot 23629 \cdot p_{47},\ B_1 = 255$

$p_{47}^{1} \Rightarrow 17 \cdot 47 \cdot 67 \cdot n,\ B_1 = 306$

$p_{47}^{2} \Rightarrow 3 \cdot 7 \cdot 61 \cdot 241 \cdot n,\ B_1 = 384;\ \ q^{4},\ B_3 = 379$

$p_{26}^{4} \Rightarrow 691 \cdot n,\ B_1 = 341;\ \ q^{6},\ B_2 = 306$

$19^{58} \Rightarrow p_{75},\ B_1 = 148$

$p_{75}^{1} \Rightarrow 3 \cdot p_{74},\ B_1 = 296$

$p_{74}^{2} \Rightarrow 3 \cdot 7 \cdot 61 \cdot n,\ B_1 = 445;\ \ q^{4},\ B_2 = 587$

$p_{75}^{2} \Rightarrow 7^{3} \cdot n,\ B_1 = 371;\ \ q^{4},\ B_2 = 593$

$19^{60} \Rightarrow p_{77},\ B_1 = 153$

$p_{77}^{1} \Rightarrow 109 \cdot 6607 \cdot 97011037528725522624645 83 \cdot p_{46},\ B_1 = 306;\ \ q^{2},\ B_2 = 306$

$19^{66} \Rightarrow 588518621 \cdot 1650922227287 \cdot 242999395808268338795 11 \cdot p_{42},\ B_1 = 212$

$p_{42}^{1} \Rightarrow 13 \cdot 80153 \cdot 41146811 \cdot 2168931959 \cdot p_{18},\ B_1 = 293$

$p_{18}^{2} \Rightarrow 13 \cdot 193 \cdot n,\ B_1 = 330;\ \ q^{4},\ B_3 = 329$

$p_{42}^{2} \Rightarrow 3 \cdot 7^{2} \cdot 19 \cdot n,\ B_1 = 325;\ \ q^{4},\ B_2 = 328$

$19^{70} \Rightarrow 17041 \cdot 49417 \cdot 19840332702980239 \cdot 13679533403957747883608 89 \cdot P_{41},\ B_1 = 244$

$P_{41}^{2} \Rightarrow 457 \cdot 673 \cdot n,\ B_1 = 330;\ \ q^{4},\ B_3 = 324$

$19^{72} \Rightarrow 893943109 \cdot 109796425517837 \cdot 391818505243975817655620850033223 \cdot P_{37},\ B_1 = 262$

$P_{37}^{2} \Rightarrow 97 \cdot n,\ B_1 = 337;\ \ q^{4},\ B_3 = 335$

$19^{78} \Rightarrow 10429 \cdot 32233 \cdot 1380763 \cdot P_{86},\ B_1 = 294$

$P_{86}^{2},\ B_2 = 340$

$19^{82} \Rightarrow 167 \cdot P_{103},\ B_1 = 314$

$19^{88} \Rightarrow 179 \cdot 1004065625937009764891 71 \cdot p_{88},\ B_1 = 250$

$p_{88}^{1} \Rightarrow 5 \cdot 37 \cdot 109 \cdot n,\ B_1 = 341;\ \ q^{2},\ B_2 = 349$

$19^{96} \Rightarrow 350286401 \cdot 1154217576472153621 4759 \cdot c_{93},\ B_1 = 267$

$P_{23}^{2} \Rightarrow n,\ B_1 = 311;\ \ q^{4},\ B_3 = 311$

$19^{100} \Rightarrow 14747 \cdot 34751300699970121 \cdot 832072847051039530081 \cdot c_{87},\ B_1 = 276$

$p_{21}^{1} \Rightarrow 8297 \cdot 1547519 \cdot 32402183287,\ B_1 = 317$

$p_{21}^{2} \Rightarrow 3 \cdot 37 \cdot n,\ B_1 = 324;\ \ q^{4},\ B_3 = 322$

$19^{102} \Rightarrow 25339 \cdot 405834978467 \cdot p_{115},\ B_1 = 276$

$p_{115}^{1} \Rightarrow 3 \cdot n,\ B_1 = 391;\ \ q^{2},\ B_2 = 457$

$19^{106} \Rightarrow p_{136},\ B_1 = 271$

$p_{136}^{1} \Rightarrow 3^{2} \cdot 43 \cdot 449 \cdot n,\ B_1 = 410;\ \ q^{2},\ B_2 = 542$

$19^{108} \Rightarrow 177889 \cdot 256380863 \cdot 1551391769 \cdot c_{116},\ B_1 = 289$

$1551391769^{1} \Rightarrow 3 \cdot 5 \cdot 191 \cdot n,\ B_1 = 302$

$1551391769^{2} \Rightarrow 7 \cdot 19 \cdot 37 \cdot n,\ B_1 = 313;\ \ q^{4},\ B_3 = 312$

$19^{112} \Rightarrow 227 \cdot 3617 \cdot 6781 \cdot 14417671 \cdot 48427507 \cdot P_{119},\ B_1 = 425;\ \ q^{126},\ B_2 = 322$

$7^2 \Rightarrow 19\ldots,\ D$

$7^4 \Rightarrow 2801,\ B_1 = 6$

$2801^1 \Rightarrow 3\cdot 467,\ B_1 = 13$

$467^2 \Rightarrow 19\ldots,\ D$

$467^4 \Rightarrow 11\cdot 31\cdot 41\cdot 3409261,\ B_1 = 39$

$3409261^2 \Rightarrow 3\cdot 7\cdot 31\cdot 43\ldots,\ S\ \ 3^2\cdot 7^4\cdot 11^2\cdot 31^2\cdot 41^2\cdot 43^2$

$3409261^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^4$

$3409261^6 \Rightarrow 1009\cdot 44129\cdot 387199\cdot p_{26},\ B_1 = 144$

$p_{26}^2 \Rightarrow 43\ldots,\ S\ \ 3^2\cdot 7^4\cdot 11^2\cdot 31^2\cdot 41^2\cdot 43^2$

$p_{26}^4 \Rightarrow 11\cdot 41\cdot 829535757994201\cdot P_{87},\ B_1 = 398;\ \ q^6,\ B_2 = 311$

$3409261^{10} \Rightarrow 74449\cdot 16180057477\cdot 138855190541\cdot P_{40},\ B_1 = 222$

$P_{40}^2 \Rightarrow 3\cdot 7\cdot 97\cdot n,\ B_1 = 301;\ \ q^4,\ B_2 = 312$

$3409261^{12} \Rightarrow 53\ldots,\ S\ \ 3^2\cdot 7^4\cdot 11^2\cdot 31^2\cdot 41^2\cdot 53^2\cdot 467^4$

$3409261^{16} \Rightarrow 103\cdot 137\cdot 647\ldots,\ S\ \ 3^2\cdot 7^4\cdot 11^2\cdot 31^2\cdot 41^2\cdot 103^2\cdot 137^2\cdot 467^4\cdot 647^2$

$3409261^{18} \Rightarrow 2281\cdot 1903003\cdot 10116779\cdot P_{101},\ B_1 = 379$

$3409261^{22} \Rightarrow n,\ B_1 = 314;\ \ q^{28},\ B_2 = 365$

$467^6 \Rightarrow 449\cdot 104707\cdot 221110919,\ B_1 = 55$

$221110919^2 \Rightarrow 13\cdot p_{16},\ B_1 = 89$

$p_{16}^2 \Rightarrow 3\cdot 7\cdot 2371\cdot 164173\cdot 741859\cdot P_{16},\ B_1 = 148$

$P_{16}^2 \Rightarrow 19\ldots,\ D$

$P_{16}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^4$

$P_{16}^6 \Rightarrow n,\ B_1 = 302;\ \ q^{10},\ B_2 = 307$

$p_{16}^4 \Rightarrow 41\cdot 4691\cdot 1785398371\cdot 241107782087971\cdot P_{34},\ B_1 = 244$

$P_{34}^2 \Rightarrow 19\ldots,\ D$

$P_{34}^4,\ B_3 = 311$

$p_{16}^6 \Rightarrow 29\cdot 281\cdot c_{90},\ B_1 = 248$

$281^2 \Rightarrow 109\cdot 727,\ B_1 = 258$

$727^2 \Rightarrow 3\cdot 176419,\ B_1 = 269$

$176419^2 \Rightarrow 3\cdot 13\cdot 421\cdot 1895599,\ B_1 = 287$

$1895599^2 \Rightarrow 19\ldots,\ D$

$1895599^4,\ B_3 = 300$

$176419^4 \Rightarrow 41\cdot 181\cdot 281\cdot n,\ B_1 = 302$

$176419^6 \Rightarrow 127\ldots,\ D;\ \ q^{10},\ B_3 = 311$

$727^4 \Rightarrow 14281\cdot 19587401,\ B_1 = 287$

$19587401^2 \Rightarrow n,\ B_1 = 301;\ \ q^4,\ B_3 = 301$

$727^6 \Rightarrow 113\cdot 239\cdot 281\cdot 19481464031,\ B_1 = 299$

$19481464031^2 \Rightarrow 13\cdot n,\ B_1 = 319;\ \ q^4,\ B_3 = 320$

$727^{10} \Rightarrow 11\ldots,\ S\ \ 3^2\cdot 7^4\cdot 11^2\cdot 13^2$

$727^{12} \Rightarrow 157\cdot n,\ B_1 = 323$

$727^{16} \Rightarrow n,\ B_1 = 344;\ \ q^{18},\ B_3 = 304$

$281^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^4$

$281^6 \Rightarrow 7\cdot 29\cdot 15737\cdot 154656517,\ B_1 = 283$

$154656517^2 \Rightarrow 3\cdot 661\cdot n,\ B_1 = 302$

$154656517^4 \Rightarrow 11\ldots,\ S\ \ 3^2\cdot 7^4\cdot 11^2\cdot 13^2$

$154656517^6,\ B_3 = 316$

$281^{10} \Rightarrow 201637702531\cdot p_{14},\ B_1 = 317$

$281^{12} \Rightarrow 53\cdot n,\ B_1 = 304$

$281^{16} \Rightarrow n,\ B_1 = 322$

$281^{18} \Rightarrow n,\ B_1 = 332$

$281^{22} \Rightarrow n,\ B_1 = 351;\ \ q^{28},\ B_3 = 312$

$p_{16}^{10},\ B_2 = 311$

$221110919^4 \Rightarrow 41\cdot 3994171\cdot 66010998331\cdot p_{15},\ B_1 = 139$

$p_{15}^2 \Rightarrow 31\cdot 151\cdot 5697487\cdot p_{19},\ B_1 = 196$

$p_{19}^2 \Rightarrow 3\cdot 43\cdot 904027\cdot p_{29},\ B_1 = 268$

$p_{29}^2 \Rightarrow 3\cdot 37\cdot 67\cdot n,\ B_1 = 329;\ \ q^4,\ B_3 = 325$

$p_{19}^4 \Rightarrow 11\cdot n,\ B_1 = 307$

$p_{19}^6 \Rightarrow 71\cdot n,\ B_1 = 381;\ \ q^{10},\ B_2 = 365$

$p_{15}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^4$

$p_{15}^6 \Rightarrow 7\cdot 46327\cdot 3299059\cdot c_{75},\ B_1 = 293$

$3299059^2 \Rightarrow 127\ldots,\ D;\ \ q^4,\ B_3 = 306$

$p_{15}^{10} \Rightarrow 23\cdot n,\ B_1 = 398;\ \ q^{12},\ B_2 = 344$

$221110919^6 \Rightarrow 7\cdot 12741233\cdot 958351537841377\cdot P_{28},\ B_1 = 187$

$P_{28}^2 \Rightarrow 19\ldots,\ D$

$P_{28}^4 \Rightarrow 31\cdot 61\cdot n,\ B_1 = 353;\ \ q^6,\ B_2 = 325$

$221110919^{10} \Rightarrow 145091\cdot 3030259\cdot 444705652337\cdot p_{61},\ B_1 = 289$

$p_{61}^2 \Rightarrow 3\cdot 43\cdot 829\cdot n,\ B_1 = 413;\ \ q^4,\ B_2 = 481$

$221110919^{12} \Rightarrow 131\cdot 10814444239\cdot p_{88},\ B_1 = 339$

$221110919^{16} \Rightarrow n,\ B_1 = 306;\ \ q^{18},\ B_2 = 300$

$467^{10} \Rightarrow p_{27},\ B_1 = 87$

$p_{27}^2 \Rightarrow 3\cdot 7\cdot 43\cdot 241\cdot 367^2\cdot 1117\cdot 1667227\cdot 628652797\cdot 124244862031\cdot p_{14},\ B_1 = 186$

$p_{14}^2 \Rightarrow 3\cdot 7\cdot 79\cdot p_{25},\ B_1 = 240$

$p_{25}^2 \Rightarrow 3\cdot 7^3\cdot 1202437\cdot P_{40},\ B_1 = 333$

$p_{25}^4 \Rightarrow 11\ldots,\ S\ \ 3^4\cdot 7^4\cdot 11^2\cdot 43^2\cdot 79^2\cdot 241^2\cdot 367^2\cdot 467^{10}$

$p_{25}^6,\ B_3 = 337$

$p_{14}^4 \Rightarrow 241\cdot 22291\cdot P_{49},\ B_1 = 319$

$p_{14}^6 \Rightarrow 29\cdot 113\cdot n,\ B_1 = 327$

$p_{14}^{10} \Rightarrow 11\cdot 67\cdot 89\cdot n,\ B_1 = 439;\ \ q^{12},\ B_2 = 330$

$p_{27}^4 \Rightarrow 761\cdot 24425354521\cdot c_{94},\ B_1 = 261$

$24425354521^2 \Rightarrow 127\ldots,\ D$

$24425354521^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^4$

$24425354521^6,\ B_3 = 302$

$p_{27}^6,\ B_2 = 320$

$467^{12} \Rightarrow 157\cdot 14610077\cdot p_{23},\ B_1 = 103$

$p_{23}^2 \Rightarrow 7\cdot 14140875639046499342851\cdot P_{23},\ B_1 = 192$

$P_{23}^2 \Rightarrow 3\cdot 97\cdot 277\cdot 1417702731013\cdot P_{28},\ B_1 = 281$

$P_{28}^2 \Rightarrow 3\cdot 7\cdot 211\cdot n,\ B_1 = 338;\ \ q^4,\ B_3 = 336$

$P_{23}^4 \Rightarrow 11\cdot n,\ B_1 = 328$

$P_{23}^6 \Rightarrow 29\cdot n,\ B_1 = 417;\ \ q^{10},\ B_2 = 446$

$p_{23}^4 \Rightarrow 11\cdot 31\cdot 4233681162102356614381\cdot 591498860088704206432563 1\cdot P_{42},\ B_1 = 330$

$p_{23}^6 \Rightarrow n,\ B_1 = 330;\ \ q^{10},\ B_2 = 453$

$467^{16} \Rightarrow 137\cdot 50287\cdot 18027944771957777\cdot P_{20},\ B_1 = 135$

$P_{20}^2 \Rightarrow 3\cdot 619\cdot 13831\cdot P_{32},\ B_1 = 213$

$P_{32}^2 \Rightarrow 3\cdot 7\cdot 1009\cdot 8293\cdot 655480663\cdot 30705317647\cdot p_{37},\ B_1 = 339$

$P_{32}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^4$

$P_{32}^6,\ B_2 = 381$

$P_{20}^4 \Rightarrow 31\cdot 61\cdot 1463261\cdot 3355081\cdot 14764471\cdot$
$3565774117541\cdot 157803767596832853641\cdot p_{23},\ B_1 = 332$

$P_{20}^6 \Rightarrow 7\cdot n,\ B_1 = 331;\ \ q^{10},\ B_2 = 392$

$467^{18} \Rightarrow 1547347296077243474 93\cdot p_{28},\ B_1 = 151$

$p_{28}^2 \Rightarrow 13\cdot 3301\cdot 114629773\cdot 20607889036625299327\cdot p_{24},\ B_1 = 263$

$p_{24}^2 \Rightarrow 3\cdot 79\cdot 139\cdot 193\cdot n,\ B_1 = 316;\ \ q^4,\ B_3 = 310$

$p_{28}^4 \Rightarrow 31\cdot n,\ B_1 = 320;\ \ q^6,\ B_2 = 334$

$467^{22} \Rightarrow 1151\cdot 61213091380071615958083811\cdot p_{30},\ B_1 = 183$

$p_{30}^2 \Rightarrow 45817\cdot 85232629\cdot P_{48},\ B_1 = 303$

$p_{30}^4 \Rightarrow 11^2\cdot n,\ B_1 = 363;\ \ q^6,\ B_2 = 358$

$467^{28} \Rightarrow 349\cdot 182353\cdot 173298607\cdot 77581941314431\cdot p_{45},\ B_1 = 232$

$p_{45}^2 \Rightarrow 3\cdot n,\ B_1 = 321;\ \ q^4,\ B_2 = 358$

$467^{30} \Rightarrow 1709341\cdot 148106603899418387\cdot 7403751609823470067213 13\cdot P_{33},\ B_1 = 248$

4472: $P_{33}^2 \Rightarrow 3 \cdot n,\ B_1 = 313;\ \ q^4,\ B_3 = 313$

4474: $467^{36} \Rightarrow 3441229252780971691 1 \cdot 5411913584842816390018636889869 63 \cdot p_{44},\ B_1 = 296$

4475: $p_{44}^2 \Rightarrow 7 \cdot n,\ B_1 = 382;\ \ q^4,\ B_3 = 383$

4477: $467^{40} \Rightarrow 1022869 \cdot 4089568263561830388113662969166474269 \cdot p_{65},\ B_1 = 328$

4478: $467^{42} \Rightarrow 431 \cdot 203874002407356928042343545 7 \cdot P_{83},\ B_1 = 344$

4479: $467^{46} \Rightarrow c_{123},\ B_{30} = 368$ *see text*

4480: $467^{52} \Rightarrow 107 \cdot 18059221 \cdot 69339644329 \cdot n,\ B_1 = 305;\ \ q^{58},\ B_2 = 309$

4482: $2801^2 \Rightarrow 37 \cdot 43 \cdot 4933,\ B_1 = 20$

4483: $4933^1 \Rightarrow 2467,\ B_1 = 27$

4484: $2467^2 \Rightarrow 3 \cdot 271 \cdot 7489,\ B_1 = 40$

4485: $7489^2 \Rightarrow 3 \cdot 61 \cdot 306517,\ B_1 = 55$

4486: $306517^2 \Rightarrow 3 \cdot 13 \ldots,\ S\ \ 3^4 \cdot 7^4 \cdot 13^2 \cdot 37^2 \cdot 43^2 \cdot 61^2$

4487: $306517^4 \Rightarrow 41081 \cdot 59471 \cdot P_{13},\ B_1 = 110$

4488: $P_{13}^2 \Rightarrow 181 \cdot 124249 \cdot p_{18},\ B_1 = 160$

4489: $p_{18}^2 \Rightarrow 3 \cdot 193 \cdot 1483 \cdot 60631 \cdot 4257679 \cdot P_{19},\ B_1 = 231$

4490: $P_{19}^2 \Rightarrow 3 \cdot 7 \cdot 31 \cdot 29947016061065239 \cdot p_{18},\ B_1 = 301$

4491: $P_{19}^4 \Rightarrow n,\ B_1 = 340;\ \ q^6,\ B_3 = 304$

4493: $p_{18}^4 \Rightarrow 11 \cdot 31 \ldots,\ S\ \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 31^2 \cdot 37^2 \cdot 43^2$

4494: $p_{18}^6 \Rightarrow 7 \cdot 29 \cdot 113 \cdot n,\ B_1 = 340;\ \ q^{10},\ B_2 = 355$

4496: $P_{13}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$

4497: $P_{13}^6 \Rightarrow 197 \cdot 2521 \cdot 165237712912476759607506637983265 91 \cdot P_{36},\ B_1 = 311$

4498: $P_{13}^{10} \Rightarrow n,\ B_1 = 336;\ \ q^{12},\ B_2 = 301$

4500: $306517^6 \Rightarrow 7 \cdot 29 \cdot 82316396807 \cdot P_{20},\ B_1 = 141$

4501: $P_{20}^2 \Rightarrow 3 \cdot 199 \cdot 739 \cdot 35437 \cdot P_{30},\ B_1 = 220$

4502: $P_{30}^2 \Rightarrow 3 \cdot 211 \cdot 48487 \cdot 7440409 \cdot 4420130701513 \cdot P_{32},\ B_1 = 335$

4503: $P_{30}^4 \Rightarrow 31 \cdot 101 \ldots,\ S\ \ 3^4 \cdot 7^4 \cdot 29^2 \cdot 31^2 \cdot 37^2 \cdot 43^2 \cdot 61^2 \cdot 101^2$

4504: $P_{30}^6,\ B_2 = 350$

4505: $P_{20}^4 \Rightarrow 11 \ldots,\ S\ \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 29^2 \cdot 37^2 \cdot 43^2$

4506: $P_{20}^6 \Rightarrow 7 \cdot 43 \cdot 379 \cdot n,\ B_1 = 338;\ \ q^{10},\ B_2 = 393$

4508: $306517^{10} \Rightarrow 67 \cdot 12188089 \cdot 308618714747 87 \cdot 1204468334955733 \cdot P_{18},\ B_1 = 208$

4509: $P_{18}^2 \Rightarrow 3 \cdot 277 \cdot P_{32},\ B_1 = 278$

4510: $P_{32}^2 \Rightarrow 3 \cdot 7^2 \cdot 37 \cdot n,\ B_1 = 338;\ \ q^4,\ B_3 = 342$

4512: $P_{18}^4 \Rightarrow n,\ B_1 = 313$

4513: $P_{18}^6 \Rightarrow 113 \cdot n,\ B_1 = 384;\ \ q^{10},\ B_3 = 347$

4515: $306517^{12} \Rightarrow 16430959429 \cdot p_{56},\ B_1 = 241$

4516: $p_{56}^2 \Rightarrow 3 \cdot 7 \cdot n,\ B_1 = 352;\ \ q^4,\ B_2 = 444$

4518: $306517^{16} \Rightarrow 953 \cdot 4591 \cdot 8484823421 \cdot$
$26356857612599310911 3 \cdot 1355945766141857344216559 9 \cdot p_{26},\ B_1 = 307$

4519: $306517^{18} \Rightarrow 191 \cdot 55026737 \cdot p_{89},\ B_1 = 340$

4520: $306517^{22} \Rightarrow 277 \cdot 829 \cdot 9597637019 \cdot n,\ B_1 = 301;\ \ q^{28},\ B_2 = 307$

4522: $7489^4 \Rightarrow 11 \cdot P_{15},\ B_1 = 79$

4523: $P_{15}^2 \Rightarrow 19 \ldots,\ D$

4524: $P_{15}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$

4525: $P_{15}^6 \Rightarrow 29 \ldots,\ S\ \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 29^2 \cdot 37^2 \cdot 43^2$

4526: $P_{15}^{10} \Rightarrow 23 \ldots,\ S\ \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 23^2 \cdot 37^2 \cdot 43^2$

4527: $P_{15}^{12},\ B_2 = 346$

4528: $7489^6 \Rightarrow 29 \cdot 21567673 \cdot P_{15},\ B_1 = 102$

4529: $P_{15}^2 \Rightarrow 1693 \cdot 622513 \cdot p_{20},\ B_1 = 160$

4530: $p_{20}^2 \Rightarrow 3 \cdot 1069 \cdot 94777 \cdot p_{32},\ B_1 = 239$

4531: $p_{32}^2 \Rightarrow 3 \cdot 7 \cdot 13 \ldots,\ S\ \ 3^4 \cdot 7^4 \cdot 13^2 \cdot 29^2 \cdot 37^2$

4532: $p_{32}^4,\ B_3 = 301$

4533: $p_{20}^4 \Rightarrow 31 \cdot 131 \cdot p_{76},\ B_1 = 359$

4534: $p_{20}^6 \Rightarrow 43 \cdot n,\ B_1 = 357;\ \ q^{10},\ B_2 = 397$

4536: $P_{15}^4 \Rightarrow 151 \cdot 21631691 \cdot 19983592497179407281 11 \cdot P_{27},\ B_1 = 247$

$P_{27}^{2} \Rightarrow 3 \cdot 7 \cdot 757 \cdot n,\ B_1 = 302;\ \ q^4,\ B_3 = 301$

$P_{15}^{6} \Rightarrow 7 \cdot 29 \cdot 71 \cdot c_{83},\ B_1 = 246$

$71^2 \Rightarrow 5113,\ B_1 = 254$

$5113^2 \Rightarrow 3 \cdot 8715961,\ B_1 = 268$

$8715961^2 \Rightarrow 3 \cdot 7 \cdot P_{13},\ B_1 = 294$

$P_{13}^{2} \Rightarrow 3 \cdot 7 \cdot n,\ B_1 = 317;\ \ q^4,\ B_3 = 319$

$8715961^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$

$8715961^6 \Rightarrow n,\ B_1 = 337;\ \ q^{10},\ B_3 = 323$

$5113^4 \Rightarrow 11 \ldots,\ S\ \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 29^2 \cdot 37^2 \cdot 43^2$

$5113^6 \Rightarrow 113 \cdot 14686393 \cdot P_{14},\ B_1 = 313$

$5113^{10} \Rightarrow n,\ B_1 = 320$

$5113^{12} \Rightarrow n,\ B_1 = 335;\ \ q^{16},\ B_3 = 306$

$71^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$

$71^6 \Rightarrow 7 \cdot 883 \cdot 21020917,\ B_1 = 274$

$21020917^2 \Rightarrow 3 \cdot 1513921 \cdot 97292389,\ B_1 = 303$

$21020917^4 \Rightarrow 11 \ldots,\ S\ \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 29^2 \cdot 37^2 \cdot 43^2$

$21020917^6,\ B_3 = 303$

$71^{10} \Rightarrow 23 \cdot P_{18},\ B_1 = 298$

$P_{18}^{2} \Rightarrow 7 \cdot n,\ B_1 = 332;\ \ q^4,\ B_3 = 332$

$71^{12} \Rightarrow 3202878953 \cdot p_{13},\ B_1 = 309$

$71^{16} \Rightarrow 239 \cdot n,\ B_1 = 304$

$71^{18} \Rightarrow n,\ B_1 = 309$

$71^{22} \Rightarrow 47^2 \cdot n,\ B_1 = 324$

$71^{28} \Rightarrow 59 \cdot 233 \cdot n,\ B_1 = 350$

$71^{30} \Rightarrow n,\ B_1 = 354;\ \ q^{36},\ B_3 = 309$

$P_{15}^{10} \Rightarrow 67 \cdot n,\ B_1 = 364;\ \ q^{12},\ B_2 = 346$

$7489^{10} \Rightarrow 1321 \cdot 25741 \cdot P_{32},\ B_1 = 149$

$P_{32}^{2} \Rightarrow 13 \cdot 84199 \cdot P_{57},\ B_1 = 274$

$P_{57}^{2} \Rightarrow 19 \ldots,\ D$

$P_{57}^{4},\ B_2 = 451$

$P_{32}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$

$P_{32}^{6},\ B_2 = 374$

$7489^{12} \Rightarrow 13 \cdot 53 \cdot 161773 \cdot 5187859 \cdot 20437301 \cdot P_{25},\ B_1 = 172$

$P_{25}^{2} \Rightarrow 3 \cdot 7 \cdot 2251 \cdot 29017 \cdot 39728897279574836629 \cdot P_{21},\ B_1 = 267$

$P_{21}^{2} \Rightarrow 3 \ldots,\ S\ \ 3^4 \cdot 7^4 \cdot 13^2 \cdot 37^2 \cdot 43^2 \cdot 53^2$

$P_{21}^{4},\ B_3 = 307$

$P_{25}^{4} \Rightarrow n,\ B_1 = 318$

$P_{25}^{6} \Rightarrow 29 \ldots,\ S\ \ 3^2 \cdot 7^4 \cdot 13^2 \cdot 29^2 \cdot 37^2 \cdot 43^2 \cdot 53^2$

$P_{25}^{10},\ B_2 = 488$

$7489^{16} \Rightarrow 647 \cdot 1192109 \cdot 3264851 \cdot 19405739 \cdot 69662533 \cdot P_{32},\ B_1 = 218$

$P_{32}^{2} \Rightarrow 376278426847 \cdot 247002538996188579 61 \cdot P_{32},\ B_1 = 344$

$P_{32}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$

$P_{32}^{6},\ B_2 = 377$

$7489^{18} \Rightarrow 229 \cdot 801611 \cdot 197436259 \cdot 960720603511 \cdot p_{42},\ B_1 = 242$

$p_{42}^{2} \Rightarrow n,\ B_1 = 324;\ \ q^4,\ B_2 = 329$

$7489^{22} \Rightarrow 47 \cdot 20011 \cdot 1248119 \cdot p_{74},\ B_1 = 288$

$p_{74}^{2} \Rightarrow 19 \ldots,\ D$

$p_{74}^{4},\ B_2 = 585$

$7489^{28} \Rightarrow 357074517311 \cdot P_{97},\ B_1 = 358$

$7489^{30} \Rightarrow 49787 \cdot 712823053 \cdot 15675772834889 \cdot c_{90},\ B_1 = 292$

$p_{14}^{2} \Rightarrow n,\ B_1 = 318;\ \ q^4,\ B_3 = 318$

$7489^{36} \Rightarrow 149 \cdot n,\ B_1 = 314;\ \ q^{40},\ B_2 = 309$

$2467^4 \Rightarrow 11 \cdot 331 \cdot 10177286401,\ B_1 = 61$

$10177286401^2 \Rightarrow 3 \cdot 7 \cdot 13 \ldots,\ S\ \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 13^2$

4601: $10177286401^4 \Rightarrow 5 \cdot 4021 \cdot 1644691 \cdot 8908465760191 \cdot p_{17},\ B_1 = 161$
4602: $p_{17}^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$
4603: $p_{17}^4 \Rightarrow 5 \cdot 31^2 \cdot 41 \cdot 17981 \cdot 3393650059118520035812051 \cdot P_{33},\ B_1 = 322$
4604: $p_{17}^6 \Rightarrow 127 \ldots,\ D;\ \ q^{10},\ B_2 = 331$
4606: $10177286401^6 \Rightarrow 43 \cdot 68111 \cdot 22154288135626151 \cdot 106821915193868183 \cdot P_{21},\ B_1 = 217$
4607: $P_{21}^2 \Rightarrow 127 \ldots,\ D$
4608: $P_{21}^4 \Rightarrow 701 \cdot n,\ B_1 = 342$
4609: $P_{21}^6 \Rightarrow 7 \cdot n,\ B_1 = 419;\ \ q^{10},\ B_2 = 404$
4611: $10177286401^{10} \Rightarrow 23 \cdot 3822039031905271 \cdot 1229126777742027077 \cdot P_{66},\ B_1 = 341$
4612: $10177286401^{12} \Rightarrow 15731 \cdot c_{116},\ B_1 = 285$
4613: $15731^2 \Rightarrow 7 \cdot 43 \cdot 631 \cdot 1303,\ B_1 = 297$
4614: $1303^2 \Rightarrow 19 \ldots,\ D$
4615: $1303^4,\ B_3 = 303$
4616: $15731^4 \Rightarrow 5 \cdot n,\ B_1 = 311;\ \ q^6,\ B_3 = 302$
4618: $10177286401^{16},\ B_2 = 320$
4619: $2467^6 \Rightarrow 43 \cdot P_{19},\ B_1 = 78$
4620: $P_{19}^2 \Rightarrow 3 \cdot 73 \cdot 127466959 \cdot 1640101794427 \cdot P_{15},\ B_1 = 153$
4621: $P_{15}^2 \Rightarrow 3 \cdot 7 \cdot 10778059 \cdot 16075303 \cdot p_{14},\ B_1 = 209$
4622: $p_{14}^2 \Rightarrow 3 \cdot 51025717 \cdot 2271543691 \cdot 28304824831,\ B_1 = 265$
4623: $28304824831^2 \Rightarrow 3 \cdot 37 \cdot 463 \cdot 6566869 \cdot 2373879229,\ B_1 = 303$
4624: $28304824831^4 \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^4$
4625: $28304824831^6,\ B_3 = 307$
4626: $p_{14}^4 \Rightarrow 11 \cdot 71 \ldots,\ S\ \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 37^2 \cdot 43^2 \cdot 71^2 \cdot 73^2$
4627: $p_{14}^6 \Rightarrow n,\ B_1 = 349;\ \ q^{10},\ B_3 = 321$
4629: $P_{15}^4 \Rightarrow 61 \cdot 71 \cdot 241 \cdot 3121 \cdot 1798421 \cdot 14981968085488492617 01 \cdot P_{23},\ B_1 = 300$
4630: $P_{15}^6 \Rightarrow 29 \cdot n,\ B_1 = 302$
4631: $P_{15}^{10} \Rightarrow 23 \cdot n,\ B_1 = 420;\ \ q^{12},\ B_2 = 354$
4633: $P_{19}^4 \Rightarrow 131 \cdot 1511 \cdot 31942449318001 \cdot 48656813965175401 \cdot p_{40},\ B_1 = 265$
4634: $p_{40}^2 \Rightarrow n,\ B_1 = 344;\ \ q^4,\ B_3 = 344$
4636: $P_{19}^6 \Rightarrow 7 \cdot 29 \cdot 2633 \cdot 710977 \cdot 57430493 \cdot P_{93},\ B_1 = 375;\ \ q^{10},\ B_2 = 374$
4638: $2467^{10} \Rightarrow 23 \cdot 89 \cdot P_{31},\ B_1 = 122$
4639: $P_{31}^2 \Rightarrow 576783253 \cdot 198844055017 \cdot 551780297067913 \cdot p_{27},\ B_1 = 244$
4640: $p_{27}^2 \Rightarrow 19 \ldots,\ D$
4641: $p_{27}^4 \Rightarrow 5 \cdot n,\ B_1 = 403;\ \ q^6,\ B_3 = 350$
4643: $P_{31}^4 \Rightarrow 5 \cdot 61 \cdot n,\ B_1 = 308;\ \ q^6,\ B_2 = 367$
4645: $2467^{12} \Rightarrow 79 \cdot P_{39},\ B_1 = 142$
4646: $P_{39}^2 \Rightarrow 3 \cdot 7 \cdot 31^2 \cdot 1489 \cdot 30211 \cdot 75253 \cdot 9564583813 \cdot P_{51},\ B_1 = 293$
4647: $P_{51}^2 \Rightarrow 3 \cdot 7 \cdot 157 \cdot n,\ B_1 = 395;\ \ q^4,\ B_2 = 406$
4649: $P_{39}^4,\ B_2 = 310$
4650: $2467^{16} \Rightarrow 12377 \cdot p_{51},\ B_1 = 183$
4651: $p_{51}^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot 67 \cdot 1933 \cdot 39649021 \cdot 2275008469 \cdot n,\ B_1 = 306;\ \ q^4,\ B_2 = 401$
4653: $2467^{18} \Rightarrow 13187 \cdot P_{57},\ B_1 = 203$
4654: $P_{57}^2 \Rightarrow n,\ B_1 = 317;\ \ q^4,\ B_2 = 455$
4656: $2467^{22} \Rightarrow 266592662694367677346502147254920281 \cdot p_{40},\ B_1 = 244$
4657: $p_{40}^2 \Rightarrow 3 \cdot n,\ B_1 = 323;\ \ q^4,\ B_3 = 322$
4659: $2467^{28} \Rightarrow 59 \cdot 8843488072974812855 87 \cdot p_{73},\ B_1 = 305$
4660: $2467^{30} \Rightarrow 683 \cdot 2543 \cdot 38069 \cdot c_{91},\ B_1 = 234$
4661: $38069^2 \Rightarrow 1449286831,\ B_1 = 253$
4662: $1449286831^2 \Rightarrow 3 \cdot P_{18},\ B_1 = 289$
4663: $P_{18}^2 \Rightarrow 3 \cdot 31 \cdot n,\ B_1 = 326;\ \ q^4,\ B_3 = 325$
4665: $1449286831^4 \Rightarrow 5 \cdot 11 \cdot 821 \cdot n,\ B_1 = 312$
4666: $1449286831^6 \Rightarrow n,\ B_1 = 344;\ \ q^{10},\ B_3 = 326$
4668: $38069^4 \Rightarrow 11 \cdot 181 \cdot P_{16},\ B_1 = 280$
4669: $P_{16}^2 \Rightarrow n,\ B_1 = 310;\ \ q^4,\ B_3 = 310$

$38069^{6} \Rightarrow 43961 \cdot 868603 \cdot p_{17},\ B_1 = 308$

$38069^{10} \Rightarrow 23 \cdot 881 \cdot n,\ B_1 = 321$

$38069^{12} \Rightarrow 53 \cdot 157 \cdot n,\ B_1 = 339$

$38069^{16} \Rightarrow n,\ B_1 = 372;\ \ q^{18},\ B_3 = 308$

$2467^{36} \Rightarrow 223 \cdot 18734803 \cdot 878234887 \cdot c_{104},\ B_1 = 283$

$878234887^{2} \Rightarrow 3 \cdot 43 \cdot p_{16},\ B_1 = 315;\ \ q^{4},\ B_3 = 301$

$2467^{40} \Rightarrow 7873 \cdot 9431 \cdot c_{128},\ B_1 = 299$

$9431^{2} \Rightarrow 19 \ldots,\ D;\ \ q^{4},\ B_3 = 307$

$2467^{42} \Rightarrow n,\ B_1 = 305;\ \ q^{46},\ B_2 = 312$

$4933^{2} \Rightarrow 127 \ldots,\ D$

$4933^{4} \Rightarrow 11 \cdot 31 \cdot 7541 \cdot 230329301,\ B_1 = 52$

$230329301^{1} \Rightarrow 3 \cdot 7^{3} \ldots,\ S\ \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 31^2 \cdot 37^2 \cdot 43^2$

$230329301^{2} \Rightarrow 223 \cdot p_{15},\ B_1 = 80$

$p_{15}^{1} \Rightarrow 7 \cdot 31 \cdot 438833 \cdot 1249121,\ B_1 = 103$

$1249121^{2} \Rightarrow 13 \cdot 120023424751,\ B_1 = 127$

$120023424751^{2} \Rightarrow 3 \cdot 13 \ldots,\ S\ \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 13^2$

$120023424751^{4} \Rightarrow 5 \cdot 31 \cdot 8501 \cdot P_{39},\ B_1 = 238$

$P_{39}^{2} \Rightarrow 19 \ldots,\ D;\ \ q^{4},\ B_3 = 315$

$120023424751^{6} \Rightarrow 463 \cdot 48204731 \cdot 351747490400868641873011 \cdot P_{33},\ B_1 = 305$

$120023424751^{10} \Rightarrow 23 \cdot n,\ B_1 = 328$

$120023424751^{12} \Rightarrow 53 \cdot 157 \cdot n,\ B_1 = 375;\ \ q^{16},\ B_2 = 354$

$1249121^{4} \Rightarrow 5 \cdot 11 \cdot 881 \cdot 1032851 \cdot p_{14},\ B_1 = 162$

$p_{14}^{2} \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$

$p_{14}^{4} \Rightarrow 5 \cdot 151 \cdot P_{52},\ B_1 = 297$

$P_{52}^{2} \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$

$P_{52}^{4},\ B_2 = 414$

$p_{14}^{6} \Rightarrow 7 \cdot 16703 \cdot n,\ B_1 = 302$

$p_{14}^{10} \Rightarrow 23 \cdot n,\ B_1 = 410;\ \ q^{12},\ B_2 = 328$

$1249121^{6} \Rightarrow P_{37},\ B_1 = 201$

$P_{37}^{2} \Rightarrow 3 \cdot 43 \ldots,\ S\ \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 31^2 \cdot 37^2 \cdot 43^2$

$P_{37}^{4} \Rightarrow n,\ B_1 = 420;\ \ q^{6},\ B_2 = 438$

$1249121^{10} \Rightarrow 67 \cdot 13984543 \cdot 3477661472561 \cdot 457051161202002609 23 \cdot p_{20},\ B_1 = 274$

$p_{20}^{2} \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 31^2 \cdot 37^2 \cdot 43^2$

$p_{20}^{4},\ B_3 = 313$

$1249121^{12} \Rightarrow 79 \cdot 521 \cdot 14431 \cdot 949905273136407563 \cdot 17627152671251870839 \cdot p_{28},\ B_1 = 310$

$1249121^{16} \Rightarrow 1012079 \cdot 6709867 \cdot 10481184272324632284 61 \cdot p_{64},\ B_1 = 383$

$1249121^{18} \Rightarrow n,\ B_1 = 310$

$1249121^{22} \Rightarrow 47 \cdot n,\ B_1 = 361;\ \ q^{28},\ B_2 = 341$

$p_{15}^{2} \Rightarrow 3 \cdot 13 \ldots,\ S\ \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 13 \cdot 31^2$

$p_{15}^{4} \Rightarrow 5 \cdot 241 \cdot 5261 \cdot 53634451781 \cdot p_{40},\ B_1 = 198$

$p_{40}^{1} \Rightarrow 13 \cdot 167 \cdot 479 \cdot 154681 \cdot p_{29},\ B_1 = 277$

$p_{29}^{2} \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$

$p_{29}^{4},\ B_3 = 334$

$p_{40}^{2} \Rightarrow 3 \cdot 7^{2} \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^4$

$p_{40}^{4},\ B_2 = 319$

$p_{15}^{6} \Rightarrow 2017 \cdot 388739653 \cdot 40466448856464274422184267905748 9991 \cdot p_{39},\ B_1 = 285$

$p_{39}^{1} \Rightarrow 3^{2} \ldots,\ S\ \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 31^2 \cdot 37^2 \cdot 43^2$

$p_{39}^{2},\ B_3 = 315$

$p_{15}^{10} \Rightarrow 67^{2} \cdot n,\ B_1 = 349;\ \ q^{12},\ B_2 = 345$

$230329301^{4} \Rightarrow 5 \cdot 11 \cdot 191 \cdot 565564190431 \cdot P_{18},\ B_1 = 138$

$P_{18}^{2} \Rightarrow 127 \ldots,\ D$

$P_{18}^{4} \Rightarrow 5 \cdot 1721 \cdot 13077611346748625881 \cdot p_{48},\ B_1 = 270$

$p_{48}^{1} \Rightarrow 43 \cdot n,\ B_1 = 315$

$p_{48}^2 \Rightarrow 19\ldots,\ D$

$p_{48}^4,\ B_3 = 394$

$P_{18}^6 \Rightarrow n,\ B_1 = 315;\ \ q^{10},\ B_2 = 353$

$230329301^6 \Rightarrow 29\cdot 43\cdot 547\cdot 25999\cdot 148781473163\cdot P_{29},\ B_1 = 187$

$P_{29}^2 \Rightarrow 3\ldots,\ S\ \ 3^2\cdot 7^4\cdot 11^2\cdot 29\cdot 31^2\cdot 37^2$

$P_{29}^4 \Rightarrow 11\cdot n,\ B_1 = 359;\ \ q^6,\ B_2 = 345$

$230329301^{10} \Rightarrow 24624072793\cdot P_{74},\ B_1 = 284$

$P_{74}^2 \Rightarrow 3\cdot 13\ldots,\ S\ \ 3^2\cdot 7^4\cdot 11^2\cdot 13\cdot 31^2$

$P_{74}^4,\ B_2 = 585$

$230329301^{12} \Rightarrow 53\cdot 313\cdot 2665001\cdot 9183799\cdot 2447317549\cdot 582225029020700599\cdot p_{56},\ B_1 = 289$

$p_{56}^1 \Rightarrow 11\cdot 17\cdot 29\cdot n,\ B_1 = 346;\ \ q^2,\ B_3 = 335$

$230329301^{16} \Rightarrow n,\ B_1 = 307;\ \ q^{18},\ B_2 = 301$

$4933^6 \Rightarrow 3221\cdot 360851\cdot p_{14},\ B_1 = 70$

$p_{14}^1 \Rightarrow 23^2\cdot 151\cdot 77619973,\ B_1 = 92$

$77619973^2 \Rightarrow 3\cdot 7\cdot 829\cdot 386641\cdot 895087,\ B_1 = 122$

$895087^2 \Rightarrow 3\cdot 7\cdot 38151506317,\ B_1 = 143$

$38151506317^2 \Rightarrow 3\cdot 31^2\cdot 785947\cdot 642370334407,\ B_1 = 183$

$642370334407^2 \Rightarrow 3\cdot 7^2\cdot 13\ldots,\ S\ \ 3^4\cdot 7^4\cdot 13^2\cdot 23^2\cdot 31^2$

$642370334407^4 \Rightarrow 101\ldots,\ S\ \ 3^4\cdot 7^4\cdot 23^2\cdot 31^2\cdot 37^2\cdot 43^2\cdot 101^2$

$642370334407^6 \Rightarrow 659\cdot n,\ B_1 = 304$

$642370334407^{10} \Rightarrow n,\ B_1 = 395;\ \ q^{12},\ B_3 = 301$

$38151506317^4 \Rightarrow 66808946361933631\cdot P_{26},\ B_1 = 249$

$P_{26}^2 \Rightarrow n,\ B_1 = 300;\ \ q^4,\ B_3 = 300$

$38151506317^6 \Rightarrow 7\cdot 43\cdot 69153869\cdot 37591382263216530802 63\cdot p_{32},\ B_1 = 308$

$38151506317^{10} \Rightarrow 11\ldots,\ S\ \ 3^2\cdot 7^4\cdot 11^2\cdot 23^2\cdot 37^2\cdot 43^2$

$38151506317^{12} \Rightarrow 53\cdot n,\ B_1 = 378;\ \ q^{16},\ B_2 = 338$

$895087^4 \Rightarrow 41\cdot 61\cdot 181\cdot 593951\cdot P_{13},\ B_1 = 182$

$P_{13}^2 \Rightarrow 19\ldots,\ D$

$P_{13}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^4$

$P_{13}^6 \Rightarrow 7\cdot 29\ldots,\ S\ \ 3^2\cdot 7^4\cdot 23^2\cdot 29^2\cdot 37^2\cdot 41^2\cdot 43^2\cdot 61^2$

$P_{13}^{10} \Rightarrow 23\cdot 67\cdot 199\cdot n,\ B_1 = 410;\ \ q^{12},\ B_3 = 306$

$895087^6 \Rightarrow p_{36},\ B_1 = 218$

$p_{36}^2 \Rightarrow 3\cdot 3818820915574591\cdot P_{56},\ B_1 = 359$

$p_{36}^4 \Rightarrow n,\ B_1 = 432;\ \ q^6,\ B_2 = 428$

$895087^{10} \Rightarrow p_{60},\ B_1 = 289$

$p_{60}^2 \Rightarrow n,\ B_1 = 408;\ \ q^4,\ B_2 = 476$

$895087^{12} \Rightarrow 50559653\cdot 34277814832213213\cdot p_{48},\ B_1 = 325$

$895087^{16} \Rightarrow n,\ B_1 = 301$

$895087^{18} \Rightarrow n,\ B_1 = 325$

$895087^{22} \Rightarrow n,\ B_1 = 372;\ \ q^{28},\ B_2 = 333$

$77619973^4 \Rightarrow 193360351\cdot P_{24},\ B_1 = 171$

$P_{24}^2 \Rightarrow 13\cdot 271\cdot 210247\cdot 2534613460865329\cdot p_{23},\ B_1 = 264$

$p_{23}^2 \Rightarrow 3\cdot 7\ldots,\ S\ \ 3^2\cdot 7^4\cdot 13^2\cdot 23^2\cdot 37^2\cdot 43^2$

$p_{23}^4,\ B_3 = 309$

$P_{24}^4 \Rightarrow 5\cdot 41\cdot n,\ B_1 = 313$

$P_{24}^6 \Rightarrow 113\cdot n,\ B_1 = 406;\ \ q^{10},\ B_2 = 465$

$77619973^6 \Rightarrow 29\cdot 1444913\cdot P_{40},\ B_1 = 219$

$P_{40}^2 \Rightarrow 3\cdot 12316202876333688289\cdot P_{60},\ B_1 = 378;\ \ q^4,\ B_2 = 317$

$77619973^{10} \Rightarrow 2179\cdot 28674229\cdot 161009785949\cdot 184591201699280531\cdot P_{40},\ B_1 = 313$

$77619973^{12} \Rightarrow 53\cdot 17863\cdot c_{89},\ B_1 = 272$

$17863^2 \Rightarrow 3\cdot 106368211,\ B_1 = 289$

$106368211^2 \Rightarrow 3\cdot 439\cdot n,\ B_1 = 307;\ \ q^4,\ B_3 = 305$

$17863^4 \Rightarrow 101\cdot 181\cdot n,\ B_1 = 302$

$17863^6 \Rightarrow n,\ B_1 = 314;\ \ q^{10},\ B_3 = 306$

4803: $77619973^{16} \Rightarrow 103 \cdot n,\ B_1 = 331$
4804: $77619973^{18} \Rightarrow n,\ B_1 = 361;\ q^{22},\ B_2 = 347$
4806: $p_{14}^{2} \Rightarrow 19 \ldots,\ D$
4807: $p_{14}^{4} \Rightarrow 11 \cdot P_{52},\ B_1 = 210$
4808: $P_{52}^{2} \Rightarrow 3 \cdot n,\ B_1 = 313;\ q^{4},\ B_2 = 410$
4810: $p_{14}^{6} \Rightarrow 7 \cdot 827 \cdot 8681 \cdot 336557593815525601 \cdot 2367566729464317602 6089 \cdot P_{31},\ B_1 = 268$
4811: $P_{31}^{2} \Rightarrow 3 \cdot 13 \cdot n,\ B_1 = 332;\ q^{4},\ B_3 = 330$
4813: $p_{14}^{10} \Rightarrow n,\ B_1 = 315;\ q^{12},\ B_2 = 314$
4815: $4933^{10} \Rightarrow 1570630777 \cdot 34156917917 \cdot P_{18},\ B_1 = 116$
4816: $P_{18}^{2} \Rightarrow 3 \cdot 13 \cdot 691 \cdot 5005129 \cdot 3968312611 \cdot P_{14},\ B_1 = 185$
4817: $P_{14}^{2} \Rightarrow 3 \cdot 332749 \cdot P_{22},\ B_1 = 239$
4818: $P_{22}^{2} \Rightarrow 3 \cdot 7 \cdot 29443752540695041 \cdot p_{25},\ B_1 = 308$
4819: $P_{22}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^4$
4820: $P_{22}^{6},\ B_3 = 324$
4821: $P_{14}^{4} \Rightarrow 631 \cdot 608956991 \cdot p_{44},\ B_1 = 289$
4822: $p_{44}^{1} \Rightarrow 293 \cdot n,\ B_1 = 335;\ q^{2},\ B_3 = 322$
4824: $P_{14}^{6} \Rightarrow 43 \cdot n,\ B_1 = 320$
4825: $P_{14}^{10} \Rightarrow 23 \cdot n,\ B_1 = 433;\ q^{12},\ B_2 = 328$
4827: $P_{18}^{4} \Rightarrow 131 \cdot 7321 \cdot 132491 \cdot 203512711 \cdot P_{50},\ B_1 = 288$
4828: $P_{50}^{2} \Rightarrow 13 \cdot n,\ B_1 = 388;\ q^{4},\ B_2 = 395$
4830: $P_{18}^{6} \Rightarrow 113 \cdot 28841317 \cdot 152654153 \cdot n,\ B_1 = 306;\ q^{10},\ B_2 = 344$
4832: $4933^{12} \Rightarrow 9551122621 \cdot p_{35},\ B_1 = 115$
4833: $p_{35}^{1} \Rightarrow 15528504988477513 \cdot p_{18},\ B_1 = 183$
4834: $p_{18}^{2} \Rightarrow 3 \cdot 7 \cdot 31 \cdot 73 \cdot 24967 \cdot 254557 \cdot P_{22},\ B_1 = 253$
4835: $P_{22}^{2} \Rightarrow 127 \ldots,\ D$
4836: $P_{22}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$
4837: $P_{22}^{6},\ B_3 = 337$
4838: $p_{18}^{4} \Rightarrow 41 \cdot 869501 \cdot 5715011 \cdot n,\ B_1 = 304$
4839: $p_{18}^{6} \Rightarrow n,\ B_1 = 361;\ q^{10},\ B_2 = 356$
4841: $p_{35}^{2} \Rightarrow 3 \cdot 1123 \cdot 833426053 \cdot 875057251 \cdot p_{48},\ B_1 = 239$
4842: $p_{48}^{1} \Rightarrow 5 \cdot 7 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$
4843: $p_{48}^{2} \Rightarrow 3 \cdot n,\ B_1 = 371;\ q^{4},\ B_2 = 378$
4845: $p_{35}^{4} \Rightarrow 5 \cdot 31 \cdot n,\ B_1 = 347;\ q^{6},\ B_2 = 412$
4847: $4933^{16} \Rightarrow 409 \cdot 919 \cdot 4591 \cdot 44711 \cdot P_{46},\ B_1 = 191$
4848: $P_{46}^{2} \Rightarrow 3 \cdot 7 \cdot 511787827696142083 \cdot c_{72},\ B_1 = 299$
4849: $P_{18}^{2} \Rightarrow 19 \ldots,\ D;\ q^{4},\ B_3 = 334$
4851: $P_{46}^{4},\ B_2 = 361$
4852: $4933^{18} \Rightarrow 16987 \cdot p_{63},\ B_1 = 153$
4853: $p_{63}^{1} \Rightarrow 5 \cdot 17 \cdot 173 \cdot 401 \cdot 5879 \cdot 33641152896454897 \cdot p_{35},\ B_1 = 277$
4854: $p_{35}^{2} \Rightarrow 31 \cdot n,\ B_1 = 348;\ q^{4},\ B_3 = 347$
4856: $p_{63}^{2} \Rightarrow 3 \cdot n,\ B_1 = 339;\ q^{4},\ B_2 = 497$
4858: $4933^{22} \Rightarrow 6976223 \cdot p_{75},\ B_1 = 186$
4859: $p_{75}^{1} \Rightarrow 197 \cdot P_{72},\ B_1 = 334$
4860: $p_{75}^{2} \Rightarrow 3 \cdot 7 \cdot n,\ B_1 = 407;\ q^{4},\ B_2 = 595$
4862: $4933^{28} \Rightarrow 59 \cdot 523 \cdot 12982873237 \cdot 329142823777 \cdot 2919440 18133683 \cdot P_{63},\ B_1 = 315$
4863: $4933^{30} \Rightarrow 48857 \cdot 23981860425151803693156040 1 \cdot P_{80},\ B_1 = 322$
4864: $4933^{36} \Rightarrow 149 \cdot 4381541 \cdot 93301643 \cdot 4038313447013 \cdot P_{104},\ B_1 = 402$
4865: $4933^{40} \Rightarrow 83 \cdot n,\ B_1 = 312;\ q^{42},\ B_2 = 310$
4867: $2801^{4} \Rightarrow 5 \cdot 1956611 \cdot 6294091,\ B_1 = 44$
4868: $6294091^{2} \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^4$
4869: $6294091^{4} \Rightarrow 5 \cdot 1963111 \cdot 2692801 \cdot P_{14},\ B_1 = 104$
4870: $P_{14}^{2} \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$
4871: $P_{14}^{4} \Rightarrow 5 \cdot 41 \cdot 151 \cdot 620491004093431 \cdot 454404389982705091 \cdot P_{19},\ B_1 = 242$
4872: $P_{19}^{2} \Rightarrow 19 \ldots,\ D$

4873: $P_{19}^{4} \Rightarrow 5 \cdot 11 \cdot 31 \cdot n,\ B_1 = 353;\ \ q^{6},\ B_3 = 315$

4875: $P_{14}^{6} \Rightarrow 10067 \cdot 29666089800780739112687487441566018477 \cdot P_{42},\ B_1 = 294$

4876: $P_{42}^{2} \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$

4877: $P_{42}^{4},\ B_3 = 376$

4878: $P_{14}^{10} \Rightarrow n,\ B_1 = 352;\ \ q^{12},\ B_2 = 330$

4880: $6294091^{6} \Rightarrow p_{41},\ B_1 = 112$

4881: $p_{41}^{1} \Rightarrow 43 \cdot 809 \cdot 1523 \cdot P_{33},\ B_1 = 193$

4882: $P_{33}^{2} \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$

4883: $P_{33}^{4} \Rightarrow 11 \cdot n,\ B_1 = 391;\ \ q^{6},\ B_2 = 393$

4885: $p_{41}^{2} \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^4$

4886: $p_{41}^{4},\ B_2 = 326$

4887: $6294091^{10} \Rightarrow 11 \cdot 23 \cdot p_{66},\ B_1 = 169$

4888: $p_{66}^{1} \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$

4889: $p_{66}^{2} \Rightarrow n,\ B_1 = 365;\ \ q^{4},\ B_2 = 524$

4891: $6294091^{12} \Rightarrow 106881652665269 \cdot 84109782766575024034766893 \cdot p_{41},\ B_1 = 235$

4892: $p_{41}^{1} \Rightarrow 5^2 \cdot 7 \cdot 131 \cdot 1493 \cdot 46931005651459 \cdot P_{20},\ B_1 = 312$

4893: $p_{41}^{2} \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^4$

4894: $p_{41}^{4},\ B_3 = 330$

4895: $6294091^{16} \Rightarrow 13478976826145557 \cdot p_{93},\ B_1 = 264$

4896: $p_{93}^{1} \Rightarrow 3^2 \cdot 7 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$

4897: $p_{93}^{2},\ B_2 = 370$

4898: $6294091^{18} \Rightarrow 3680491 \cdot c_{116},\ B_1 = 281$

4899: $3680491^{2} \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^4$

4900: $3680491^{4} \Rightarrow 5 \cdot 31 \cdot n,\ B_1 = 321;\ \ q^{6},\ B_3 = 308$

4902: $6294091^{22} \Rightarrow n,\ B_1 = 329;\ \ q^{28},\ B_2 = 380$

4904: $2801^{6} \Rightarrow 7 \cdot 71 \cdot 211 \cdot 1597 \cdot p_{13},\ B_1 = 51$

4905: $p_{13}^{1} \Rightarrow 3 \cdot 480771505499,\ B_1 = 75$

4906: $480771505499^{2} \Rightarrow 10099 \cdot P_{20},\ B_1 = 122$

4907: $P_{20}^{2} \Rightarrow 3 \cdot 7 \cdot 10632289 \cdot 1906532083 \cdot P_{22},\ B_1 = 197$

4908: $P_{22}^{2} \Rightarrow 3 \cdot 427249 \cdot P_{37},\ B_1 = 281$

4909: $P_{37}^{2} \Rightarrow 3 \cdot 7 \cdot n,\ B_1 = 352;\ \ q^{4},\ B_3 = 353$

4911: $P_{22}^{4} \Rightarrow 11 \cdot 41 \cdot n,\ B_1 = 326$

4912: $P_{22}^{6} \Rightarrow 7 \cdot 547 \cdot n,\ B_1 = 409;\ \ q^{10},\ B_2 = 421$

4914: $P_{20}^{4} \Rightarrow 49531 \cdot 556126718788891 \cdot p_{58},\ B_1 = 315$

4915: $P_{20}^{6} \Rightarrow 43 \cdot n,\ B_1 = 317;\ \ q^{10},\ B_2 = 387$

4917: $480771505499^{4} \Rightarrow 61 \cdot 101 \cdot 5403481 \cdot p_{37},\ B_1 = 192$

4918: $p_{37}^{2} \Rightarrow 43 \cdot 56398601638095111311966800759 \cdot P_{43},\ B_1 = 337$

4919: $p_{37}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$

4920: $p_{37}^{6},\ B_2 = 434$

4921: $480771505499^{6} \Rightarrow 127 \ldots,\ D$

4922: $480771505499^{10} \Rightarrow 67 \cdot 5171 \cdot p_{112},\ B_1 = 402$

4923: $480771505499^{12} \Rightarrow 79 \cdot n,\ B_1 = 334;\ \ q^{16},\ B_2 = 373$

4925: $p_{13}^{2} \Rightarrow 619 \cdot p_{23},\ B_1 = 91$

4926: $p_{23}^{1} \Rightarrow p_{22},\ B_1 = 135$

4927: $p_{22}^{2} \Rightarrow 3 \cdot 373 \cdot 9337 \cdot 178238491 \cdot 370385167 \cdot 4454783383 \cdot 14702780467,\ B_1 = 222$

4928: $14702780467^{2} \Rightarrow 3 \cdot 7 \cdot 43 \cdot 97 \cdot 3049537 \cdot 809292571,\ B_1 = 260$

4929: $809292571^{2} \Rightarrow 3 \cdot 13 \cdot 15991 \cdot p_{13},\ B_1 = 296$

4930: $p_{13}^{2} \Rightarrow 3 \cdot 7 \cdot 43 \cdot n,\ B_1 = 317;\ \ q^{4},\ B_3 = 320$

4932: $809292571^{4} \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^4$

4933: $809292571^{6} \Rightarrow n,\ B_1 = 349;\ \ q^{10},\ B_3 = 331$

4935: $14702780467^{4} \Rightarrow 101 \cdot 191 \cdot 413411 \cdot 3183751 \cdot P_{25},\ B_1 = 324$

4936: $14702780467^{6} \Rightarrow n,\ B_1 = 324;\ \ q^{10},\ B_3 = 303$

4938: $p_{22}^{4} \Rightarrow 11 \cdot 1481 \cdot P_{84},\ B_1 = 353$

4939: $p_{22}^{6} \Rightarrow 7 \cdot n,\ B_1 = 352;\ \ q^{10},\ B_2 = 436$

$p_{23}^{2} \Rightarrow 19\ldots,\ D$

$p_{23}^{4} \Rightarrow 1954904836276391 \cdot c_{74},\ B_1 = 258$

$P_{16}^{2} \Rightarrow 163 \cdot 397 \cdot 407599 \cdot p_{21},\ B_1 = 302$

$P_{16}^{4} \Rightarrow 5 \cdot 251 \cdot n,\ B_1 = 353;\ q^6,\ B_3 = 319$

$p_{23}^{6} \Rightarrow 7 \cdot n,\ B_1 = 330;\ q^{10},\ B_2 = 442$

$p_{13}^{4} \Rightarrow 11 \cdot 281 \cdot 421 \cdot 4091 \cdot p_{41},\ B_1 = 148$

$p_{41}^{1} \Rightarrow 3^3 \cdot 132019 \cdot 141443 \cdot 1765899395563 \cdot p_{16},\ B_1 = 226$

$p_{16}^{2} \Rightarrow 3 \cdot 7 \cdot 13\ldots,\ S\ 3^4 \cdot 7^4 \cdot 11^2 \cdot 13^2$

$p_{16}^{4} \Rightarrow 11 \cdot 811 \cdot n,\ B_1 = 323$

$p_{16}^{6} \Rightarrow 197 \cdot n,\ B_1 = 387;\ q^{10},\ B_3 = 353$

$p_{41}^{2} \Rightarrow 19\ldots,\ D;\ q^4,\ B_2 = 320$

$p_{13}^{6} \Rightarrow 127\ldots,\ D$

$p_{13}^{10} \Rightarrow 23 \cdot 1277 \cdot 359137364064029 \cdot p_{106},\ B_1 = 307$

$p_{13}^{12} \Rightarrow n,\ B_1 = 334;\ q^{16},\ B_2 = 398$

$2801^{10} \Rightarrow 23 \cdot 1372537 \cdot 10196539 \cdot 45437789 \cdot P_{13},\ B_1 = 99$

$P_{13}^{2} \Rightarrow 3 \cdot 109 \cdot 54907 \cdot p_{18},\ B_1 = 138$

$p_{18}^{1} \Rightarrow 2423 \cdot 55163 \cdot 861235321,\ B_1 = 172$

$861235321^2 \Rightarrow 3 \cdot 7 \cdot P_{17},\ B_1 = 205$

$P_{17}^{2} \Rightarrow 3 \cdot 97 \cdot 191911 \cdot 203653 \cdot 1663002277 \cdot 65958721573,\ B_1 = 272$

$65958721573^2 \Rightarrow 3 \cdot 2452859971 \cdot 591221812231,\ B_1 = 314$

$65958721573^4 \Rightarrow n,\ B_1 = 336;\ q^6,\ B_3 = 315$

$P_{17}^{4} \Rightarrow n,\ B_1 = 305$

$P_{17}^{6} \Rightarrow n,\ B_1 = 371;\ q^{10},\ B_3 = 338$

$861235321^4 \Rightarrow 5\ldots,\ S\ 3^2 \cdot 5^2 \cdot 7^4$

$861235321^6 \Rightarrow 29 \cdot 12377 \cdot 1079852201 \cdot 1736291663 \cdot p_{30},\ B_1 = 315$

$861235321^{10} \Rightarrow 11 \cdot 89 \cdot n,\ B_1 = 336$

$861235321^{12} \Rightarrow 157 \cdot n,\ B_1 = 371$

$861235321^{16} \Rightarrow 103 \cdot n,\ B_1 = 442;\ q^{18},\ B_2 = 321$

$p_{18}^{2} \Rightarrow 3 \cdot 7 \cdot 103 \cdot 223 \cdot 1660507 \cdot p_{23},\ B_1 = 200$

$p_{23}^{1} \Rightarrow 5^3\ldots,\ S\ 3^2 \cdot 5^4 \cdot 7^4$

$p_{23}^{2} \Rightarrow 3 \cdot 43 \cdot 78787 \cdot p_{39},\ B_1 = 275$

$p_{39}^{1} \Rightarrow n,\ B_1 = 313;\ q^2,\ B_3 = 306$

$p_{23}^{4} \Rightarrow 11 \cdot 71\ldots,\ S\ 3^2 \cdot 7^4 \cdot 11^2 \cdot 23^2 \cdot 71^2 \cdot 103^2 \cdot 109$

$p_{23}^{6},\ B_3 = 306$

$p_{18}^{4} \Rightarrow 11^2 \cdot 41 \cdot 101\ldots,\ S\ 3^2 \cdot 7^4 \cdot 11^2 \cdot 23^2 \cdot 41 \cdot 101^2$

$p_{18}^{6} \Rightarrow 43 \cdot n,\ B_1 = 323;\ q^{10},\ B_2 = 347$

$P_{13}^{4} \Rightarrow 5 \cdot 9421 \cdot 574711 \cdot 9591301416738011 \cdot p_{23},\ B_1 = 207$

$p_{23}^{1} \Rightarrow 3\ldots,\ S\ 3^2 \cdot 5^2 \cdot 7^4$

$p_{23}^{2} \Rightarrow 79 \cdot 181 \cdot 1677475489 \cdot p_{33},\ B_1 = 288$

$p_{33}^{1} \Rightarrow 79 \cdot n,\ B_1 = 318;\ q^2,\ B_3 = 311$

$p_{23}^{4} \Rightarrow 5 \cdot 11 \cdot n,\ B_1 = 359;\ q^6,\ B_3 = 313$

$P_{13}^{6} \Rightarrow 617 \cdot p_{72},\ B_1 = 232$

$p_{72}^{1} \Rightarrow 3 \cdot n,\ B_1 = 303$

$p_{72}^{2} \Rightarrow 97 \cdot n,\ B_1 = 440;\ q^4,\ B_2 = 568$

$P_{13}^{10} \Rightarrow 11 \cdot 23 \cdot n,\ B_1 = 320$

$P_{13}^{12} \Rightarrow 599 \cdot n,\ B_1 = 372;\ q^{16},\ B_2 = 393$

$2801^{12} \Rightarrow 1483 \cdot 8932457 \cdot 22867937 \cdot P_{24},\ B_1 = 120$

$P_{24}^{2} \Rightarrow 3 \cdot 7 \cdot 43 \cdot 7766436390529 \cdot 298201259281183 \cdot p_{18},\ B_1 = 203$

$p_{18}^{1} \Rightarrow 479 \cdot 709 \cdot 1009 \cdot 4013 \cdot 103123,\ B_1 = 238$

$103123^2 \Rightarrow 3 \cdot 9949 \cdot 356299,\ B_1 = 257$

$356299^2 \Rightarrow 19\ldots,\ D$

$356299^4 \Rightarrow 11 \cdot 31 \cdot 1861 \cdot 2141 \cdot p_{14},\ B_1 = 312$

$356299^6 \Rightarrow 127\ldots,\ D;\ q^{10},\ B_3 = 301$

$103123^4 \Rightarrow 11 \cdot 7430341 \cdot P_{13},\ B_1 = 288$

5010: $P_{13}^2 \Rightarrow 127\ldots,\ D;\ \ q^4,\ B_3 = 312$

5012: $103123^6 \Rightarrow 71443 \cdot 119617 \cdot 919591 \cdot p_{15},\ B_1 = 318$

5013: $103123^{10} \Rightarrow 463 \cdot n,\ B_1 = 331$

5014: $103123^{12} \Rightarrow 443 \cdot n,\ B_1 = 351;\ \ q^{16},\ B_3 = 308$

5016: $p_{18}^2 \Rightarrow 3 \cdot 31 \cdot 829 \cdot 1609 \cdot P_{27},\ B_1 = 277$

5017: $P_{27}^2 \Rightarrow 3 \cdot 31 \cdot n,\ B_1 = 329;\ \ q^4,\ B_3 = 330$

5019: $p_{18}^4 \Rightarrow 5\ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^4$

5020: $p_{18}^6 \Rightarrow 29 \cdot n,\ B_1 = 384;\ \ q^{10},\ B_2 = 349$

5022: $P_{24}^4 \Rightarrow 11 \cdot 41 \cdot 2251 \cdot 178481 \cdot 159956351 \cdot$
$105618539356601 \cdot 1878040934544659620687399241 \cdot P_{35},\ B_1 = 339$

5023: $P_{24}^6 \Rightarrow 29 \cdot n,\ B_1 = 360;\ \ q^{10},\ B_2 = 477$

5025: $2801^{16} \Rightarrow 1460743 \cdot 11550619282818371126 83 \cdot p_{28},\ B_1 = 140$

5026: $p_{28}^1 \Rightarrow 73 \cdot 20323 \cdot 52301 \cdot 1025029 \cdot 53505560417,\ B_1 = 196$

5027: $53505560417^2 \Rightarrow 1399045519 \cdot p_{13},\ B_1 = 239$

5028: $p_{13}^2 \Rightarrow 3 \cdot p_{25},\ B_1 = 288$

5029: $p_{25}^2 \Rightarrow 3 \cdot 271 \cdot 439 \cdot n,\ B_1 = 341;\ \ q^4,\ B_3 = 336$

5031: $p_{13}^4 \Rightarrow 31 \cdot 41 \cdot n,\ B_1 = 316$

5032: $p_{13}^6 \Rightarrow n,\ B_1 = 362;\ \ q^{10},\ B_3 = 337$

5034: $53505560417^4 \Rightarrow 1451 \cdot 695498761 \cdot 130281033796141 \cdot P_{17},\ B_1 = 303$

5035: $53505560417^6 \Rightarrow 7 \cdot 197 \cdot n,\ B_1 = 304$

5036: $53505560417^{10} \Rightarrow 11 \cdot 23 \cdot 617 \cdot n,\ B_1 = 394;\ \ q^{12},\ B_3 = 303$

5038: $p_{28}^2 \Rightarrow 3 \cdot 13 \cdot 37 \cdot 9227497 \cdot 9985717993 \cdot 41620250588375911 \cdot P_{20},\ B_1 = 270$

5039: $P_{20}^2 \Rightarrow 3 \cdot 37 \cdot n,\ B_1 = 306;\ \ q^4,\ B_3 = 308$

5041: $p_{28}^4 \Rightarrow n,\ B_1 = 336;\ \ q^6,\ B_2 = 335$

5043: $2801^{18} \Rightarrow 229 \cdot 576613 \cdot 1371021392040182353 \cdot P_{36},\ B_1 = 171$

5044: $P_{36}^2 \Rightarrow 3 \cdot 7 \cdot 31 \cdot 61 \cdot 9384400854377083 \cdot p_{52},\ B_1 = 280$

5045: $p_{52}^1 \Rightarrow 7 \cdot n,\ B_1 = 329;\ \ q^2,\ B_3 = 312$

5047: $P_{36}^4 \Rightarrow 11 \cdot 101 \cdot 211 \cdot n,\ B_1 = 391;\ \ q^6,\ B_2 = 429$

5049: $2801^{22} \Rightarrow 47 \cdot 599 \cdot 7867 \cdot 1174901503 \cdot 80888727900887 \cdot p_{45},\ B_1 = 186$

5050: $p_{45}^1 \Rightarrow 3^2 \cdot 11 \cdot 67^2 \cdot 227 \cdot 1093 \cdot P_{34},\ B_1 = 270$

5051: $P_{34}^2 \Rightarrow 3 \cdot n,\ B_1 = 337;\ \ q^4,\ B_3 = 336$

5053: $p_{45}^2 \Rightarrow n,\ B_1 = 319;\ \ q^4,\ B_2 = 356$

5055: $2801^{28} \Rightarrow 59 \cdot 1277 \cdot 1575397 \cdot 10745562019760995279 4311 \cdot p_{63},\ B_1 = 230$

5056: $p_{63}^1 \Rightarrow 5 \cdot 7 \cdot 307 \cdot 42923 \cdot 8843257828127899159 \cdot p_{35},\ B_1 = 353$

5057: $p_{63}^2 \Rightarrow 3 \cdot 457 \cdot 769 \cdot n,\ B_1 = 417;\ \ q^4,\ B_2 = 499$

5059: $2801^{30} \Rightarrow 1613 \cdot 2791 \cdot 132345512729 \cdot p_{86},\ B_1 = 227$

5060: $p_{86}^1 \Rightarrow n,\ B_1 = 313;\ \ q^2,\ B_2 = 342$

5062: $2801^{36} \Rightarrow 1777 \cdot 225720113590631 3 \cdot 342160502995120879 \cdot P_{88},\ B_1 = 360$

5063: $2801^{40} \Rightarrow 5659 \cdot 67280099 \cdot p_{127},\ B_1 = 290$

5064: $p_{127}^1 \Rightarrow 3 \cdot 7 \cdot n,\ B_1 = 416;\ \ q^2,\ B_2 = 505$

5066: $2801^{42} \Rightarrow 751813 \cdot 1039999 \cdot 458887573 \cdot n,\ B_1 = 304;\ \ q^{46},\ B_2 = 317$

5068: $7^6 \Rightarrow 29 \cdot 4733,\ B_1 = 11$

5069: $4733^1 \Rightarrow 3^2 \cdot 263,\ B_1 = 17$

5070: $263^2 \Rightarrow 7^2 \cdot 13 \cdot 109,\ B_1 = 23$

5071: $109^2 \Rightarrow 3 \cdot 7 \cdot 571,\ B_1 = 30$

5072: $571^2 \Rightarrow 3 \cdot 7 \cdot 103 \cdot 151,\ S\ \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 103^2 \cdot 109^2 \cdot 151^2$

5073: $571^4 \Rightarrow 5\ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^6$

5074: $571^6 \Rightarrow 29^2 \cdot p_{14},\ B_1 = 71$

5075: $p_{14}^2 \Rightarrow 3 \cdot 13 \cdot 43\ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^4 \cdot 43^2$

5076: $p_{14}^4 \Rightarrow 11\ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 11^2 \cdot 13^2$

5077: $p_{14}^6 \Rightarrow 7 \cdot 337 \cdot 673 \cdot 180097 \cdot 154377707923944725861953864750 9667 \cdot P_{38},\ B_1 = 287$

5078: $P_{38}^2 \Rightarrow 13^2 \cdot n,\ B_1 = 361;\ \ q^4,\ B_3 = 361$

5080: $p_{14}^{10} \Rightarrow 67\ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^4 \cdot 67^2 \cdot 109^2$

5081: $p_{14}^{12},\ B_2 = 326$

$571^{10} \Rightarrow 419 \cdot 2277499309493 \cdot P_{13},\ B_1 = 107$

$P_{13}^2 \Rightarrow 541 \cdot 1279 \cdot 25117 \cdot P_{15},\ B_1 = 157$

$P_{15}^2 \Rightarrow 3 \cdot 6763 \cdot 38007421 \cdot 83652853 \cdot 11484690109,\ B_1 = 216$

$11484690109^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot 65193673 \cdot 7410891679,\ B_1 = 252$

$7410891679^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot 37 \ldots,\ S\ \ 3^6 \cdot 7^6 \cdot 13^4 \cdot 29^2 \cdot 37^2$

$7410891679^4 \Rightarrow 11^2 \ldots,\ S\ \ 3^6 \cdot 7^6 \cdot 11^2 \cdot 13^2$

$7410891679^6 \Rightarrow n,\ B_1 = 351;\ \ q^{10},\ B_3 = 331$

$11484690109^4 \Rightarrow 41 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 41^2$

$11484690109^6 \Rightarrow 29 \cdot 43 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 43^2$

$11484690109^{10} \Rightarrow 23 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 23^2 \cdot 29^2$

$11484690109^{12},\ B_3 = 317$

$P_{15}^4 \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^6$

$P_{15}^6 \Rightarrow 7 \cdot 29 \cdot n,\ B_1 = 304$

$P_{15}^{10} \Rightarrow 23 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 23^2 \cdot 29^2$

$P_{15}^{12},\ B_2 = 358$

$P_{13}^4 \Rightarrow 151 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 109^2 \cdot 151^2 \cdot 263^2 \cdot 419^2 \cdot 571^{10}$

$P_{13}^6 \Rightarrow 7 \cdot 8923733659 \cdot 471595255097 \cdot p_{54},\ B_1 = 307$

$P_{13}^{10} \Rightarrow 11 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 11^2 \cdot 13^2$

$P_{13}^{12},\ B_2 = 302$

$571^{12} \Rightarrow 79 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 79^2 \cdot 109^2 \cdot 263^2$

$571^{16} \Rightarrow p_{45},\ B_1 = 157$

$p_{45}^2 \Rightarrow 271 \cdot 1201 \cdot 3253 \cdot 41318874974595979 \cdot P_{63},\ B_1 = 333;\ \ q^4,\ B_2 = 352$

$571^{18} \Rightarrow 19 \ldots,\ D$

$571^{22} \Rightarrow 47 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 47^2 \cdot 109^2$

$571^{28} \Rightarrow 979969 \cdot 1491761 \cdot 5927461207 \cdot P_{56},\ B_1 = 256$

$P_{56}^2 \Rightarrow 19 \ldots,\ D$

$P_{56}^4,\ B_2 = 441$

$571^{30} \Rightarrow 311 \cdot 683 \cdot 5436773423413 \cdot 5512165699624275509366608545 79 \cdot P_{35},\ B_1 = 272$

$P_{35}^2 \Rightarrow 3 \cdot 463 \cdot n,\ B_1 = 344;\ \ q^4,\ B_3 = 342$

$571^{36} \Rightarrow 2221 \cdot 11500918089495456958 69 \cdot$
$25396168961768670627153558459 59 \cdot P_{45},\ B_1 = 322$

$571^{40} \Rightarrow 28619 \cdot P_{106},\ B_1 = 355$

$571^{42} \Rightarrow 173 \cdot 1119387697 \cdot c_{105},\ B_1 = 267$

$1119387697^2 \Rightarrow 3 \cdot 5107 \cdot P_{14},\ B_1 = 302$

$1119387697^4 \Rightarrow 191 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 109^2 \cdot 173^2 \cdot 191^2 \cdot 263^2$

$1119387697^6,\ B_3 = 303$

$571^{46} \Rightarrow 36173927 \cdot 9962818087550984807 \cdot p_{101},\ B_1 = 405$

$571^{52} \Rightarrow 107 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 107^2 \cdot 109^2 \cdot 263^2 \cdot 571^{52}$

$571^{58},\ B_2 = 319$

$109^4 \Rightarrow 31 \cdot 191 \cdot 24061,\ B_1 = 44$

$24061^2 \Rightarrow 19 \ldots,\ D$

$24061^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^6$

$24061^6 \Rightarrow 29 \cdot 3823 \cdot p_{22},\ B_1 = 111$

$p_{22}^2 \Rightarrow 945649657 \cdot 19063784705143 \cdot p_{21},\ B_1 = 196$

$p_{21}^2 \Rightarrow 127 \ldots,\ D$

$p_{21}^4 \Rightarrow 311 \cdot n,\ B_1 = 320$

$p_{21}^6 \Rightarrow 7 \cdot n,\ B_1 = 397;\ \ q^{10},\ B_2 = 404$

$p_{22}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^6$

$p_{22}^6 \Rightarrow 7 \cdot n,\ B_1 = 322;\ \ q^{10},\ B_2 = 424$

$24061^{10} \Rightarrow 23 \ldots,\ S\ \ 3^2 \cdot 7^6 \cdot 13^2 \cdot 23^2 \cdot 29^2 \cdot 31^2$

$24061^{12} \Rightarrow 66821 \cdot 276029238187223 \cdot P_{34},\ B_1 = 193$

$P_{34}^2 \Rightarrow 127 \ldots,\ D$

$P_{34}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^6$

$P_{34}^6,\ B_2 = 399$

$24061^{16} \Rightarrow 307 \cdot P_{68},\ B_1 = 245$

$P_{68}^2 \Rightarrow 7 \cdot 13 \cdot 397 \ldots,\ S\ \ 3^2 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 31^2 \cdot 109^4 \cdot 191^2 \cdot 263^2 \cdot 307^2 \cdot 397^2$

$P_{68}^4,\ B_2 = 540$

$24061^{18} \Rightarrow 229 \cdot 3093932641 \cdot 12060447107 \cdot 1154001913508630925083623 \cdot P_{33},\ B_1 = 271$

$P_{33}^2 \Rightarrow 7 \cdot 13 \cdot 37 \ldots,\ S\ \ 3^2 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 31^2 \cdot 37^2$

$P_{33}^4,\ B_3 = 337$

$24061^{22} \Rightarrow 41666004596981 \cdot 3983617350235013 \cdot P_{68},\ B_1 = 324$

$24061^{28} \Rightarrow 59 \ldots,\ S\ \ 3^2 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 31^2 \cdot 59^2 \cdot 109^4$

$24061^{30} \Rightarrow 373 \cdot n,\ B_1 = 300;\ \ q^{36},\ B_2 = 315$

$109^6 \Rightarrow 113 \cdot 281 \cdot 53306107,\ B_1 = 56$

$53306107^2 \Rightarrow 19 \ldots,\ D$

$53306107^4 \Rightarrow 47711 \cdot P_{27},\ B_1 = 133$

$P_{27}^2 \Rightarrow 3 \cdot 7 \cdot 13 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 109^6 \cdot 113^2 \cdot 263^2 \cdot 281^2$

$P_{27}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^6$

$P_{27}^6,\ B_2 = 314$

$53306107^6 \Rightarrow 127 \ldots,\ D$

$53306107^{10} \Rightarrow 89 \cdot 617 \cdot 43781 \cdot p_{68},\ B_1 = 272$

$p_{68}^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 89^2 \cdot 109^6 \cdot 113^2$

$p_{68}^4,\ B_2 = 543$

$53306107^{12} \Rightarrow 79 \cdot 21155863 \cdot 6250747829 \cdot 18038601283 \cdot 28490674369 \cdot P_{53},\ B_1 = 319$

$53306107^{16} \Rightarrow 7147313659402455925710922 09 \cdot n,\ B_1 = 315$

$53306107^{18} \Rightarrow 457 \cdot n,\ B_1 = 321;\ \ q^{22},\ B_2 = 339$

$109^{10} \Rightarrow 9967 \cdot p_{17},\ B_1 = 80$

$p_{17}^2 \Rightarrow 7 \cdot p_{32},\ B_1 = 144$

$p_{32}^2 \Rightarrow 3 \cdot 7 \cdot 103 \cdot 39769 \cdot 118669076287 \cdot 246572137794998563 \cdot p_{28},\ B_1 = 270$

$p_{28}^2 \Rightarrow 3 \cdot n,\ B_1 = 324;\ \ q^4,\ B_3 = 325$

$p_{32}^4 \Rightarrow n,\ B_1 = 336;\ \ q^6,\ B_2 = 382$

$p_{17}^4 \Rightarrow 31 \cdot 421 \cdot P_{62},\ B_1 = 244$

$P_{62}^2 \Rightarrow 3 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 31^2$

$P_{62}^4,\ B_2 = 491$

$p_{17}^6 \Rightarrow 14321189 \cdot 1542487131851 \cdot c_{79},\ B_1 = 263$

$P_{13}^2 \Rightarrow 13 \cdot 1489 \cdot 260671 \cdot P_{15},\ B_1 = 310$

$P_{13}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^6$

$P_{13}^6,\ B_3 = 312$

$p_{17}^{10},\ B_2 = 327$

$109^{12} \Rightarrow 292631 \cdot P_{19},\ B_1 = 93$

$P_{19}^2 \Rightarrow 24967 \cdot 3556843 \cdot p_{28},\ B_1 = 168$

$p_{28}^2 \Rightarrow 3 \cdot 31 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 31^2$

$p_{28}^4 \Rightarrow 311 \cdot n,\ B_1 = 333;\ \ q^6,\ B_2 = 324$

$P_{19}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^6$

$P_{19}^6 \Rightarrow 2219869 \cdot 3329033 \cdot c_{102},\ B_1 = 295$

$3329033^2 \Rightarrow 31 \cdot n,\ B_1 = 310;\ \ q^4,\ B_3 = 308$

$P_{19}^{10},\ B_2 = 379$

$109^{16} \Rightarrow p_{33},\ B_1 = 117$

$p_{33}^2 \Rightarrow 61 \cdot 193 \cdot 337 \cdot 4957 \cdot 1466738347 \cdot 2040500950897 \cdot 30473306430913 \cdot p_{20},\ B_1 = 247$

$p_{20}^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 61^2 \cdot 109^{16}$

$p_{20}^4 \Rightarrow 11 \ldots,\ S\ \ 3^2 \cdot 7^6 \cdot 11^2 \cdot 13^2$

$p_{20}^6,\ B_3 = 327$

$p_{33}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^6$

$p_{33}^6,\ B_2 = 391$

$109^{18} \Rightarrow 1787 \cdot p_{34},\ B_1 = 129$

$p_{34}^2 \Rightarrow 7 \cdot 13 \cdot 643407868800790858293439 \cdot P_{42},\ B_1 = 259$

$P_{42}^2 \Rightarrow 3 \cdot 7 \cdot n,\ B_1 = 341;\ \ q^4,\ B_3 = 341$

$p_{34}^4 \Rightarrow 11 \ldots,\ S\ \ 3^2 \cdot 7^6 \cdot 11^2 \cdot 13^2$

$p_{34}^6,\ B_2 = 401$

$109^{22} \Rightarrow 5521 \cdot 7039 \cdot 454297 \cdot p_{32},\ B_1 = 154$

$p_{32}^2 \Rightarrow 7 \cdot 37 \cdot 440569 \cdot 2683339 \cdot 59750443 \cdot 925071421 \cdot 2713451437 \cdot p_{23},\ B_1 = 278$

$p_{23}^2 \Rightarrow 3 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 37^2$

$p_{23}^4,\ B_3 = 323$

$p_{32}^4 \Rightarrow 31 \cdot n,\ B_1 = 345;\ \ q^6,\ B_2 = 378$

$109^{28} \Rightarrow 7193 \cdot 73951 \cdot 22601114563 \cdot p_{38},\ B_1 = 190$

$p_{38}^2 \Rightarrow 3 \cdot 1260633373 \cdot p_{67},\ B_1 = 342;\ \ q^4,\ B_2 = 303$

$109^{30} \Rightarrow 373 \cdot 209623 \cdot 118912328583511 \cdot P_{40},\ B_1 = 203$

$P_{40}^2 \Rightarrow 3 \cdot 7 \cdot 2473 \cdot 81667 \cdot 391902413587 \cdot n,\ B_1 = 300;\ \ q^4,\ B_2 = 313$

$109^{36} \Rightarrow 2591 \cdot 3923 \cdot 243921354057313 \cdot p_{52},\ B_1 = 239$

$p_{52}^2 \Rightarrow 3 \cdot n,\ B_1 = 344;\ \ q^4,\ B_2 = 415$

$109^{40} \Rightarrow 83 \cdot 191791191006448503296918040 1 \cdot P_{53},\ B_1 = 264$

$P_{53}^2 \Rightarrow 3 \cdot 13 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 83^2 \cdot 109^{40} \cdot 263^2$

$P_{53}^4,\ B_2 = 418$

$109^{42} \Rightarrow 173 \cdot 10321 \cdot 1030577145377926171 \cdot 39700567001926232366479 \cdot P_{39},\ B_1 = 276$

$P_{39}^2 \Rightarrow 7 \cdot 13 \cdot n,\ B_1 = 351;\ \ q^4,\ B_3 = 353$

$109^{46} \Rightarrow 650669 \cdot 180271497436886113 \cdot 266974535050755482069037661559 \cdot p_{42},\ B_1 = 300$

$109^{52} \Rightarrow 14077036453633284499609918 1411 \cdot P_{77},\ B_1 = 337$

$109^{58} \Rightarrow 21713 \cdot c_{114},\ B_1 = 260$

$21713^2 \Rightarrow 13 \cdot 36267391,\ B_1 = 275$

$36267391^2 \Rightarrow 3 \cdot 97 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 97^2 \cdot 109^{58} \cdot 263^2$

$36267391^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^6$

$36267391^6,\ B_3 = 305$

$21713^4 \Rightarrow 61 \cdot p_{16},\ B_1 = 303$

$21713^6 \Rightarrow 43 \cdot n,\ B_1 = 305$

$21713^{10} \Rightarrow n,\ B_1 = 338;\ \ q^{12},\ B_3 = 303$

$109^{60} \Rightarrow 3525224520255912703850 51 \cdot P_{99},\ B_1 = 386$

$109^{66} \Rightarrow 2991005432194369 \cdot 3296412882698629 \cdot n,\ B_1 = 319$

$109^{70} \Rightarrow n,\ B_1 = 304$

$109^{72} \Rightarrow 293 \cdot 439 \cdot n,\ B_1 = 318;\ \ q^{78},\ B_2 = 317$

$263^4 \Rightarrow 4802611441,\ B_1 = 41$

$4802611441^2 \Rightarrow 3 \cdot 103 \cdot 151 \cdot 223 \cdot 10651 \cdot 208124989,\ B_1 = 80$

$208124989^2 \Rightarrow 3 \cdot 7 \cdot 37 \cdot P_{14},\ B_1 = 111$

$P_{14}^2 \Rightarrow 3 \cdot 7 \cdot 67 \cdot 17299 \cdot 1578961 \cdot 1692337 \cdot 47783893,\ B_1 = 164$

$47783893^2 \Rightarrow 3 \cdot 67 \cdot 73 \cdot 463 \cdot 336095857,\ B_1 = 190$

$336095857^2 \Rightarrow 3 \cdot 963499 \cdot 39079931731,\ B_1 = 224$

$39079931731^2 \Rightarrow 3 \cdot 13 \ldots,\ S\ \ 3^8 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 37^2$

$39079931731^4 \Rightarrow 5 \ldots,\ S\ \ 3^8 \cdot 5^2 \cdot 7^6$

$39079931731^6 \Rightarrow 7 \cdot 29 \cdot 71 \cdot n,\ B_1 = 329;\ \ q^{10},\ B_3 = 309$

$336095857^4 \Rightarrow 11 \ldots,\ S\ \ 3^6 \cdot 7^6 \cdot 11^2 \cdot 29^2 \cdot 37^2$

$336095857^6 \Rightarrow 3741053 \cdot 26644367 \cdot 89097843899 \cdot P_{27},\ B_1 = 326$

$336095857^{10} \Rightarrow 23 \ldots,\ S\ \ 3^6 \cdot 7^6 \cdot 23^2 \cdot 29^2 \cdot 37^2 \cdot 67^2 \cdot 73^2$

$336095857^{12} \Rightarrow 521 \cdot n,\ B_1 = 380;\ \ q^{16},\ B_3 = 309$

$47783893^4 \Rightarrow 11 \ldots,\ S\ \ 3^6 \cdot 7^6 \cdot 11^2 \cdot 29^2 \cdot 37^2$

$47783893^6 \Rightarrow 127 \ldots,\ D$

$47783893^{10} \Rightarrow 23 \ldots,\ S\ \ 3^6 \cdot 7^6 \cdot 23^2 \cdot 29^2 \cdot 37^2 \cdot 67^2 \cdot 103^2 \cdot 151^2$

$47783893^{12} \Rightarrow 13 \ldots,\ S\ \ 3^6 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 37^2$

$47783893^{16} \Rightarrow 103 \cdot 137 \cdot n,\ B_1 = 394$

$47783893^{18} \Rightarrow n,\ B_1 = 425;\ \ q^{22},\ B_2 = 337$

$P_{14}^4 \Rightarrow 11 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 11^2 \cdot 29^2 \cdot 37^2$

$P_{14}^6 \Rightarrow 66624281560866949451780 9089 \cdot p_{56},\ B_1 = 330$

$P_{14}^{10} \Rightarrow 859 \cdot n,\ B_1 = 361;\ \ q^{12},\ B_2 = 329$

$208124989^4 \Rightarrow 41 \cdot 1471 \cdot P_{29},\ B_1 = 163$

$P_{29}^2 \Rightarrow 3\cdot 7\cdot 2089\cdot 18451\cdot P_{49},\ B_1 = 274$

$P_{49}^2 \Rightarrow 19\ldots,\ D$

$P_{49}^4,\ B_2 = 384$

$P_{29}^4 \Rightarrow 5\ldots,\ S\ \ 3^4\cdot 5^2\cdot 7^6$

$P_{29}^6,\ B_2 = 341$

$208124989^6 \Rightarrow 59501891\cdot p_{43},\ B_1 = 213$

$p_{43}^2 \Rightarrow 211213\cdot n,\ B_1 = 303;\ \ q^4,\ B_2 = 337$

$208124989^{10} \Rightarrow 23\cdot 89\cdot 545392189\cdot p_{72},\ B_1 = 313$

$208124989^{12} \Rightarrow 1951\cdot 275783\cdot 44056029473\cdot$
$2486747318491 9\cdot 1169222958788130 91603\cdot p_{47},\ B_1 = 363$

$208124989^{16} \Rightarrow n,\ B_1 = 329$

$208124989^{18} \Rightarrow n,\ B_1 = 363;\ \ q^{22},\ B_2 = 366$

$4802611441^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^6$

$4802611441^6 \Rightarrow 6007\cdot 1983409\cdot 60895591\cdot 1743121795086528665 3\cdot P_{21},\ B_1 = 196$

$P_{21}^2 \Rightarrow 1864900309\cdot p_{33},\ B_1 = 280$

$p_{33}^2 \Rightarrow 19\ldots,\ D;\ \ q^4,\ B_3 = 345$

$P_{21}^4 \Rightarrow n,\ B_1 = 322$

$P_{21}^6 \Rightarrow 127\ldots,\ D;\ \ q^{10},\ B_2 = 419$

$4802611441^{10} \Rightarrow 11\cdot 23\ldots,\ S\ \ 3^2\cdot 7^6\cdot 11^2\cdot 23^2\cdot 29^2$

$4802611441^{12} \Rightarrow 340913\cdot c_{111},\ B_1 = 260$

$340913^2 \Rightarrow 116222014483,\ B_1 = 282$

$116222014483^2 \Rightarrow 3\cdot 13\cdot 79\cdot 199\cdot n,\ B_1 = 310;\ \ q^4,\ B_3 = 304$

$340913^4 \Rightarrow p_{23},\ B_1 = 315$

$340913^6 \Rightarrow 211\cdot n,\ B_1 = 317;\ \ q^{10},\ B_3 = 304$

$4802611441^{16},\ B_2 = 309$

$263^6 \Rightarrow 239\cdot 7211\cdot 192750517,\ B_1 = 56$

$192750517^2 \Rightarrow 3\cdot 157189\cdot 78785754721,\ B_1 = 89$

$78785754721^2 \Rightarrow 3\cdot 7\cdot 434479\cdot p_{15},\ B_1 = 130$

$p_{15}^2 \Rightarrow 3\cdot 7\cdot 13\cdot 73\cdot 97\ldots,\ S\ \ 3^6\cdot 7^6\cdot 13^2\cdot 29^2\cdot 73^2\cdot 97^2$

$p_{15}^4 \Rightarrow 11\cdot 6010211\cdot p_{52},\ B_1 = 278$

$p_{52}^2 \Rightarrow n,\ B_1 = 381;\ \ q^4,\ B_2 = 412$

$p_{15}^6 \Rightarrow 29\cdot 421\cdot 63659\cdot 46101931\cdot 17354266853252267\cdot n,\ B_1 = 308$

$p_{15}^{10} \Rightarrow 23\cdot n,\ B_1 = 398;\ \ q^{12},\ B_2 = 355$

$78785754721^4 \Rightarrow 5\ldots,\ S\ \ 3^4\cdot 5^2\cdot 7^6$

$78785754721^6 \Rightarrow 29\cdot 82091250809\cdot 576203886859634466 17\cdot P_{34},\ B_1 = 260$

$P_{34}^2 \Rightarrow n,\ B_1 = 327;\ \ q^4,\ B_3 = 327$

$78785754721^{10} \Rightarrow 23\cdot 67\cdot c_{106},\ B_1 = 288$

$67^2 \Rightarrow 3\cdot 7^2\cdot 31,\ B_1 = 291$

$31^2 \Rightarrow 3\ldots,\ S\ \ 3^6\cdot 7^6\cdot 23^2\cdot 29^2\cdot 31^2\cdot 67^2\cdot 239^2\cdot 263^6$

$31^4 \Rightarrow 5\ldots,\ S\ \ 3^4\cdot 5^2\cdot 7^6$

$31^6 \Rightarrow n,\ B_1 = 306;\ \ q^{10},\ B_3 = 303$

$67^4 \Rightarrow 761\cdot n,\ B_1 = 302$

$67^6 \Rightarrow n,\ B_1 = 306;\ \ q^{10},\ B_3 = 303$

$78785754721^{12} \Rightarrow n,\ B_1 = 329;\ \ q^{16},\ B_2 = 348$

$192750517^4 \Rightarrow 11\cdot 1291\cdot 20065811\cdot P_{22},\ B_1 = 139$

$P_{22}^2 \Rightarrow 13^2\ldots,\ S\ \ 3^2\cdot 7^6\cdot 11^2\cdot 13^2$

$P_{22}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^6$

$P_{22}^6 \Rightarrow 29\cdot n,\ B_1 = 354;\ \ q^{10},\ B_2 = 433$

$192750517^6 \Rightarrow 7\cdot 29\cdot 661459\cdot 1389277\cdot 557597259471113\cdot P_{21},\ B_1 = 184$

$P_{21}^2 \Rightarrow 3\cdot 894547\cdot 38655559\cdot 64525231\cdot p_{20},\ B_1 = 266$

$p_{20}^2 \Rightarrow 3\cdot 73\cdot n,\ B_1 = 307;\ \ q^4,\ B_3 = 306$

$P_{21}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^6$

$P_{21}^6 \Rightarrow 7\cdot n,\ B_1 = 390;\ \ q^{10},\ B_2 = 413$

$192750517^{10} \Rightarrow 23\cdot 13003\cdot 972313\cdot P_{72},\ B_1 = 288$

$P_{72}^2 \Rightarrow 3 \cdot 229 \cdot n,\ B_1 = 433;\ \ q^4,\ B_2 = 571$

$192750517^{12} \Rightarrow 59907966081853268688488 93 \cdot p_{75},\ B_1 = 337$

$192750517^{16} \Rightarrow n,\ B_1 = 304$

$192750517^{18} \Rightarrow 19\ldots,\ D;\ \ q^{22},\ B_2 = 364$

$263^{10} \Rightarrow 67 \cdot 7591 \cdot p_{19},\ B_1 = 85$

$p_{19}^2 \Rightarrow 19\ldots,\ D$

$p_{19}^4 \Rightarrow 71 \cdot 151 \cdot 691 \cdot 26881 \cdot P_{63},\ B_1 = 270$

$P_{63}^2 \Rightarrow 3 \cdot 7 \cdot n,\ B_1 = 395;\ \ q^4,\ B_2 = 501$

$p_{19}^6 \Rightarrow 7 \cdot 629567 \cdot 307977209 \cdot c_{96},\ B_1 = 283$

$307977209^2 \Rightarrow 73 \cdot n,\ B_1 = 302;\ \ q^4,\ B_3 = 300$

$p_{19}^{10},\ B_2 = 369$

$263^{12} \Rightarrow 677 \cdot 301211 \cdot P_{21},\ B_1 = 99$

$P_{21}^2 \Rightarrow 3 \cdot 5599146555434347 \cdot p_{26},\ B_1 = 182$

$p_{26}^2 \Rightarrow 3 \cdot 203073141373 \cdot 100317748567029943 \cdot P_{22},\ B_1 = 282$

$P_{22}^2 \Rightarrow 3 \cdot n,\ B_1 = 326;\ \ q^4,\ B_3 = 326$

$p_{26}^4 \Rightarrow 11 \cdot 31\ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 11^2 \cdot 29^2 \cdot 31^2$

$p_{26}^6,\ B_2 = 302$

$P_{21}^4 \Rightarrow 131 \cdot P_{81},\ B_1 = 307$

$P_{21}^6 \Rightarrow 113 \cdot n,\ B_1 = 309;\ \ q^{10},\ B_2 = 414$

$263^{16} \Rightarrow 84004624433 \cdot 13016527353881 \cdot p_{15},\ B_1 = 128$

$p_{15}^2 \Rightarrow 19\ldots,\ D$

$p_{15}^4 \Rightarrow 57041 \cdot p_{54},\ B_1 = 275$

$p_{54}^2 \Rightarrow 3 \cdot n,\ B_1 = 384;\ \ q^4,\ B_2 = 431$

$p_{15}^6 \Rightarrow 29 \cdot 1112777 \cdot P_{81},\ B_1 = 360$

$p_{15}^{10} \Rightarrow 67 \cdot n,\ B_1 = 394;\ \ q^{12},\ B_2 = 352$

$263^{18} \Rightarrow p_{44},\ B_1 = 143$

$p_{44}^2 \Rightarrow 3 \cdot 73 \cdot p_{85},\ B_1 = 317;\ \ q^4,\ B_2 = 348$

$263^{22} \Rightarrow 47 \cdot 5107 \cdot 272509811686691 \cdot P_{34},\ B_1 = 172$

$P_{34}^2 \Rightarrow 3 \cdot 1321 \cdot 1647035419 \cdot p_{55},\ B_1 = 306$

$P_{34}^4 \Rightarrow 31 \cdot n,\ B_1 = 374;\ \ q^6,\ B_2 = 401$

$263^{28} \Rightarrow 59 \cdot 349 \cdot 18308281 \cdot 46818679613 \cdot P_{46},\ B_1 = 215$

$P_{46}^2 \Rightarrow 3 \cdot 13 \cdot 109\ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 59^2 \cdot 109^2$

$P_{46}^4,\ B_2 = 364$

$263^{30} \Rightarrow 57845061941 \cdot 2367108092435807 36963 \cdot P_{42},\ B_1 = 230$

$P_{42}^2 \Rightarrow 3 \cdot 61 \cdot n,\ B_1 = 315;\ \ q^4,\ B_2 = 331$

$263^{36} \Rightarrow 149 \cdot 2395461919 \cdot 845288279637589133837557777 86350642189 \cdot P_{39},\ B_1 = 273$

$P_{39}^2 \Rightarrow 7 \cdot 13^2 \cdot n,\ B_1 = 350;\ \ q^4,\ B_3 = 351$

$263^{40} \Rightarrow 45025709 \cdot 392376151 \cdot 181627957627 \cdot p_{70},\ B_1 = 303$

$263^{42} \Rightarrow 1033 \cdot 63135869 \cdot 150244794430249657 \cdot p_{74},\ B_1 = 317$

$263^{46} \Rightarrow 6581 \cdot 864707 \cdot P_{102},\ B_1 = 346$

$263^{52} \Rightarrow 107 \cdot 41385194479 \cdot 204835601192743 \cdot 12066211624652794 68049 \cdot P_{78},\ B_1 = 390$

$263^{58} \Rightarrow 1181 \cdot 4013 \cdot 50387 \cdot 3369727 \cdot n,\ B_1 = 311$

$263^{60} \Rightarrow 733 \cdot n,\ B_1 = 305;\ \ q^{66},\ B_2 = 319$

$4733^2 \Rightarrow 22406023,\ B_1 = 28$

$22406023^2 \Rightarrow 19\ldots,\ D$

$22406023^4 \Rightarrow 304018940824561 \cdot p_{15},\ B_1 = 88$

$p_{15}^1 \Rightarrow 3 \cdot P_{15},\ B_1 = 117$

$P_{15}^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot 14449 \cdot p_{22},\ B_1 = 171$

$p_{22}^2 \Rightarrow 3 \cdot 7 \cdot 43\ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 43^2$

$p_{22}^4 \Rightarrow 5\ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^6$

$p_{22}^6 \Rightarrow 71 \cdot n,\ B_1 = 390;\ \ q^{10},\ B_2 = 433$

$P_{15}^4 \Rightarrow 11 \cdot 41 \cdot 2221 \cdot 2588804904695908 55111 \cdot p_{31},\ B_1 = 259$

$p_{31}^2 \Rightarrow 19\ldots,\ D$

$p_{31}^4,\ B_3 = 319$

$P_{15}^{6} \Rightarrow 34259 \cdot c_{81},\ B_1 = 263$

$34259^{2} \Rightarrow 709 \cdot 1655449,\ B_1 = 281$

$1655449^{2} \Rightarrow 3 \cdot 13 \cdot 6679 \cdot 10520971,\ B_1 = 305$

$1655449^{4} \Rightarrow 11 \cdot n,\ B_1 = 320;\ \ q^{6},\ B_3 = 306$

$34259^{4} \Rightarrow 11 \cdot 31 \cdot 967391 \cdot 4175947051,\ B_1 = 309$

$34259^{6} \Rightarrow 7 \cdot 71 \cdot 197 \cdot n,\ B_1 = 312;\ \ q^{10},\ B_3 = 300$

$P_{15}^{10} \Rightarrow n,\ B_1 = 372;\ \ q^{12},\ B_2 = 339$

$p_{15}^{2} \Rightarrow 7 \cdot 307 \cdot 1543 \cdot 301681 \cdot p_{18},\ B_1 = 143$

$p_{18}^{1} \Rightarrow 5 \cdot 37 \cdot 299521 \cdot 6199228913,\ B_1 = 178$

$6199228913^{2} \Rightarrow 307 \cdot 4783 \cdot 928099 \cdot 28199557,\ B_1 = 212$

$28199557^{2} \Rightarrow 3 \ldots,\ S\ \ 3^{2} \cdot 5^{2} \cdot 7^{6}$

$28199557^{4} \Rightarrow 31 \cdot 1349811751 \cdot p_{20},\ B_1 = 287$

$p_{20}^{2} \Rightarrow 7 \cdot 157 \cdot 661 \cdot n,\ B_1 = 329;\ \ q^{4},\ B_3 = 325$

$28199557^{6} \Rightarrow 7 \cdot 4733 \cdot 56466360497 \cdot 258785988581 \cdot p_{19},\ B_1 = 323$

$28199557^{10} \Rightarrow 11 \cdot 23 \cdot 199 \cdot n,\ B_1 = 351$

$28199557^{12} \Rightarrow 599 \cdot n,\ B_1 = 379;\ \ q^{16},\ B_3 = 317$

$6199228913^{4} \Rightarrow 11 \cdot P_{39},\ B_1 = 276$

$P_{39}^{2} \Rightarrow 19 \ldots,\ D;\ \ q^{4},\ B_3 = 352$

$6199228913^{6} \Rightarrow 29 \cdot 43 \cdot 71 \cdot 14029 \cdot 279413 \cdot 481153 \cdot 170455321 \cdot P_{31},\ B_1 = 332$

$6199228913^{10} \Rightarrow 331 \cdot 881 \cdot n,\ B_1 = 360$

$6199228913^{12} \Rightarrow 157 \cdot n,\ B_1 = 396;\ \ q^{16},\ B_3 = 315$

$p_{18}^{2} \Rightarrow 19 \ldots,\ D$

$p_{18}^{4} \Rightarrow 11 \cdot 181 \cdot 3541 \cdot 6256017851 \cdot 54297214168168410671 \cdot P_{35},\ B_1 = 325$

$p_{18}^{6} \Rightarrow 71^{2} \cdot n,\ B_1 = 325;\ \ q^{10},\ B_2 = 356$

$p_{15}^{4} \Rightarrow 5 \cdot 41 \cdot 151 \cdot 17426141 \cdot 287035019479541 \cdot P_{34},\ B_1 = 238$

$P_{34}^{2} \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^{2} \cdot 5 \cdot 7^{6}$

$P_{34}^{4},\ B_3 = 305$

$p_{15}^{6} \Rightarrow 29 \cdot 49477 \cdot 709140083 \cdot c_{75},\ B_1 = 250$

$709140083^{2} \Rightarrow 43 \cdot 229 \cdot 751 \cdot 68001766309,\ B_1 = 285$

$68001766309^{1} \Rightarrow 5 \cdot 89 \cdot n,\ B_1 = 302$

$68001766309^{2} \Rightarrow 3 \cdot 13 \cdot 31 \cdot n,\ B_1 = 310;\ \ q^{4},\ B_3 = 307$

$709140083^{4} \Rightarrow 11 \cdot 101 \cdot n,\ B_1 = 306$

$709140083^{6} \Rightarrow 7 \cdot n,\ B_1 = 337;\ \ q^{10},\ B_3 = 321$

$p_{15}^{10} \Rightarrow n,\ B_1 = 357;\ \ q^{12},\ B_2 = 358$

$22406023^{6} \Rightarrow 211 \cdot 449 \cdot 62316423268709 \cdot P_{26},\ B_1 = 133$

$P_{26}^{2} \Rightarrow 3 \cdot 5674020528076214323 \cdot p_{32},\ B_1 = 217$

$p_{32}^{1} \Rightarrow 6899 \cdot 9817 \cdot 77724433 \cdot P_{16},\ B_1 = 279$

$P_{16}^{2} \Rightarrow n,\ B_1 = 310;\ \ q^{4},\ B_3 = 310$

$p_{32}^{2} \Rightarrow 3 \cdot 7 \cdot 43 \cdot 379 \cdot 487 \cdot n,\ B_1 = 303$

$p_{32}^{4} \Rightarrow n,\ B_1 = 423;\ \ q^{6},\ B_2 = 377$

$P_{26}^{4} \Rightarrow 11 \cdot c_{101},\ B_1 = 286$

$11^{2} \Rightarrow 19 \ldots,\ D$

$11^{4} \Rightarrow 5 \cdot 3221,\ B_1 = 297$

$3221^{1} \Rightarrow 3^{2} \ldots,\ S\ \ 3^{2} \cdot 5^{2} \cdot 7^{6}$

$3221^{2} \Rightarrow n,\ B_1 = 304;\ \ q^{4},\ B_3 = 304$

$11^{6} \Rightarrow 43 \cdot 45319,\ B_1 = 303$

$11^{10} \Rightarrow n,\ B_1 = 305$

$11^{12} \Rightarrow n,\ B_1 = 309;\ \ q^{16},\ B_3 = 301$

$P_{26}^{6},\ B_2 = 303$

$22406023^{10} \Rightarrow 219900698580377 \cdot 108158618888829697 \cdot p_{43},\ B_1 = 193$

$p_{43}^{1} \Rightarrow 31 \cdot 43 \cdot 131 \cdot 43359863501369 \cdot P_{23},\ B_1 = 277$

$P_{23}^{2} \Rightarrow 3 \cdot 43 \cdot n,\ B_1 = 322;\ \ q^{4},\ B_3 = 323$

$p_{43}^{2} \Rightarrow 3 \cdot 7 \cdot 67 \cdot 331 \cdot n,\ B_1 = 307;\ \ q^{4},\ B_2 = 337$

$22406023^{12} \Rightarrow 131 \cdot 7151 \cdot 27431 \cdot 1387316421628980379392798285773976 01 \cdot P_{43},\ B_1 = 244$

5473: $P_{43}^2 \Rightarrow 7 \cdot 379 \cdot 829 \cdot 937 \cdot n,\ B_1 = 337;\ \ q^4,\ B_2 = 341$

5475: $22406023^{16} \Rightarrow 4421 \cdot p_{114},\ B_1 = 254$

5476: $p_{114}^1 \Rightarrow 31 \cdot n,\ B_1 = 369;\ \ q^2,\ B_2 = 455$

5478: $22406023^{18} \Rightarrow 2243 \cdot 9040429 \cdot 2561624993 \cdot$
$562313756666209162383347 \cdot n,\ B_1 = 314;\ \ q^{22},\ B_2 = 323$

5480: $4733^4 \Rightarrow 11 \cdot 41 \cdot 101 \cdot 11018941331,\ B_1 = 50$

5481: $11018941331^2 \Rightarrow 19 \ldots,\ D$

5482: $11018941331^4 \Rightarrow 5 \cdot 1553418542761 \cdot p_{28},\ B_1 = 125$

5483: $p_{28}^1 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^6$

5484: $p_{28}^2 \Rightarrow 13 \cdot 2593 \cdot 25801 \cdot 19530259896031 \cdot p_{33},\ B_1 = 229$

5485: $p_{33}^1 \Rightarrow 36256214699 \cdot p_{22},\ B_1 = 293$

5486: $p_{22}^2 \Rightarrow 13^2 \cdot 61 \cdot n,\ B_1 = 338;\ \ q^4,\ B_3 = 336$

5488: $p_{33}^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^6$

5489: $p_{33}^4,\ B_3 = 314$

5490: $p_{28}^4 \Rightarrow 5 \cdot n,\ B_1 = 303;\ \ q^6,\ B_2 = 327$

5492: $11018941331^6 \Rightarrow 113 \cdot 60089 \cdot 1767059981 \cdot p_{45},\ B_1 = 168$

5493: $p_{45}^1 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 7^6 \cdot 11^2 \cdot 29^2 \cdot 41^2 \cdot 101^2 \cdot 113^2$

5494: $p_{45}^2 \Rightarrow 13 \cdot 61 \cdot 20593 \cdot c_{82},\ B_1 = 299$

5495: $20593^1 \Rightarrow 7 \cdot n,\ B_1 = 307$

5496: $20593^2 \Rightarrow 127 \ldots,\ D$

5497: $20593^4,\ B_3 = 307$

5498: $p_{45}^4,\ B_2 = 353$

5499: $11018941331^{10} \Rightarrow 23 \cdot 617 \cdot 912385059100461421 21 \cdot P_{77},\ B_1 = 313$

5500: $11018941331^{12} \Rightarrow 157 \cdot 2029 \cdot 13963 \cdot P_{111},\ B_1 = 390;\ \ q^{16},\ B_2 = 321$

5502: $4733^6 \Rightarrow 7 \cdot 70001 \cdot 69655517 \cdot 329422297,\ B_1 = 63$

5503: $329422297^1 \Rightarrow 4663 \cdot 35323,\ B_1 = 80$

5504: $35323^2 \Rightarrow 3 \cdot 73 \cdot 5697487,\ B_1 = 98$

5505: $5697487^2 \Rightarrow 3 \cdot 13 \cdot 832342661863,\ B_1 = 124$

5506: $832342661863^2 \Rightarrow 3 \cdot 43 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 43^2$

5507: $832342661863^4 \Rightarrow 11^2 \ldots,\ S\ \ 3^2 \cdot 7^6 \cdot 11^2 \cdot 13^2$

5508: $832342661863^6 \Rightarrow 9559271 \cdot 67857161 \cdot P_{57},\ B_1 = 315$

5509: $832342661863^{10} \Rightarrow 23 \cdot 67 \ldots,\ S\ \ 3^2 \cdot 7^6 \cdot 13^2 \cdot 23^2 \cdot 29^2 \cdot 67^2$

5510: $832342661863^{12} \Rightarrow n,\ B_1 = 386;\ \ q^{16},\ B_2 = 381$

5512: $5697487^4 \Rightarrow 11^2 \cdot 811 \cdot 13626931 \cdot p_{15},\ B_1 = 164$

5513: $p_{15}^2 \Rightarrow 7 \cdot 1776169 \cdot p_{23},\ B_1 = 221$

5514: $p_{23}^2 \Rightarrow 3 \cdot 7 \cdot 992857 \cdot P_{39},\ B_1 = 310$

5515: $p_{23}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^6$

5516: $p_{23}^6,\ B_3 = 312$

5517: $p_{15}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^6$

5518: $p_{15}^6 \Rightarrow 43 \cdot n,\ B_1 = 314$

5519: $p_{15}^{10} \Rightarrow n,\ B_1 = 432;\ \ q^{12},\ B_2 = 357$

5521: $5697487^6 \Rightarrow 1857521 \cdot 37560081497 \cdot p_{24},\ B_1 = 206$

5522: $p_{24}^2 \Rightarrow 3 \cdot 13 \cdot 67 \cdot 10481156797 \cdot P_{34},\ B_1 = 300$

5523: $p_{24}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^6$

5524: $p_{24}^6,\ B_3 = 301$

5525: $5697487^{10} \Rightarrow 8222080483 \cdot 90475725020934551 \cdot p_{41},\ B_1 = 287$

5526: $p_{41}^2 \Rightarrow 3 \cdot n,\ B_1 = 368;\ \ q^4,\ B_3 = 369$

5528: $5697487^{12} \Rightarrow p_{82},\ B_1 = 328$

5529: $5697487^{16} \Rightarrow n,\ B_1 = 301$

5530: $5697487^{18} \Rightarrow 457 \cdot n,\ B_1 = 330$

5531: $5697487^{22} \Rightarrow 47 \cdot n,\ B_1 = 383;\ \ q^{28},\ B_2 = 378$

5533: $35323^4 \Rightarrow 4241 \cdot p_{15},\ B_1 = 125$

5534: $p_{15}^2 \Rightarrow 3 \cdot 7 \cdot 43 \cdot 103 \cdot 439 \cdot p_{22},\ B_1 = 182$

5535: $p_{22}^2 \Rightarrow 3 \cdot 367 \cdot 12174277 \cdot 33819607 \cdot p_{26},\ B_1 = 267$

5536: $p_{26}^2 \Rightarrow 3\cdot 7\cdot 37\cdot 277\cdot 613\cdot n,\ B_1 = 324;\ \ q^4,\ B_3 = 318$

5538: $p_{22}^4 \Rightarrow 11\cdot n,\ B_1 = 312$

5539: $p_{22}^6 \Rightarrow 43\cdot n,\ B_1 = 395;\ \ q^{10},\ B_2 = 430$

5541: $p_{15}^4 \Rightarrow 5\cdot 133201\cdot p_{53},\ B_1 = 271$

5542: $p_{53}^2 \Rightarrow 3\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^6$

5543: $p_{53}^4,\ B_2 = 419$

5544: $p_{15}^6 \Rightarrow 197\cdot 743\cdot 5573\cdot 316471\cdot 36433433\cdot$
$117499870889966439666547195 73\cdot P_{38},\ B_1 = 358$

5545: $p_{15}^{10} \Rightarrow 67\cdot n,\ B_1 = 389;\ \ q^{12},\ B_2 = 349$

5547: $35323^6 \Rightarrow 7\cdot 106961\cdot 961003\cdot p_{16},\ B_1 = 151$

5548: $p_{16}^2 \Rightarrow 13171\cdot 13963\cdot 114090284521\cdot 347354507611,\ B_1 = 213$

5549: $347354507611^2 \Rightarrow 3\cdot 3877\cdot P_{20},\ B_1 = 259$

5550: $P_{20}^2 \Rightarrow 3\cdot 7\cdot 61\cdot p_{35},\ B_1 = 332$

5551: $P_{20}^4 \Rightarrow 11\cdot 31\cdot n,\ B_1 = 375;\ \ q^6,\ B_3 = 335$

5553: $347354507611^4 \Rightarrow 5\cdot 41\cdot 211\cdot 4959816321185130 84331\cdot p_{21},\ B_1 = 328$

5554: $347354507611^6 \Rightarrow 449\cdot n,\ B_1 = 331;\ \ q^{10},\ B_3 = 305$

5556: $p_{16}^4 \Rightarrow 11\cdot 18691\cdot 60611\cdot 83759132621\cdot P_{41},\ B_1 = 305$

5557: $p_{16}^6 \Rightarrow 7\cdot 463\cdot 617\cdot n,\ B_1 = 310;\ \ q^{10},\ B_2 = 308$

5559: $35323^{10} \Rightarrow 23\cdot 67\cdot 11655689\cdot p_{36},\ B_1 = 207$

5560: $p_{36}^2 \Rightarrow 5685061\cdot P_{64},\ B_1 = 348$

5561: $p_{36}^4 \Rightarrow 151\cdot n,\ B_1 = 421;\ \ q^6,\ B_2 = 422$

5563: $35323^{12} \Rightarrow 79^2\cdot 131\cdot P_{49},\ B_1 = 231$

5564: $P_{49}^2 \Rightarrow 31^2\cdot n,\ B_1 = 328;\ \ q^4,\ B_2 = 389$

5566: $35323^{16} \Rightarrow 1327\cdot 2745637\cdot 188687614377852581876705 5412399\cdot p_{33},\ B_1 = 289$

5567: $p_{33}^2 \Rightarrow 3\cdot 13\cdot 229\cdot n,\ B_1 = 359;\ \ q^4,\ B_3 = 355$

5569: $35323^{18} \Rightarrow 229\cdot 192372996793\cdot$
$85934943333601\cdot 10896298221444977776 99707\cdot P_{32},\ B_1 = 316$

5570: $35323^{22} \Rightarrow 200009\cdot 1827356218965401\cdot p_{80},\ B_1 = 371$

5571: $35323^{28} \Rightarrow 29\cdot 59\cdot n,\ B_1 = 326$

5572: $35323^{30} \Rightarrow 683\cdot n,\ B_1 = 346;\ \ q^{36},\ B_2 = 327$

5574: $329422297^2 \Rightarrow 3\cdot 13\cdot 397\cdot 1423\cdot 2131\cdot 2311333,\ B_1 = 98$

5575: $2311333^1 \Rightarrow 41\cdot 71\cdot 397,\ B_1 = 107$

5576: $397^2 \Rightarrow 3\cdot 31\ldots,\ S\ \ 3^2\cdot 7^6\cdot 13^2\cdot 29^2\cdot 31^2\cdot 41^2$

5577: $397^4 \Rightarrow 24903325661,\ B_1 = 133$

5578: $24903325661^2 \Rightarrow 19\ldots,\ D$

5579: $24903325661^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^6$

5580: $24903325661^6 \Rightarrow 9619\cdot 37641422099\cdot 36243361625362 58426657\cdot P_{27},\ B_1 = 299$

5581: $P_{27}^2 \Rightarrow 3\cdot n,\ B_1 = 351;\ \ q^4,\ B_3 = 351$

5583: $24903325661^{10} \Rightarrow 89\cdot n,\ B_1 = 322$

5584: $24903325661^{12} \Rightarrow 443\cdot n,\ B_1 = 364;\ \ q^{16},\ B_2 = 332$

5586: $397^6 \Rightarrow 127\ldots,\ D$

5587: $397^{10} \Rightarrow 11\ldots,\ S\ \ 3^2\cdot 7^6\cdot 11^2\cdot 13^2$

5588: $397^{12} \Rightarrow p_{32},\ B_1 = 195$

5589: $p_{32}^2 \Rightarrow 3\cdot 4273\cdot 164194741\cdot 613607325187\cdot 11522246673545422753\cdot P_{20},\ B_1 = 319$

5590: $p_{32}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^6$

5591: $p_{32}^6,\ B_2 = 374$

5592: $397^{16} \Rightarrow 137\cdot 55718734439\cdot P_{29},\ B_1 = 226$

5593: $P_{29}^2 \Rightarrow 7\cdot 13\cdot 73\ldots,\ S\ \ 3^2\cdot 7^6\cdot 13^2\cdot 29^2\cdot 41^2\cdot 71^2\cdot 73^2\cdot 137^2$

5594: $P_{29}^4 \Rightarrow n,\ B_1 = 398;\ \ q^6,\ B_2 = 344$

5596: $397^{18} \Rightarrow 931913\cdot 1466672461663237 49467\cdot p_{21},\ B_1 = 242$

5597: $p_{21}^2 \Rightarrow 7\cdot 67\cdot 665299\cdot 713287\cdot P_{27},\ B_1 = 323$

5598: $p_{21}^4 \Rightarrow 11\ldots,\ S\ \ 3^2\cdot 7^6\cdot 11^2\cdot 13^2$

5599: $p_{21}^6,\ B_3 = 324$

5600: $397^{22} \Rightarrow 47\ldots,\ S\ \ 3^2\cdot 7^6\cdot 13^2\cdot 29^2\cdot 41^2\cdot 47^2\cdot 71^2$

5601: $397^{28} \Rightarrow 680327821 \cdot 1099541407503442878349 \cdot p_{43},\ B_1 = 320$
5602: $397^{30} \Rightarrow 29947 \cdot 1325251 \cdot 7466158843523 \cdot 136466165844243967 \cdot P_{38},\ B_1 = 335$
5603: $397^{36} \Rightarrow 399379 \cdot 4828723 \cdot 12742232200073 \cdot n,\ B_1 = 314$
5604: $397^{40} \Rightarrow 83 \cdot n,\ B_1 = 311$
5605: $397^{42} \Rightarrow 173 \cdot n,\ B_1 = 322$
5606: $397^{46} \Rightarrow n,\ B_1 = 340$
5607: $397^{52} \Rightarrow 107 \cdot n,\ B_1 = 374;\ q^{58},\ B_2 = 301$
5609: $2311333^2 \Rightarrow 3 \cdot p_{13},\ B_1 = 118$
5610: $p_{13}^1 \Rightarrow 890377091371,\ B_1 = 142$
5611: $890377091371^2 \Rightarrow 3 \cdot 1567 \cdot 49429 \cdot p_{16},\ B_1 = 190$
5612: $p_{16}^2 \Rightarrow 3 \cdot p_{31},\ B_1 = 251$
5613: $p_{31}^2 \Rightarrow 19 \ldots,\ D$
5614: $p_{31}^4,\ B_3 = 312$
5615: $p_{16}^4 \Rightarrow 101 \cdot 2298641 \cdot 469083374081041 \cdot p_{40},\ B_1 = 345$
5616: $p_{16}^6 \Rightarrow n,\ B_1 = 345;\ q^{10},\ B_3 = 314$
5618: $890377091371^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^6$
5619: $890377091371^6 \Rightarrow 43 \cdot 71 \cdot 10753 \cdot 3742841068583 \cdot 875363152243763401 \cdot P_{34},\ B_1 = 333$
5620: $890377091371^{10} \Rightarrow n,\ B_1 = 357$
5621: $890377091371^{12} \Rightarrow 13 \cdot 131 \cdot n,\ B_1 = 406;\ q^{16},\ B_2 = 382$
5623: $p_{13}^2 \Rightarrow 3 \cdot 7 \cdot 1351093 \cdot 35941459 \cdot 3109622749,\ B_1 = 168$
5624: $3109622749^1 \Rightarrow 5^3 \ldots,\ S\ \ 3^4 \cdot 5^4 \cdot 7^6$
5625: $3109622749^2 \Rightarrow 3 \cdot 7 \cdot P_{18},\ B_1 = 205$
5626: $P_{18}^2 \Rightarrow 3 \cdot 7 \cdot 109 \cdot 16363 \cdot P_{28},\ B_1 = 274$
5627: $P_{28}^2 \Rightarrow 3 \cdot 7 \cdot 37 \ldots,\ S\ \ 3^6 \cdot 7^6 \cdot 13 \cdot 29^2 \cdot 37^2$
5628: $P_{28}^4,\ B_3 = 330$
5629: $P_{18}^4 \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5 \cdot 7^6$
5630: $P_{18}^6 \Rightarrow n,\ B_1 = 382;\ q^{10},\ B_2 = 353$
5632: $3109622749^4 \Rightarrow 31 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13 \cdot 29^2 \cdot 31^2$
5633: $3109622749^6 \Rightarrow 379 \cdot 2521 \cdot 1767808169 \cdot p_{42},\ B_1 = 288$
5634: $p_{42}^1 \Rightarrow 3 \cdot 11 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 11^2 \cdot 13^2$
5635: $p_{42}^2,\ B_3 = 320$
5636: $3109622749^{10} \Rightarrow 23 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13 \cdot 23^2 \cdot 29^2$
5637: $3109622749^{12} \Rightarrow 79 \cdot n,\ B_1 = 381;\ q^{16},\ B_2 = 303$
5639: $p_{13}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^6$
5640: $p_{13}^6 \Rightarrow 29 \cdot 57459319 \cdot 6561487608532081 \cdot p_{49},\ B_1 = 275$
5641: $p_{49}^1 \Rightarrow 3 \cdot 311 \cdot 401 \cdot n,\ B_1 = 329;\ q^2,\ B_3 = 308$
5643: $p_{13}^{10} \Rightarrow 23 \cdot 67 \cdot n,\ B_1 = 346$
5644: $p_{13}^{12} \Rightarrow 13 \cdot n,\ B_1 = 387;\ q^{16},\ B_2 = 392$
5646: $2311333^4 \Rightarrow 31 \cdot 101051 \cdot 84438671 \cdot 107896304231,\ B_1 = 162$
5647: $107896304231^2 \Rightarrow 7 \cdot 114847 \cdot 38272603 \cdot 378361939,\ B_1 = 204$
5648: $378361939^2 \Rightarrow 3 \cdot 7 \cdot 277 \cdot 796819 \cdot 30885607,\ B_1 = 236$
5649: $30885607^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^4 \cdot 7^6 \cdot 13 \cdot 29^2 \cdot 31^2$
5650: $30885607^4 \Rightarrow 11 \ldots,\ S\ \ 3^2 \cdot 7^6 \cdot 11^2 \cdot 13 \cdot 29^2$
5651: $30885607^6 \Rightarrow n,\ B_1 = 311$
5652: $30885607^{10} \Rightarrow 67 \cdot n,\ B_1 = 373;\ q^{12},\ B_3 = 311$
5654: $378361939^4 \Rightarrow 20201 \cdot p_{31},\ B_1 = 268$
5655: $p_{31}^1 \Rightarrow 53 \cdot 331 \ldots,\ S\ \ 3^2 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 31^2 \cdot 53^2 \cdot 331^2 \cdot 397^2$
5656: $p_{31}^2 \Rightarrow 3 \cdot 7 \cdot n,\ B_1 = 349;\ q^4,\ B_3 = 350$
5658: $378361939^6 \Rightarrow 157739 \cdot 30401113 \cdot n,\ B_1 = 303$
5659: $378361939^{10} \Rightarrow 23 \ldots,\ S\ \ 3^2 \cdot 7^6 \cdot 13 \cdot 23^2 \cdot 29^2 \cdot 31^2$
5660: $378361939^{12} \Rightarrow 313 \cdot n,\ B_1 = 395;\ q^{16},\ B_3 = 324$
5662: $107896304231^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^6$
5663: $107896304231^6 \Rightarrow 29 \cdot 631 \cdot 353081 \cdot 2584807 \cdot p_{50},\ B_1 = 293$
5664: $p_{50}^1 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^6$

5665: $p_{50}^2,\ B_3 = 335$

5666: $107896304231^{10} \Rightarrow 11\ldots,\ S\ \ 3^2\cdot 7^6\cdot 11^2\cdot 13\cdot 29^2$

5667: $107896304231^{12} \Rightarrow 13\cdot n,\ B_1 = 403;\ \ q^{16},\ B_2 = 353$

5669: $2311333^6 \Rightarrow 3247842098220887329\cdot P_{20},\ B_1 = 189$

5670: $P_{20}^2 \Rightarrow 3\cdot 64294797649843624 51\cdot p_{21},\ B_1 = 266$

5671: $p_{21}^1 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^6$

5672: $p_{21}^2 \Rightarrow 3\cdot n,\ B_1 = 308;\ \ q^4,\ B_3 = 307$

5674: $P_{20}^4 \Rightarrow 11\ldots,\ S\ \ 3^2\cdot 7^6\cdot 11^2\cdot 13\cdot 29^2$

5675: $P_{20}^6 \Rightarrow 7\cdot n,\ B_1 = 385;\ \ q^{10},\ B_2 = 393$

5677: $2311333^{10} \Rightarrow 419\cdot 28627127\cdot 24071150418835873\cdot P_{38},\ B_1 = 268$

5678: $P_{38}^2 \Rightarrow n,\ B_1 = 342;\ \ q^4,\ B_3 = 342$

5680: $2311333^{12} \Rightarrow 1327\cdot 2029\cdot 739103\cdot 458170449758 1995647813\cdot p_{43},\ B_1 = 280$

5681: $p_{43}^1 \Rightarrow 3\cdot n,\ B_1 = 322;\ \ q^2,\ B_3 = 301$

5683: $2311333^{16} \Rightarrow 103\cdot c_{100},\ B_1 = 291$

5684: $103^2 \Rightarrow 3\cdot 3571,\ B_1 = 298$

5685: $3571^2 \Rightarrow 3\cdot 13^2\cdot 139\cdot 181,\ S\ \ 3^4\cdot 7^6\cdot 13^4\cdot 29\cdot 103^2\cdot 139^2\cdot 181^2\cdot 397^2$

5686: $3571^4,\ B_3 = 305$

5687: $103^4 \Rightarrow 11\ldots,\ S\ \ 3^2\cdot 7^6\cdot 11^2\cdot 13\cdot 29^2$

5688: $103^6 \Rightarrow 29\cdot 71\cdot n,\ B_1 = 312;\ \ q^{10},\ B_3 = 307$

5690: $2311333^{18} \Rightarrow n,\ B_1 = 315$

5691: $2311333^{22} \Rightarrow 47\cdot n,\ B_1 = 367;\ \ q^{28},\ B_2 = 356$

5693: $329422297^4 \Rightarrow 181\cdot 2161\cdot 28015921\cdot p_{22},\ B_1 = 136$

5694: $p_{22}^1 \Rightarrow 3^2\cdot 163\cdot 4729\cdot P_{14},\ B_1 = 177$

5695: $P_{14}^2 \Rightarrow 3\cdot 31\cdot p_{26},\ B_1 = 232$

5696: $p_{26}^2 \Rightarrow 3\cdot 7^2\cdot 151\cdot P_{48},\ B_1 = 331$

5697: $p_{26}^4 \Rightarrow 31\cdot 41\cdot 61\cdot n,\ B_1 = 389;\ \ q^6,\ B_3 = 335$

5699: $P_{14}^4 \Rightarrow 61\cdot 26711\cdot 9553593034715474487 11\cdot p_{29},\ B_1 = 316$

5700: $P_{14}^6 \Rightarrow n,\ B_1 = 316$

5701: $P_{14}^{10} \Rightarrow 23\cdot 67\cdot n,\ B_1 = 430;\ \ q^{12},\ B_2 = 333$

5703: $p_{22}^2 \Rightarrow 7\cdot 31\cdot 241\cdot 709\cdot 557828389\cdot P_{26},\ B_1 = 231$

5704: $P_{26}^2 \Rightarrow 3\cdot 13^2\cdot 103^2\cdot 219577381\cdot 239183225509\cdot P_{26},\ B_1 = 325$

5705: $P_{26}^4 \Rightarrow n,\ B_1 = 385;\ \ q^6,\ B_3 = 334$

5707: $p_{22}^4 \Rightarrow 5\cdot 32321\cdot 837260111\cdot 671947995017648453059 1681\cdot P_{46},\ B_1 = 343$

5708: $p_{22}^6 \Rightarrow 29\cdot n,\ B_1 = 358;\ \ q^{10},\ B_2 = 420$

5710: $329422297^6 \Rightarrow 7\cdot 29\cdot 337\cdot 1634305793\cdot 1675411861177363\cdot P_{22},\ B_1 = 194$

5711: $P_{22}^2 \Rightarrow 3\cdot 619\cdot 13996164572947\cdot P_{28},\ B_1 = 282$

5712: $P_{28}^2 \Rightarrow 19\ldots,\ D;\ \ q^4,\ B_3 = 336$

5714: $P_{22}^4 \Rightarrow n,\ B_1 = 325$

5715: $P_{22}^6 \Rightarrow 7\cdot n,\ B_1 = 412;\ \ q^{10},\ B_2 = 436$

5717: $329422297^{10} \Rightarrow 23\cdot p_{84},\ B_1 = 227$

5718: $p_{84}^1 \Rightarrow 5\cdot n,\ B_1 = 311;\ \ q^2,\ B_2 = 335$

5720: $329422297^{12} \Rightarrow 6690779681145068746 91\cdot$
$2383433833994610356215300 3\cdot 28392361864610666302626481\cdot p_{31},\ B_1 = 331$

5721: $329422297^{16} \Rightarrow 443\cdot 647\cdot n,\ B_1 = 325;\ \ q^{18},\ B_2 = 306$

5723: $4733^{10} \Rightarrow 23^2\cdot 89\cdot 800251343\cdot p_{24},\ B_1 = 92$

5724: $p_{24}^1 \Rightarrow 19\ldots,\ D$

5725: $p_{24}^2 \Rightarrow 3\cdot 433\cdot 26161\cdot 2716027\cdot P_{33},\ B_1 = 203$

5726: $P_{33}^2 \Rightarrow 3\cdot 7\cdot 2797\cdot 37158175544877836253819\cdot P_{39},\ B_1 = 330$

5727: $P_{33}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5\cdot 7^6$

5728: $P_{33}^6,\ B_2 = 388$

5729: $p_{24}^4 \Rightarrow 5\cdot 101\cdot 143868821\cdot 914547871\cdot 491751810355961017531\cdot p_{53},\ B_1 = 295$

5730: $p_{53}^1 \Rightarrow n,\ B_1 = 346;\ \ q^2,\ B_3 = 339$

5732: $p_{24}^6 \Rightarrow 7\cdot n,\ B_1 = 344;\ \ q^{10},\ B_2 = 463$

5734: $4733^{12} \Rightarrow 13\cdot 53\cdot 3491089004265652 3169\cdot p_{22},\ B_1 = 118$

5735: $p_{22}^1 \Rightarrow 6004651 \cdot 10688807 \cdot 40935743,\ B_1 = 161$
5736: $40935743^2 \Rightarrow 7 \cdot P_{15},\ B_1 = 190$
5737: $P_{15}^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot 73 \cdot 9857137 \cdot 60066217 \cdot 4856775961,\ B_1 = 243$
5738: $4856775961^2 \Rightarrow 3 \cdot 7 \cdot 151 \cdot p_{16},\ B_1 = 279$
5739: $p_{16}^2 \Rightarrow 19 \ldots,\ D$
5740: $p_{16}^4,\ B_3 = 311$
5741: $4856775961^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^6$
5742: $4856775961^6 \Rightarrow n,\ B_1 = 340;\ \ q^{10},\ B_3 = 321$
5744: $P_{15}^4 \Rightarrow 1021 \cdot p_{55},\ B_1 = 333$
5745: $P_{15}^6 \Rightarrow 29 \cdot 211 \cdot n,\ B_1 = 334;\ \ q^{10},\ B_3 = 305$
5747: $40935743^4 \Rightarrow 71 \cdot 181 \cdot 211 \cdot 1676281 \cdot 30908621 \cdot 19987795141,\ B_1 = 237$
5748: $19987795141^2 \Rightarrow 3 \cdot 43 \ldots,\ S\ \ 3^2 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 43^2 \cdot 53^2 \cdot 71^2$
5749: $19987795141^4 \Rightarrow 5 \cdot 461 \cdot n,\ B_1 = 302$
5750: $19987795141^6 \Rightarrow 71^2 \cdot 421 \cdot 463 \cdot n,\ B_1 = 345;\ \ q^{10},\ B_3 = 319$
5752: $40935743^6 \Rightarrow 113779 \cdot 348811 \cdot 11407888759 \cdot P_{26},\ B_1 = 283$
5753: $P_{26}^2 \Rightarrow 3 \cdot n,\ B_1 = 333;\ \ q^4,\ B_3 = 333$
5755: $40935743^{10} \Rightarrow p_{77},\ B_1 = 374$
5756: $40935743^{12} \Rightarrow n,\ B_1 = 328$
5757: $40935743^{16} \Rightarrow 647 \cdot n,\ B_1 = 392$
5758: $40935743^{18} \Rightarrow 229 \cdot n,\ B_1 = 422;\ \ q^{22},\ B_2 = 334$
5760: $p_{22}^2 \Rightarrow 19 \ldots,\ D$
5761: $p_{22}^4 \Rightarrow 5 \cdot 61 \cdot 10489111 \cdot 767264950811 \cdot 651435268818511578018931 \cdot P_{42},\ B_1 = 337$
5762: $p_{22}^6 \Rightarrow n,\ B_1 = 337;\ \ q^{10},\ B_2 = 434$
5764: $4733^{16} \Rightarrow 63284371 \cdot 7563524537 \cdot 7816625987881598827 \cdot p_{23},\ B_1 = 162$
5765: $p_{23}^1 \Rightarrow 3^2 \cdot 5^2 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^6$
5766: $p_{23}^2 \Rightarrow 7 \cdot 3001 \cdot 8053 \cdot 8209197757 \cdot p_{27},\ B_1 = 245$
5767: $p_{27}^1 \Rightarrow 769 \cdot 68437 \cdot 37515389 \cdot 52407378251,\ B_1 = 297$
5768: $52407378251^2 \Rightarrow 7 \cdot 73 \cdot n,\ B_1 = 319;\ \ q^4,\ B_3 = 318$
5770: $p_{27}^2 \Rightarrow 3 \cdot n,\ B_1 = 314;\ \ q^4,\ B_3 = 314$
5772: $p_{23}^4 \Rightarrow 11 \cdot n,\ B_1 = 308$
5773: $p_{23}^6 \Rightarrow n,\ B_1 = 396;\ \ q^{10},\ B_2 = 444$
5775: $4733^{18} \Rightarrow 1787 \cdot 58217 \cdot 68166590347557994 2644606417 \cdot p_{32},\ B_1 = 175$
5776: $p_{32}^1 \Rightarrow 3 \cdot p_{31},\ B_1 = 237$
5777: $p_{31}^2 \Rightarrow 3 \cdot 241 \cdot 397 \cdot n,\ B_1 = 302$
5778: $p_{31}^4 \Rightarrow 11 \cdot n,\ B_1 = 421;\ \ q^6,\ B_2 = 366$
5780: $p_{32}^2 \Rightarrow 13 \cdot 73 \cdot 751 \cdot 41985407811274723 \cdot P_{41},\ B_1 = 304$
5781: $p_{32}^4 \Rightarrow 5 \cdot 11 \cdot 31 \cdot 41 \cdot 211 \cdot n,\ B_1 = 374;\ \ q^6,\ B_2 = 375$
5783: $4733^{22} \Rightarrow 499607 \cdot p_{76},\ B_1 = 175$
5784: $p_{76}^1 \Rightarrow 3^2 \cdot 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^6$
5785: $p_{76}^2,\ B_2 = 300$
5786: $4733^{28} \Rightarrow 69669689854993 \cdot 1513782805514011 \cdot$
$145298179562883 7315242213517 \cdot P_{47},\ B_1 = 289$
5787: $P_{47}^2 \Rightarrow 3 \cdot 13 \cdot 73 \cdot 139 \cdot n,\ B_1 = 388;\ \ q^4,\ B_3 = 382$
5789: $4733^{30} \Rightarrow 316704163671 8492064667 \cdot c_{89},\ B_1 = 248$
5790: $P_{22}^2 \Rightarrow 3 \cdot 7 \cdot 211 \cdot 1549 \cdot 4093 \cdot 1239517 \cdot n,\ B_1 = 301$
5791: $P_{22}^4 \Rightarrow 11 \cdot n,\ B_1 = 378;\ \ q^6,\ B_3 = 334$
5793: $4733^{36} \Rightarrow 149 \cdot 3923 \cdot 41005152420096832 7 \cdot 419366244880650439 \cdot P_{92},\ B_1 = 402$
5794: $4733^{40} \Rightarrow n,\ B_1 = 300;\ \ q^{42},\ B_2 = 308$
5796: $7^{10} \Rightarrow 1123 \cdot 293459,\ B_1 = 25$
5797: $1123^2 \Rightarrow 127 \ldots,\ D$
5798: $1123^4 \Rightarrow 41 \cdot 19571 \cdot 1983851,\ B_1 = 54$
5799: $1983851^2 \Rightarrow 7 \cdot 307 \cdot 1831394497,\ B_1 = 70$
5800: $1831394497^1 \Rightarrow 4817 \cdot 190097,\ B_1 = 88$
5801: $190097^2 \Rightarrow 31 \cdot 79 \cdot 3463 \cdot 4261,\ B_1 = 109$

$4261^2 \Rightarrow 3 \cdot 6053461,\ B_1 = 123$

$6053461^2 \Rightarrow 3 \cdot 157 \cdot 19273 \cdot 4036801,\ B_1 = 149$

$4036801^2 \Rightarrow 3 \cdot 151 \cdot 13009 \cdot 2765239,\ B_1 = 176$

$2765239^2 \Rightarrow 3 \cdot 13 \ldots,\ S\ \ 3^4 \cdot 7^{10} \cdot 13^2 \cdot 31^2 \cdot 41^2 \cdot 79^2$

$2765239^4 \Rightarrow 11 \cdot 31 \ldots,\ S\ \ 3^4 \cdot 7^{10} \cdot 11^2 \cdot 31^2 \cdot 41^2$

$2765239^6 \Rightarrow 7 \cdot 113 \cdot 15498818119 \cdot 61161198239 \cdot P_{15},\ B_1 = 277$

$P_{15}^2 \Rightarrow 3 \cdot n,\ B_1 = 306;\ \ q^4,\ B_3 = 307$

$2765239^{10} \Rightarrow 23 \cdot 67 \ldots,\ S\ \ 3^4 \cdot 7^{10} \cdot 23^2 \cdot 31^2 \cdot 41^2 \cdot 67^2 \cdot 79^2 \cdot 151^2 \cdot 157^2$

$2765239^{12} \Rightarrow n,\ B_1 = 318$

$2765239^{16} \Rightarrow n,\ B_1 = 369$

$2765239^{18} \Rightarrow n,\ B_1 = 395;\ \ q^{22},\ B_3 = 305$

$4036801^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^{10}$

$4036801^6 \Rightarrow 43 \cdot p_{39},\ B_1 = 255$

$p_{39}^2 \Rightarrow 3 \cdot 13 \ldots,\ S\ \ 3^4 \cdot 7^{10} \cdot 13^2 \cdot 31^2 \cdot 41^2 \cdot 43^2$

$p_{39}^4,\ B_3 = 331$

$4036801^{10} \Rightarrow 23 \cdot p_{65},\ B_1 = 334$

$4036801^{12} \Rightarrow 413557 \cdot n,\ B_1 = 300$

$4036801^{16} \Rightarrow n,\ B_1 = 348$

$4036801^{18} \Rightarrow 229 \cdot n,\ B_1 = 376$

$4036801^{22} \Rightarrow 47 \cdot 691 \cdot n,\ B_1 = 431;\ \ q^{28},\ B_2 = 369$

$6053461^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^{10}$

$6053461^6 \Rightarrow 7 \cdot 12843194449 \cdot p_{30},\ B_1 = 230$

$p_{30}^2 \Rightarrow 3 \cdot 13 \cdot 613 \cdot 293179 \cdot P_{50},\ B_1 = 348$

$p_{30}^4 \Rightarrow n,\ B_1 = 409;\ \ q^6,\ B_2 = 356$

$6053461^{10} \Rightarrow 353 \cdot 859 \cdot 2892143 \cdot 19621169899 \cdot p_{46},\ B_1 = 313$

$6053461^{12} \Rightarrow 53 \cdot 17978507 \cdot 2855518410083 \cdot p_{60},\ B_1 = 354$

$6053461^{16} \Rightarrow n,\ B_1 = 327$

$6053461^{18} \Rightarrow n,\ B_1 = 354$

$6053461^{22} \Rightarrow 47 \cdot n,\ B_1 = 410;\ \ q^{28},\ B_2 = 379$

$4261^4 \Rightarrow 5 \cdot 11 \cdot 6131 \cdot 8081 \cdot 121001,\ B_1 = 145$

$121001^2 \Rightarrow 42859 \cdot 341617,\ B_1 = 165$

$341617^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^{10}$

$341617^4 \Rightarrow 191 \cdot 350621 \cdot 3351611 \cdot 60678421,\ B_1 = 221$

$60678421^2 \Rightarrow 127 \ldots,\ D$

$60678421^4 \Rightarrow 5 \cdot 811 \cdot P_{28},\ B_1 = 297$

$P_{28}^2 \Rightarrow 19 \ldots,\ D$

$P_{28}^4,\ B_3 = 352$

$60678421^6 \Rightarrow 387807035122859507 \cdot p_{30},\ B_1 = 345$

$60678421^{10} \Rightarrow 11 \cdot n,\ B_1 = 360$

$60678421^{12} \Rightarrow 53 \cdot 79 \cdot n,\ B_1 = 392;\ \ q^{16},\ B_3 = 330$

$341617^6 \Rightarrow 379 \cdot 30829 \cdot p_{27},\ B_1 = 254$

$p_{27}^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^{10}$

$p_{27}^4,\ B_3 = 306$

$341617^{10} \Rightarrow 11 \cdot 38237 \cdot 273929295179 \cdot P_{39},\ B_1 = 318$

$341617^{12} \Rightarrow 79 \cdot P_{65},\ B_1 = 350$

$341617^{16} \Rightarrow 953 \cdot n,\ B_1 = 334$

$341617^{18} \Rightarrow n,\ B_1 = 354$

$341617^{22} \Rightarrow 47 \cdot 829 \cdot n,\ B_1 = 402;\ \ q^{28},\ B_2 = 309$

$121001^4 \Rightarrow 5 \cdot 31 \cdot 41 \cdot 43651 \cdot 772768969981,\ B_1 = 188$

$772768969981^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^{10}$

$772768969981^4 \Rightarrow 5 \cdot 271 \cdot 48088017751 \cdot p_{34},\ B_1 = 307$

$772768969981^6 \Rightarrow 7 \cdot n,\ B_1 = 306$

$772768969981^{10} \Rightarrow 67 \cdot n,\ B_1 = 404;\ \ q^{12},\ B_3 = 307$

$121001^6 \Rightarrow 3011 \cdot 2576183 \cdot 1120661473 \cdot 361056725443,\ B_1 = 226$

$361056725443^{2} \Rightarrow 3\ldots,\ S\ \ 3^{2}\cdot 5^{2}\cdot 7^{10}$

$361056725443^{4} \Rightarrow 8467028962661\cdot 8962412390011\cdot P_{21},\ B_1 = 342$

$361056725443^{6} \Rightarrow 7\cdot 29\cdot n,\ B_1 = 343;\ \ q^{10},\ B_3 = 319$

$121001^{10} \Rightarrow 11\cdot 463\cdot 1453\cdot 5479\cdot 3962113\cdot 969579733\cdot 382549583131\cdot P_{14},\ B_1 = 285$

$P_{14}^{2} \Rightarrow 7\cdot 13\cdot 769\cdot n,\ B_1 = 315;\ \ q^{4},\ B_3 = 311$

$121001^{12} \Rightarrow 79\cdot 5833829\cdot 82227809\cdot 13284359275097\cdot P_{32},\ B_1 = 314$

$121001^{16} \Rightarrow 103\cdot 239\cdot n,\ B_1 = 302$

$121001^{18} \Rightarrow 419\cdot n,\ B_1 = 321$

$121001^{22} \Rightarrow n,\ B_1 = 359$

$121001^{28} \Rightarrow 59\cdot 233\cdot n,\ B_1 = 424;\ \ q^{30},\ B_2 = 304$

$4261^{6} \Rightarrow 43\cdot 659\cdot 18341\cdot P_{14},\ B_1 = 167$

$P_{14}^{2} \Rightarrow 3\cdot 521299\cdot p_{20},\ B_1 = 219$

$p_{20}^{2} \Rightarrow 3\cdot 7\cdot 1123\cdot 3272077\cdot p_{29},\ B_1 = 290$

$p_{29}^{2} \Rightarrow 3\cdot 13\ldots,\ S\ \ 3^{4}\cdot 7^{10}\cdot 13^{2}\cdot 31^{2}\cdot 41^{2}\cdot 43^{2}$

$p_{29}^{4},\ B_3 = 348$

$p_{20}^{4} \Rightarrow n,\ B_1 = 339$

$p_{20}^{6} \Rightarrow 29\cdot n,\ B_1 = 420;\ \ q^{10},\ B_2 = 398$

$P_{14}^{4} \Rightarrow 5\cdot 11\cdot 31\cdot p_{50},\ B_1 = 294$

$p_{50}^{2} \Rightarrow n,\ B_1 = 392;\ \ q^{4},\ B_3 = 392$

$P_{14}^{6} \Rightarrow 7\cdot 113\cdot 1438690541\cdot n,\ B_1 = 308$

$P_{14}^{10} \Rightarrow 23\cdot 331\cdot n,\ B_1 = 406;\ \ q^{12},\ B_2 = 313$

$4261^{10} \Rightarrow 23\cdot 67\cdot 89\cdot 4159\cdot 88397\cdot p_{23},\ B_1 = 210$

$p_{23}^{2} \Rightarrow 3\cdot 307\cdot 313\cdot 37117\cdot 408843067\cdot 24402315607\cdot P_{17},\ B_1 = 296$

$P_{17}^{2} \Rightarrow 3\cdot 13\ldots,\ S\ \ 3^{2}\cdot 7^{10}\cdot 13^{2}\cdot 23^{2}\cdot 31^{2}\cdot 41^{2}$

$P_{17}^{4},\ B_3 = 328$

$p_{23}^{4} \Rightarrow 101\cdot n,\ B_1 = 348;\ \ q^{6},\ B_3 = 301$

$4261^{12} \Rightarrow 286791568519\cdot P_{33},\ B_1 = 232$

$P_{33}^{2} \Rightarrow 3\cdot 301980379369\cdot 13004269296253\cdot P_{40},\ B_1 = 361$

$P_{33}^{4} \Rightarrow n,\ B_1 = 425;\ \ q^{6},\ B_2 = 385$

$4261^{16} \Rightarrow 613\cdot 227869\cdot 18631049\cdot p_{43},\ B_1 = 276$

$p_{43}^{2} \Rightarrow 3\cdot n,\ B_1 = 362;\ \ q^{4},\ B_3 = 361$

$4261^{18} \Rightarrow 1925861281\cdot 85154026865496251767568962 1\cdot P_{30},\ B_1 = 298$

$P_{30}^{2} \Rightarrow 7\cdot 307\cdot n,\ B_1 = 352;\ \ q^{4},\ B_3 = 356$

$4261^{22} \Rightarrow 139\cdot 869809022604514320572617\cdot p_{54},\ B_1 = 341$

$4261^{28} \Rightarrow n,\ B_1 = 305$

$4261^{30} \Rightarrow n,\ B_1 = 319$

$4261^{36} \Rightarrow n,\ B_1 = 363$

$4261^{40} \Rightarrow 83\cdot n,\ B_1 = 394;\ \ q^{42},\ B_2 = 304$

$190097^{4} \Rightarrow 456451\cdot P_{16},\ B_1 = 140$

$P_{16}^{2} \Rightarrow 3\cdot 7\cdot 13\cdot 43\cdot 245383\cdot 1567696597\cdot p_{13},\ B_1 = 201$

$p_{13}^{2} \Rightarrow 3\cdot 61\cdot 89449\cdot 8448313\cdot 23755541917,\ B_1 = 249$

$23755541917^{2} \Rightarrow 3\cdot 7\cdot 13\ldots,\ S\ \ 3^{4}\cdot 7^{10}\cdot 13^{2}\cdot 41^{2}\cdot 43^{2}\cdot 61^{2}$

$23755541917^{4} \Rightarrow 41\cdot n,\ B_1 = 309$

$23755541917^{6} \Rightarrow 29^{2}\ldots,\ S\ \ 3^{2}\cdot 7^{10}\cdot 13^{2}\cdot 29^{2}\cdot 41^{2}\cdot 43^{2}\cdot 61^{2}$

$23755541917^{10},\ B_3 = 332$

$p_{13}^{4} \Rightarrow 41\cdot 12541\cdot 5484667511\cdot 18812408601551\cdot p_{21},\ B_1 = 320$

$p_{13}^{6} \Rightarrow n,\ B_1 = 323$

$p_{13}^{10} \Rightarrow n,\ B_1 = 421;\ \ q^{12},\ B_3 = 323$

$P_{16}^{4} \Rightarrow 5\cdot 18951281\cdot 4338888194471\cdot P_{42},\ B_1 = 295$

$P_{42}^{2} \Rightarrow 3\ldots,\ S\ \ 3^{2}\cdot 5^{2}\cdot 7^{10}$

$P_{42}^{4},\ B_3 = 377$

$P_{16}^{6} \Rightarrow 10691202173\cdot p_{83},\ B_1 = 388;\ \ q^{10},\ B_2 = 309$

$190097^{6} \Rightarrow 71\cdot 9481461893\cdot p_{20},\ B_1 = 172$

$p_{20}^{2} \Rightarrow 3\cdot 43\cdot 349\cdot 1483\cdot 4273387\cdot P_{26},\ B_1 = 251$

5931: $P_{26}^2 \Rightarrow 3\cdot 79\cdot n,\ B_1 = 303;\ \ q^4,\ B_3 = 302$

5933: $p_{20}^4 \Rightarrow 11\cdot 31\cdot 31831227731565791\cdot n,\ B_1 = 310$

5934: $p_{20}^6 \Rightarrow 7\cdot 239\cdot n,\ B_1 = 372;\ \ q^{10},\ B_2 = 396$

5936: $190097^{10} \Rightarrow 23\cdot 122497\cdot p_{47},\ B_1 = 235$

5937: $p_{47}^2 \Rightarrow 7\cdot n,\ B_1 = 327;\ \ q^4,\ B_2 = 370$

5939: $190097^{12} \Rightarrow 17149289\cdot 284058659\cdot P_{48},\ B_1 = 267$

5940: $P_{48}^2 \Rightarrow 3\cdot 7\cdot 31\cdot n,\ B_1 = 364;\ \ q^4,\ B_2 = 381$

5942: $190097^{16} \Rightarrow 307\cdot 42773\cdot 76673147777767\cdot$
$26355150079491450353097267 26662997\cdot p_{34},\ B_1 = 326$

5943: $190097^{18} \Rightarrow 191\cdot 229\cdot 3307\cdot 47843\cdot 53087\cdot 103399\cdot 2495871922433\cdot n,\ B_1 = 302$

5944: $190097^{22} \Rightarrow n,\ B_1 = 309$

5945: $190097^{28} \Rightarrow n,\ B_1 = 373;\ \ q^{30},\ B_2 = 316$

5947: $18313944497^2 \Rightarrow 3\cdot 7\cdot 9254689\cdot 17257690903,\ B_1 = 107$

5948: $17257690903^2 \Rightarrow 3\cdot 597823\cdot p_{15},\ B_1 = 140$

5949: $p_{15}^1 \Rightarrow P_{14},\ B_1 = 168$

5950: $P_{14}^2 \Rightarrow 3\cdot 116341\cdot P_{23},\ B_1 = 224$

5951: $P_{23}^2 \Rightarrow 3\cdot 2658703\cdot 57009450061\cdot p_{27},\ B_1 = 312$

5952: $P_{23}^4 \Rightarrow 11\cdot n,\ B_1 = 358;\ \ q^6,\ B_3 = 313$

5954: $P_{14}^4 \Rightarrow 77171\cdot 96581\cdot 470791\cdot 169436139926551\cdot P_{26},\ B_1 = 307$

5955: $P_{14}^6 \Rightarrow n,\ B_1 = 307$

5956: $P_{14}^{10} \Rightarrow 11\cdot 23^2\cdot n,\ B_1 = 420;\ \ q^{12},\ B_2 = 334$

5958: $p_{15}^2 \Rightarrow 3\cdot 7^2\cdot p_{27},\ B_1 = 182$

5959: $p_{27}^1 \Rightarrow 167\cdot p_{24},\ B_1 = 234$

5960: $p_{24}^2 \Rightarrow 7\cdot 13\cdot 151\cdot 1046602567\cdot 2722565707\cdot P_{25},\ B_1 = 327$

5961: $p_{24}^4 \Rightarrow n,\ B_1 = 376;\ \ q^6,\ B_3 = 329$

5963: $p_{27}^2 \Rightarrow 19\ldots,\ D$

5964: $p_{27}^4 \Rightarrow 5\ldots,\ S\ \ 3^4\cdot 5\cdot 7^{10}$

5965: $p_{27}^6,\ B_2 = 315$

5966: $p_{15}^4 \Rightarrow 41\cdot 12451\cdot 343440908836427662023 71\cdot p_{29},\ B_1 = 265$

5967: $p_{29}^1 \Rightarrow 3^2\cdot 34763\cdot p_{23},\ B_1 = 320$

5968: $p_{29}^2 \Rightarrow 7\cdot 13\cdot 31\cdot n,\ B_1 = 345;\ \ q^4,\ B_3 = 344$

5970: $p_{15}^6 \Rightarrow 43\cdot 269461991\cdot n,\ B_1 = 300$

5971: $p_{15}^{10} \Rightarrow 11\cdot 23\cdot n,\ B_1 = 406;\ \ q^{12},\ B_2 = 341$

5973: $17257690903^4 \Rightarrow 23655641\cdot 4564235993951\cdot P_{21},\ B_1 = 209$

5974: $P_{21}^2 \Rightarrow 7^2\cdot 6451647392413039\cdot P_{25},\ B_1 = 290$

5975: $P_{25}^2 \Rightarrow 3\cdot 37\cdot n,\ B_1 = 339;\ \ q^4,\ B_3 = 338$

5977: $P_{21}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5\cdot 7^{10}$

5978: $P_{21}^6 \Rightarrow 43\cdot n,\ B_1 = 420;\ \ q^{10},\ B_2 = 418$

5980: $17257690903^6 \Rightarrow p_{62},\ B_1 = 217$

5981: $p_{62}^1 \Rightarrow 17^2\cdot 34159\cdot P_{55},\ B_1 = 337$

5982: $p_{62}^2 \Rightarrow 3\cdot n,\ B_1 = 394;\ \ q^4,\ B_2 = 491$

5984: $17257690903^{10} \Rightarrow 23\cdot 89\cdot 221233\cdot n,\ B_1 = 300$

5985: $17257690903^{12} \Rightarrow 79\cdot n,\ B_1 = 334;\ \ q^{16},\ B_2 = 327$

5987: $18313944497^4 \Rightarrow 11\cdot 821\cdot 2521\cdot 1305391\cdot p_{24},\ B_1 = 148$

5988: $p_{24}^1 \Rightarrow 3\cdot 80835531031\cdot 780413496727,\ B_1 = 195$

5989: $780413496727^2 \Rightarrow 19\ldots,\ D$

5990: $780413496727^4 \Rightarrow 741104041\cdot p_{39},\ B_1 = 314$

5991: $780413496727^6 \Rightarrow 71\cdot 211\cdot n,\ B_1 = 318$

5992: $780413496727^{10} \Rightarrow n,\ B_1 = 409;\ \ q^{12},\ B_3 = 314$

5994: $p_{24}^2 \Rightarrow 329521219\cdot 39553185589\cdot p_{29},\ B_1 = 238$

5995: $p_{29}^1 \Rightarrow 23\cdot 29\cdot 191\cdot 587\cdot 12682027\cdot p_{13},\ B_1 = 293$

5996: $p_{13}^2 \Rightarrow 3\cdot 7^2\ldots,\ S\ \ 3^2\cdot 7^{10}\cdot 11^2\cdot 23^2\cdot 29^2$

5997: $p_{13}^4,\ B_3 = 319$

5998: $p_{29}^2 \Rightarrow 3\cdot 7\cdot 13\ldots,\ S\ \ 3^2\cdot 7^{10}\cdot 11^2\cdot 13\cdot 41^2$

5999: $p_{29}^4,\ B_3 = 311$

6000: $p_{24}^4 \Rightarrow 5 \cdot n,\ B_1 = 310$

6001: $p_{24}^6 \Rightarrow 7 \cdot 29 \cdot 43 \cdot n,\ B_1 = 406;\ \ q^{10},\ B_2 = 471$

6003: $1831394497^6 \Rightarrow 673 \cdot 51283 \cdot p_{49},\ B_1 = 179$

6004: $p_{49}^1 \Rightarrow 41 \cdot 43 \cdot 293 \cdot 29881 \cdot 40471 \cdot 453601 \cdot 40753459261 \cdot P_{17},\ B_1 = 271$

6005: $P_{17}^2 \Rightarrow 3 \cdot n,\ B_1 = 305;\ \ q^4,\ B_3 = 305$

6007: $p_{49}^2 \Rightarrow 3 \cdot 757 \cdot n,\ B_1 = 324;\ \ q^4,\ B_2 = 384$

6009: $1831394497^{10} \Rightarrow 23 \cdot 67 \cdot 1453 \cdot 2971 \cdot 22441 \cdot$
$2637112050837518078572386667630217 23 \cdot P_{44},\ B_1 = 334$

6010: $1831394497^{12} \Rightarrow 79 \cdot 157 \cdot 9491 \cdot 84137 \cdot p_{99},\ B_1 = 296$

6011: $p_{99}^1 \Rightarrow n,\ B_1 = 394;\ \ q^2,\ B_2 = 392$

6013: $1831394497^{16} \Rightarrow 17 \cdot n,\ B_1 = 356;\ \ q^{18},\ B_2 = 333$

6015: $1983851^4 \Rightarrow 5 \cdot 61 \cdot 751 \cdot 99581 \cdot P_{15},\ B_1 = 113$

6016: $P_{15}^2 \Rightarrow 3 \cdot 7 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^{10}$

6017: $P_{15}^4 \Rightarrow 5 \cdot 41 \cdot 10601 \cdot 1843321 \cdot 3355374605217354292 01 \cdot p_{27},\ B_1 = 236$

6018: $p_{27}^1 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^{10}$

6019: $p_{27}^2 \Rightarrow 3051511 \cdot n,\ B_1 = 301$

6020: $p_{27}^4 \Rightarrow 5 \cdot 31 \cdot 311 \cdot n,\ B_1 = 404;\ \ q^6,\ B_3 = 346$

6022: $P_{15}^6 \Rightarrow 113 \cdot 639647 \cdot 1314546997 \cdot c_{73},\ B_1 = 275$

6023: $1314546997^1 \Rightarrow 17 \cdot 38663147,\ B_1 = 292$

6024: $38663147^2 \Rightarrow 13 \cdot n,\ B_1 = 309;\ \ q^4,\ B_3 = 307$

6026: $1314546997^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^{10}$

6027: $1314546997^4 \Rightarrow 11 \cdot n,\ B_1 = 335;\ \ q^6,\ B_3 = 315$

6029: $P_{15}^{10} \Rightarrow 67 \cdot n,\ B_1 = 382;\ \ q^{12},\ B_2 = 355$

6031: $1983851^6 \Rightarrow 25730519884651 \cdot P_{25},\ B_1 = 155$

6032: $P_{25}^2 \Rightarrow 3 \cdot 5219975084381173 \cdot P_{33},\ B_1 = 238$

6033: $P_{33}^2 \Rightarrow 3 \cdot 7 \cdot 37 \cdot n,\ B_1 = 303;\ \ q^4,\ B_3 = 303$

6035: $P_{25}^4 \Rightarrow 11 \cdot n,\ B_1 = 302$

6036: $P_{25}^6 \Rightarrow 127 \ldots,\ D;\ \ q^{10},\ B_2 = 487$

6038: $1983851^{10} \Rightarrow 11 \cdot 23 \cdot 126457 \cdot p_{56},\ B_1 = 176$

6039: $p_{56}^1 \Rightarrow 2273004879128793 47 \cdot P_{38},\ B_1 = 287$

6040: $P_{38}^2 \Rightarrow 37 \cdot n,\ B_1 = 364;\ \ q^4,\ B_3 = 362$

6042: $p_{56}^2 \Rightarrow 3 \cdot n,\ B_1 = 338;\ \ q^4,\ B_2 = 443$

6044: $1983851^{12} \Rightarrow 37649 \cdot 79691 \cdot 320718162131329 \cdot 46946282097711672 01 \cdot P_{33},\ B_1 = 251$

6045: $P_{33}^2 \Rightarrow 3 \cdot 7 \cdot n,\ B_1 = 316;\ \ q^4,\ B_3 = 317$

6047: $1983851^{16} \Rightarrow 70528343 \cdot 234053893 \cdot 1892461931 \cdot p_{76},\ B_1 = 270$

6048: $p_{76}^1 \Rightarrow 23 \cdot n,\ B_1 = 346;\ \ q^2,\ B_3 = 337$

6050: $1983851^{18} \Rightarrow 191 \cdot 883273 \cdot 651239669 \cdot 12630105588672184 20227 \cdot p_{76},\ B_1 = 308$

6051: $1983851^{22} \Rightarrow 47 \cdot n,\ B_1 = 320;\ \ q^{28},\ B_2 = 352$

6053: $1123^6 \Rightarrow 113 \cdot 3823 \cdot 293147 \cdot 15852481,\ B_1 = 67$

6054: $15852481^1 \Rightarrow 7926241,\ B_1 = 80$

6055: $7926241^2 \Rightarrow 19 \ldots,\ D$

6056: $7926241^4 \Rightarrow 5 \cdot 11 \cdot 1301 \cdot P_{23},\ B_1 = 149$

6057: $P_{23}^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^{10}$

6058: $P_{23}^4 \Rightarrow 5 \cdot 11 \cdot 1831 \cdot 2731 \cdot 3340061 \cdot 5458231 \cdot n,\ B_1 = 304$

6059: $P_{23}^6 \Rightarrow 43 \cdot 883 \cdot n,\ B_1 = 381;\ \ q^{10},\ B_2 = 454$

6061: $7926241^6 \Rightarrow 7 \cdot 74201 \cdot 1202447 \cdot P_{30},\ B_1 = 189$

6062: $P_{30}^2 \Rightarrow 3 \cdot 345688333 \cdot 26691735487 \cdot p_{40},\ B_1 = 307$

6063: $P_{30}^4 \Rightarrow 11^2 \cdot 331 \cdot n,\ B_1 = 369;\ \ q^6,\ B_2 = 355$

6065: $7926241^{10} \Rightarrow 23 \cdot p_{68},\ B_1 = 274$

6066: $p_{68}^2 \Rightarrow 3 \cdot 7 \cdot n,\ B_1 = 408;\ \ q^4,\ B_2 = 541$

6068: $7926241^{12} \Rightarrow 6397 \cdot 9413 \cdot 964289 \cdot 162210439 \cdot$
$1475094791 \cdot 4074901003662371076923 \cdot P_{31},\ B_1 = 315$

6069: $7926241^{16} \Rightarrow 307 \cdot 180337 \cdot 197433377 \cdot n,\ B_1 = 303$

6070: $7926241^{18} \Rightarrow n,\ B_1 = 315;\ \ q^{22},\ B_2 = 303$

6072: $15852481^{2} \Rightarrow 3 \cdot 367 \cdot 1789 \cdot 127584187,\ B_1 = 99$

6073: $127584187^{2} \Rightarrow 3 \cdot 13 \cdot 37 \cdot 1949359 \cdot 5786761,\ B_1 = 127$

6074: $5786761^{1} \Rightarrow 1109 \cdot 2609,\ B_1 = 140$

6075: $2609^{2} \Rightarrow 13 \cdot 31 \cdot 61 \cdot 277,\ S\ \ 3^2 \cdot 7^{10} \cdot 13^2 \cdot 31^2 \cdot 37^2 \cdot 61^2 \cdot 113^2 \cdot 277^2 \cdot 367^2$

6076: $2609^{4} \Rightarrow 101 \cdot 458924702081,\ B_1 = 174$

6077: $458924702081^{2} \Rightarrow 104089 \cdot 770113 \cdot P_{13},\ B_1 = 221$

6078: $P_{13}^{2} \Rightarrow 3 \cdot 13 \cdot 97 \ldots,\ S\ \ 3^4 \cdot 7^{10} \cdot 13^2 \cdot 37^2 \cdot 97^2 \cdot 101^2 \cdot 113^2 \cdot 367^2$

6079: $P_{13}^{4} \Rightarrow 4451 \cdot P_{47},\ B_1 = 345$

6080: $P_{13}^{6} \Rightarrow 631 \cdot n,\ B_1 = 348;\ \ q^{10},\ B_3 = 320$

6082: $458924702081^{4} \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^{10}$

6083: $458924702081^{6} \Rightarrow 43 \cdot 3032241246637 \cdot n,\ B_1 = 305$

6084: $458924702081^{10} \Rightarrow 23 \cdot 89 \ldots,\ S\ \ 3^2 \cdot 7^{10} \cdot 13^2 \cdot 23^2 \cdot 37^2 \cdot 89^2 \cdot 101^2$

6085: $458924702081^{12} \Rightarrow 13 \cdot n,\ B_1 = 430;\ \ q^{16},\ B_2 = 373$

6087: $2609^{6} \Rightarrow P_{21},\ B_1 = 195$

6088: $P_{21}^{2} \Rightarrow 3 \cdot 1549 \cdot 231841 \cdot 254773 \cdot P_{27},\ B_1 = 277$

6089: $P_{27}^{2} \Rightarrow 3 \cdot 7 \cdot n,\ B_1 = 329;\ \ q^{4},\ B_3 = 330$

6091: $P_{21}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^{10}$

6092: $P_{21}^{6} \Rightarrow 127 \ldots,\ D;\ \ q^{10},\ B_2 = 409$

6094: $2609^{10} \Rightarrow 1607 \cdot 47933227 \cdot P_{24},\ B_1 = 236$

6095: $P_{24}^{2} \Rightarrow 11790313 \cdot 190415855563 \cdot n,\ B_1 = 301$

6096: $P_{24}^{4} \Rightarrow 61 \cdot 151 \cdot n,\ B_1 = 380;\ \ q^{6},\ B_3 = 329$

6098: $2609^{12} \Rightarrow p_{41},\ B_1 = 256$

6099: $p_{41}^{2} \Rightarrow 3 \cdot 211 \cdot n,\ B_1 = 341;\ \ q^{4},\ B_3 = 338$

6101: $2609^{16} \Rightarrow 103 \cdot 5441 \cdot 223381 \cdot 26413367501 \cdot P_{34},\ B_1 = 297$

6102: $P_{34}^{2} \Rightarrow 3 \cdot 7 \cdot 13 \cdot 67 \ldots,\ S\ \ 3^4 \cdot 7^{10} \cdot 13^2 \cdot 37^2 \cdot 67^2 \cdot 103^2 \cdot 113^2$

6103: $P_{34}^{4},\ B_3 = 364$

6104: $2609^{18} \Rightarrow 723349205644518486 97 \cdot P_{42},\ B_1 = 318$

6105: $2609^{22} \Rightarrow 47 \cdot p_{74},\ B_1 = 359$

6106: $2609^{28} \Rightarrow 233 \cdot n,\ B_1 = 327$

6107: $2609^{30} \Rightarrow 311 \cdot n,\ B_1 = 341$

6108: $2609^{36} \Rightarrow n,\ B_1 = 379$

6109: $2609^{40} \Rightarrow 83 \cdot n,\ B_1 = 409$

6110: $2609^{42} \Rightarrow 173 \cdot n,\ B_1 = 423;\ \ q^{46},\ B_2 = 314$

6112: $5786761^{2} \Rightarrow 19 \ldots,\ D$

6113: $5786761^{4} \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^{10}$

6114: $5786761^{6} \Rightarrow 7 \cdot 71 \cdot 959546479361 \cdot P_{26},\ B_1 = 229$

6115: $P_{26}^{2} \Rightarrow 3 \cdot 67 \ldots,\ S\ \ 3^4 \cdot 7^{10} \cdot 13 \cdot 37^2 \cdot 67^2 \cdot 71^2 \cdot 113^2$

6116: $P_{26}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^{10}$

6117: $P_{26}^{6},\ B_3 = 332$

6118: $5786761^{10} \Rightarrow 4336091 \cdot 719281139374271 \cdot P_{47},\ B_1 = 320$

6119: $5786761^{12} \Rightarrow 599 \cdot 68758366080908041830 77 \cdot$
$541063853718589749279222739 \cdot p_{30},\ B_1 = 334$

6120: $5786761^{16} \Rightarrow n,\ B_1 = 334$

6121: $5786761^{18} \Rightarrow n,\ B_1 = 361$

6122: $5786761^{22} \Rightarrow 47 \cdot 139 \cdot n,\ B_1 = 419;\ \ q^{28},\ B_2 = 378$

6124: $127584187^{4} \Rightarrow 11 \cdot 41 \cdot 151 \cdot 4651 \cdot 6271 \cdot 41351 \cdot P_{16},\ B_1 = 180$

6125: $P_{16}^{2} \Rightarrow 19 \ldots,\ D$

6126: $P_{16}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^{10}$

6127: $P_{16}^{6} \Rightarrow n,\ B_1 = 335;\ \ q^{10},\ B_2 = 310$

6129: $127584187^{6} \Rightarrow p_{49},\ B_1 = 184$

6130: $p_{49}^{1} \Rightarrow 397 \cdot 2004559 \cdot p_{40},\ B_1 = 280$

6131: $p_{40}^{2} \Rightarrow 3 \cdot n,\ B_1 = 359;\ \ q^{4},\ B_3 = 359$

6133: $p_{49}^{2} \Rightarrow 3 \cdot 157 \cdot n,\ B_1 = 328;\ \ q^{4},\ B_2 = 389$

$127584187^{10} \Rightarrow 23 \cdot 67 \cdot 910224581729 \cdot p_{66},\ B_1 = 264$

$p_{66}^{1} \Rightarrow 3^2 \cdot n,\ B_1 = 329;\ \ q^2,\ B_3 = 318$

$127584187^{12} \Rightarrow 1171 \cdot 1839161663 \cdot 129061186957 \cdot 1613717192387 \cdot P_{62},\ B_1 = 367$

$127584187^{16} \Rightarrow 137 \cdot 647 \cdot n,\ B_1 = 347$

$127584187^{18} \Rightarrow 229 \cdot n,\ B_1 = 377;\ \ q^{22},\ B_2 = 356$

$15852481^4 \Rightarrow 5 \cdot 5591 \cdot P_{25},\ B_1 = 144$

$P_{25}^{2} \Rightarrow 1129 \cdot 223885147 \cdot P_{38},\ B_1 = 240$

$P_{38}^{2} \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^{10}$

$P_{38}^{4},\ B_3 = 315$

$P_{25}^{4} \Rightarrow 5 \cdot 61 \cdot 971 \cdot 1301 \cdot 13591 \cdot n,\ B_1 = 300$

$P_{25}^{6} \Rightarrow 71 \cdot n,\ B_1 = 389;\ \ q^{10},\ B_2 = 487$

$15852481^6 \Rightarrow 7 \cdot 48973 \cdot 385267 \cdot P_{33},\ B_1 = 183$

$P_{33}^{2} \Rightarrow 3 \cdot 3001 \cdot 555637 \cdot 4919055150881313818689 \cdot P_{33},\ B_1 = 294$

$P_{33}^{2} \Rightarrow 3 \cdot 13 \cdot 109 \cdot n,\ B_1 = 362;\ \ q^4,\ B_3 = 359$

$P_{33}^{4} \Rightarrow 5 \cdot n,\ B_1 = 376;\ \ q^6,\ B_2 = 384$

$15852481^{10} \Rightarrow 8720713 \cdot P_{66},\ B_1 = 268$

$P_{66}^{2} \Rightarrow 7^2 \cdot 37 \cdot n,\ B_1 = 398;\ \ q^4,\ B_2 = 520$

$15852481^{12} \Rightarrow 9024610557301 \cdot p_{74},\ B_1 = 245$

$p_{74}^{1} \Rightarrow 11 \cdot n,\ B_1 = 319;\ \ q^2,\ B_3 = 306$

$15852481^{16} \Rightarrow 137 \cdot 443 \cdot 1021 \cdot 18352079 \cdot 23882519 \cdot P_{93},\ B_1 = 402$

$15852481^{18} \Rightarrow n,\ B_1 = 317;\ \ q^{22},\ B_2 = 316$

$1123^{10} \Rightarrow 11 \cdot 265871 \cdot p_{25},\ B_1 = 86$

$p_{25}^{1} \Rightarrow 3 \cdot 607 \cdot p_{21},\ B_1 = 134$

$p_{21}^{2} \Rightarrow 2281 \cdot 368926309 \cdot 10372065031 \cdot p_{20},\ B_1 = 216$

$p_{20}^{2} \Rightarrow 3 \cdot 11251 \cdot 260172779888029 \cdot P_{20},\ B_1 = 291$

$P_{20}^{2} \Rightarrow 3 \cdot 7 \cdot 79 \cdot n,\ B_1 = 331;\ \ q^4,\ B_3 = 329$

$p_{20}^{4} \Rightarrow 31 \cdot n,\ B_1 = 331$

$p_{20}^{6} \Rightarrow 7 \cdot n,\ B_1 = 405;\ \ q^{10},\ B_2 = 380$

$p_{21}^{4} \Rightarrow 41 \cdot 251 \cdot 271 \cdot 4115509691 \cdot 42593763745037886672120858751951 \cdot p_{35},\ B_1 = 339$

$p_{21}^{6} \Rightarrow 7 \cdot n,\ B_1 = 338;\ \ q^{10},\ B_2 = 409$

$p_{25}^{2} \Rightarrow 787 \cdot 1933 \cdot 85447 \cdot 142713769483 \cdot 273818481499 \cdot P_{15},\ B_1 = 203$

$P_{15}^{2} \Rightarrow 3 \cdot 3709 \cdot 2024730931357 \cdot P_{13},\ B_1 = 252$

$P_{13}^{2} \Rightarrow 19 \ldots,\ D$

$P_{13}^{4} \Rightarrow n,\ B_1 = 326;\ \ q^6,\ B_3 = 301$

$P_{15}^{4} \Rightarrow 571 \cdot 9311 \cdot 46687261 \cdot 871804631 \cdot 475983062201 \cdot P_{23},\ B_1 = 339$

$P_{15}^{6} \Rightarrow 43 \cdot n,\ B_1 = 349;\ \ q^{10},\ B_3 = 318$

$p_{25}^{4} \Rightarrow 41 \cdot 1674941 \cdot 32477189881 \cdot p_{78},\ B_1 = 273$

$p_{78}^{1} \Rightarrow 53 \cdot n,\ B_1 = 352;\ \ q^2,\ B_3 = 340$

$p_{25}^{6} \Rightarrow 7 \cdot n,\ B_1 = 350;\ \ q^{10},\ B_2 = 480$

$1123^{12} \Rightarrow 53 \cdot 1128748349 \cdot 22917277423 \cdot P_{16},\ B_1 = 120$

$P_{16}^{2} \Rightarrow 3 \cdot 79 \cdot 3163 \cdot 24697 \cdot 4377343 \cdot p_{15},\ B_1 = 177$

$p_{15}^{1} \Rightarrow p_{14},\ B_1 = 204$

$p_{14}^{2} \Rightarrow 3 \cdot 7 \cdot 337 \cdot 267199 \cdot p_{19},\ B_1 = 256$

$p_{19}^{2} \Rightarrow 3 \cdot 13 \cdot 31 \cdot 61 \ldots,\ S\ \ 3^4 \cdot 7^{10} \cdot 13^2 \cdot 31^2 \cdot 53^2 \cdot 61^2$

$p_{19}^{4} \Rightarrow n,\ B_1 = 365;\ \ q^6,\ B_3 = 329$

$p_{14}^{4} \Rightarrow 28631 \cdot 2758169501 \cdot n,\ B_1 = 300$

$p_{14}^{6} \Rightarrow n,\ B_1 = 341;\ \ q^{10},\ B_3 = 314$

$p_{15}^{2} \Rightarrow 3 \cdot 13 \cdot 67 \cdot 317263 \cdot 448590859 \cdot 30466174603,\ B_1 = 237$

$30466174603^2 \Rightarrow 3 \cdot 7^2 \cdot 3853 \cdot 14389 \cdot 113890866487,\ B_1 = 275$

$113890866487^2 \Rightarrow 3 \cdot 5821 \cdot P_{18},\ B_1 = 319$

$113890866487^4 \Rightarrow n,\ B_1 = 342;\ \ q^6,\ B_3 = 319$

$30466174603^4 \Rightarrow n,\ B_1 = 300$

$30466174603^6 \Rightarrow n,\ B_1 = 342;\ \ q^{10},\ B_3 = 321$

$p_{15}^{4} \Rightarrow 31 \cdot 1524100466434298691624548281 \cdot P_{28},\ B_1 = 304$

$p_{15}^{6} \Rightarrow n,\ B_1 = 322$

$p_{15}^{10} \Rightarrow 23 \cdot 199 \cdot n,\ B_1 = 438;\ q^{12},\ B_2 = 336$

$P_{16}^{4} \Rightarrow 5 \cdot 31 \cdot 2006178075348329392 1 \cdot P_{41},\ B_1 = 264$

$P_{41}^{2} \Rightarrow 31 \cdot 823 \cdot n,\ B_1 = 346;\ q^4,\ B_3 = 345$

$P_{16}^{6} \Rightarrow 29 \cdot 259309 \cdot 11658739 \cdot P_{79},\ B_1 = 367;\ q^{10},\ B_2 = 309$

$1123^{16} \Rightarrow 17 \cdot 103 \cdot 1667 \cdot 6587892874242198998 87 \cdot P_{22},\ B_1 = 164$

$P_{22}^{2} \Rightarrow 3 \cdot 157 \cdot 211 \cdot 643 \cdot 196853911 \cdot 154074954661 \cdot p_{16},\ B_1 = 236$

$p_{16}^{1} \Rightarrow 463 \cdot 2767 \cdot 2233463569,\ B_1 = 267$

$2233463569^{2} \Rightarrow 3 \cdot 181 \cdot p_{16},\ B_1 = 303$

$2233463569^{4} \Rightarrow n,\ B_1 = 323;\ q^6,\ B_3 = 304$

$p_{16}^{2} \Rightarrow 3 \cdot 193 \cdot 439 \cdot 1987 \cdot 182211737671 \cdot 355861280011,\ B_1 = 302$

$p_{16}^{4} \Rightarrow 31 \cdot n,\ B_1 = 336;\ q^6,\ B_3 = 303$

$P_{22}^{4} \Rightarrow 41 \cdot 325001 \cdot 73840015314812261 \cdot n,\ B_1 = 302$

$P_{22}^{6} \Rightarrow 7 \cdot n,\ B_1 = 378;\ q^{10},\ B_2 = 430$

$1123^{18} \Rightarrow 761 \cdot p_{53},\ B_1 = 132$

$p_{53}^{1} \Rightarrow 127 \ldots,\ D$

$p_{53}^{2} \Rightarrow 72421 \cdot 552583 \cdot 3399414255576463 \cdot P_{78},\ B_1 = 387;\ q^4,\ B_2 = 416$

$1123^{22} \Rightarrow 47 \cdot 11635609 \cdot 42002509 \cdot 33658073731 \cdot 41292578210753 \cdot p_{27},\ B_1 = 194$

$p_{27}^{1} \Rightarrow 3 \cdot 53 \cdot 71 \cdot 45817 \cdot P_{18},\ B_1 = 246$

$P_{18}^{2} \Rightarrow 13 \cdot 97 \cdot 5437 \cdot p_{29},\ B_1 = 317$

$P_{18}^{4} \Rightarrow 11 \cdot n,\ B_1 = 353;\ q^6,\ B_3 = 317$

$p_{27}^{2} \Rightarrow 3307 \cdot 3673 \cdot 6949 \cdot 462767293 \cdot 468455293 \cdot 2625448946371 \cdot P_{13},\ B_1 = 313$

$p_{27}^{4} \Rightarrow n,\ B_1 = 366;\ q^6,\ B_2 = 319$

$1123^{28} \Rightarrow 25579 \cdot 65669715202583939206 31 \cdot p_{60},\ B_1 = 216$

$p_{60}^{1} \Rightarrow 5 \cdot 149749 \cdot 216127 \cdot 596716037 \cdot 1279365264367 \cdot P_{27},\ B_1 = 334$

$p_{60}^{2} \Rightarrow 3 \cdot 7 \cdot 151 \cdot n,\ B_1 = 395;\ q^4,\ B_2 = 473$

$1123^{30} \Rightarrow 19954453 \cdot 24505183546979 \cdot$
$157972852345313 \cdot 30505102593521 99842056787 \cdot p_{33},\ B_1 = 261$

$p_{33}^{1} \Rightarrow 5 \cdot 50640727 \cdot P_{24},\ B_1 = 325$

$p_{33}^{2} \Rightarrow 3 \cdot 13^2 \cdot n,\ B_1 = 344;\ q^4,\ B_3 = 344$

$1123^{36} \Rightarrow 149 \cdot 223 \cdot 1259 \cdot 14907526676214310120941889991 \cdot P_{75},\ B_1 = 346$

$1123^{40} \Rightarrow 83 \cdot 1559 \cdot 676009 \cdot 7520409011 \cdot 27126895273 \cdot P_{91},\ B_1 = 374$

$1123^{42} \Rightarrow 173 \cdot 192038497267647529 \cdot c_{109},\ B_1 = 277$

$p_{18}^{1} \Rightarrow 5 \cdot 1607 \cdot 8081 \cdot 1478792759,\ B_1 = 311$

$p_{18}^{2} \Rightarrow 3 \cdot 7 \cdot 853 \cdot n,\ B_1 = 329;\ q^4,\ B_3 = 327$

$1123^{46} \Rightarrow n,\ B_1 = 300;\ q^{52},\ B_2 = 317$

$7^{12} \Rightarrow 16148168401,\ B_1 = 20$

$16148168401^{1} \Rightarrow 103 \cdot 709 \cdot 110563,\ B_1 = 40$

$110563^{2} \Rightarrow 3 \cdot 17971 \cdot 226741,\ B_1 = 60$

$226741^{2} \Rightarrow 3 \cdot 7^4 \cdot 1867 \cdot 3823,\ B_1 = 74$

$3823^{2} \Rightarrow 3 \cdot 4873051,\ B_1 = 88$

$4873051^{2} \Rightarrow 19 \ldots,\ D$

$4873051^{4} \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^{12}$

$4873051^{6} \Rightarrow 7 \cdot 29 \cdot 71 \cdot 9311 \cdot 1862687 \cdot 4580731 \cdot P_{20},\ B_1 = 193$

$P_{20}^{2} \Rightarrow 3 \cdot P_{38},\ B_1 = 269$

$P_{38}^{2} \Rightarrow 3 \cdot n,\ B_1 = 344;\ q^4,\ B_3 = 344$

$P_{20}^{4} \Rightarrow 11 \cdot 61 \ldots,\ S\ \ 3^4 \cdot 7^{12} \cdot 11^2 \cdot 29^2 \cdot 61^2$

$P_{20}^{6} \Rightarrow 7 \cdot 113 \cdot 211 \cdot 421 \cdot n,\ B_1 = 390;\ q^{10},\ B_2 = 381$

$4873051^{10} \Rightarrow 23 \cdot 397 \cdot 19009 \cdot 1007711 \cdot 1603536551 \cdot 498450659257 \cdot P_{32},\ B_1 = 275$

$P_{32}^{2} \Rightarrow 3 \cdot n,\ B_1 = 338;\ q^4,\ B_3 = 339$

$4873051^{12} \Rightarrow 13 \cdot 131 \cdot 547 \cdot 660591536239235719 \cdot P_{57},\ B_1 = 315$

$4873051^{16} \Rightarrow 17 \cdot 786842009 \cdot c_{97},\ B_1 = 299$

$786842009^{2} \Rightarrow 7 \cdot n,\ B_1 = 316;\ q^4,\ B_3 = 316$

$4873051^{18} \Rightarrow n,\ B_1 = 315$

$4873051^{22} \Rightarrow n,\ B_1 = 369;\ \ q^{28},\ B_2 = 374$

$3823^4 \Rightarrow 41 \cdot p_{13},\ B_1 = 109$

$p_{13}^2 \Rightarrow 3 \cdot 7^2 \cdot 13 \cdot 4519 \cdot P_{19},\ B_1 = 157$

$P_{19}^2 \Rightarrow 3 \cdot 17137 \cdot 20743 \cdot 35221 \cdot p_{24},\ B_1 = 230$

$p_{24}^2 \Rightarrow 3 \cdot 91737781 \cdot 92686061414173 \cdot p_{25},\ B_1 = 324$

$p_{24}^4 \Rightarrow 131 \cdot n,\ B_1 = 373;\ \ q^6,\ B_3 = 324$

$P_{19}^4 \Rightarrow 11 \ldots,\ S\ \ 3^4 \cdot 7^{12} \cdot 11^2 \cdot 13^2$

$P_{19}^6 \Rightarrow 29 \ldots,\ S\ \ 3^4 \cdot 7^{12} \cdot 13^2 \cdot 29^2 \cdot 41^2$

$P_{19}^{10},\ B_2 = 369$

$p_{13}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^{12}$

$p_{13}^6 \Rightarrow 1597 \cdot 10781 \cdot 109621 \cdot 384301 \cdot 78992831 \cdot 7544738306771 \cdot 1839030632803971881 \cdot P_{20},\ B_1 = 313$

$p_{13}^{10} \Rightarrow n,\ B_1 = 338;\ \ q^{12},\ B_2 = 305$

$3823^6 \Rightarrow 7 \cdot 29 \cdot 491 \cdot p_{17},\ B_1 = 129$

$p_{17}^2 \Rightarrow 19 \ldots,\ D$

$p_{17}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^{12}$

$p_{17}^6 \Rightarrow 7 \cdot 29 \cdot 71 \cdot 197 \cdot 239 \cdot c_{91},\ B_1 = 298$

$239^2 \Rightarrow 19 \ldots,\ D;\ \ q^4,\ B_3 = 303$

$p_{17}^{10},\ B_2 = 329$

$3823^{10} \Rightarrow 42307 \cdot 85009 \cdot P_{27},\ B_1 = 174$

$P_{27}^2 \Rightarrow 43 \cdot 2137 \cdot P_{48},\ B_1 = 279$

$P_{48}^2 \Rightarrow 3 \cdot 313 \cdot n,\ B_1 = 377;\ \ q^4,\ B_2 = 380$

$P_{27}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^{12}$

$P_{27}^6,\ B_2 = 315$

$3823^{12} \Rightarrow 13 \cdot 10687 \cdot 31721 \cdot 369097 \cdot 22260629 \cdot P_{21},\ B_1 = 195$

$P_{21}^2 \Rightarrow 3 \cdot 25609 \cdot 4054250606734057 \cdot P_{21},\ B_1 = 277$

$P_{21}^2 \Rightarrow 3 \cdot 61 \cdot n,\ B_1 = 319;\ \ q^4,\ B_3 = 318$

$P_{21}^4 \Rightarrow 151 \cdot n,\ B_1 = 320$

$P_{21}^6 \Rightarrow 7 \cdot 71 \cdot n,\ B_1 = 401;\ \ q^{10},\ B_2 = 408$

$3823^{16} \Rightarrow 1871 \cdot 7753 \cdot 12349039 \cdot 562036049 \cdot p_{35},\ B_1 = 238$

$p_{35}^2 \Rightarrow 31 \cdot n,\ B_1 = 308;\ \ q^4,\ B_3 = 307$

$3823^{18} \Rightarrow 153434889660683954432261024327561 \cdot p_{33},\ B_1 = 260$

$p_{33}^2 \Rightarrow 13 \cdot n,\ B_1 = 326;\ \ q^4,\ B_3 = 324$

$3823^{22} \Rightarrow 47 \cdot 829 \cdot 20011 \cdot 1228109 \cdot 36176747 \cdot 846677589146533367949524 2189 \cdot P_{29},\ B_1 = 303$

$3823^{28} \Rightarrow 156253 \cdot p_{96},\ B_1 = 367$

$3823^{30} \Rightarrow 311 \cdot 5401768082184776509 21 \cdot P_{85},\ B_1 = 389$

$3823^{36} \Rightarrow 223 \cdot n,\ B_1 = 327$

$3823^{40} \Rightarrow n,\ B_1 = 353;\ \ q^{42},\ B_2 = 300$

$226741^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^{12}$

$226741^6 \Rightarrow 197 \cdot 94907 \cdot 3727678613 \cdot p_{16},\ B_1 = 146$

$3727678613^2 \Rightarrow 13 \cdot 705079 \cdot p_{13},\ B_1 = 184$

$p_{13}^2 \Rightarrow 3 \cdot 13 \cdot 37 \cdot 421 \cdot 5569 \cdot p_{15},\ B_1 = 229$

$p_{15}^2 \Rightarrow 3 \cdot p_{30},\ B_1 = 289$

$p_{30}^2 \Rightarrow 3 \cdot 13 \cdot n,\ B_1 = 348;\ \ q^4,\ B_3 = 347$

$p_{15}^4 \Rightarrow 11 \ldots,\ S\ \ 3^2 \cdot 7^{12} \cdot 11^2 \cdot 13^2$

$p_{15}^6 \Rightarrow 29 \cdot n,\ B_1 = 379;\ \ q^{10},\ B_3 = 348$

$p_{13}^4 \Rightarrow 3541 \cdot 2094331 \cdot P_{39},\ B_1 = 306$

$p_{13}^6 \Rightarrow 7 \cdot n,\ B_1 = 305$

$p_{13}^{10} \Rightarrow 67 \cdot n,\ B_1 = 405;\ \ q^{12},\ B_3 = 306$

$3727678613^4 \Rightarrow 48640301 \cdot p_{31},\ B_1 = 241$

$p_{31}^2 \Rightarrow 7 \cdot 103 \cdot n,\ B_1 = 300;\ \ q^4,\ B_3 = 302$

$3727678613^6 \Rightarrow 7 \cdot 29^2 \cdot 71^2 \cdot 394522801 \cdot 1024755497910439 \cdot P_{27},\ B_1 = 290$

$P_{27}^2 \Rightarrow 3 \cdot 97 \cdot n,\ B_1 = 345;\ \ q^4,\ B_3 = 343$

6345: $3727678613^{10} \Rightarrow 23 \cdot 67 \cdot 89 \cdot n,\ B_1 = 323$

6346: $3727678613^{12} \Rightarrow 79 \cdot 547 \cdot n,\ B_1 = 361;\ \ q^{16},\ B_2 = 306$

6348: $226741^{10} \Rightarrow 10253 \cdot 66529 \cdot 68949216914212889 11 \cdot p_{26},\ B_1 = 210$

6349: $p_{26}^2 \Rightarrow 3 \cdot 13 \cdot 4574149 \cdot 41423623 \cdot 117038436367 \cdot p_{25},\ B_1 = 312$

6350: $p_{26}^4 \Rightarrow n,\ B_1 = 365;\ \ q^6,\ B_3 = 313$

6352: $226741^{12} \Rightarrow 113413873 \cdot 6458686391 \cdot 63716791273521829 \cdot P_{30},\ B_1 = 242$

6353: $P_{30}^2 \Rightarrow n,\ B_1 = 301;\ \ q^4,\ B_3 = 301$

6355: $226741^{16} \Rightarrow 1429 \cdot 9419 \cdot 46606997 \cdot P_{71},\ B_1 = 306$

6356: $226741^{18} \Rightarrow 1716129439 \cdot 10125120293 \cdot 1305845944691541137 \cdot p_{60},\ B_1 = 338$

6357: $226741^{22} \Rightarrow 277 \cdot c_{116},\ B_1 = 287$

6358: $277^2 \Rightarrow 19 \ldots,\ D$

6359: $277^4 \Rightarrow n,\ B_1 = 302$

6360: $277^6 \Rightarrow 29 \cdot n,\ B_1 = 313;\ \ q^{10},\ B_3 = 307$

6362: $226741^{28} \Rightarrow 59 \cdot 233 \cdot n,\ B_1 = 353;\ \ q^{30},\ B_2 = 321$

6364: $110563^4 \Rightarrow p_{21},\ B_1 = 90$

6365: $p_{21}^2 \Rightarrow 7^2 \cdot 37 \cdot 103 \cdot 249470743 \cdot 12246841879 \cdot p_{17},\ B_1 = 163$

6366: $p_{17}^2 \Rightarrow 3 \cdot 8419 \cdot 17361223741 \cdot P_{19},\ B_1 = 230$

6367: $P_{19}^2 \Rightarrow 3 \cdot 31 \cdot 8353 \cdot 12301 \cdot p_{28},\ B_1 = 303$

6368: $P_{19}^4 \Rightarrow n,\ B_1 = 341;\ \ q^6,\ B_3 = 304$

6370: $p_{17}^4 \Rightarrow 5 \cdot 431 \cdot 37349381 \cdot 8922316471 \cdot 21159749070402571 \cdot P_{30},\ B_1 = 329$

6371: $p_{17}^6 \Rightarrow 43 \cdot n,\ B_1 = 331;\ \ q^{10},\ B_2 = 331$

6373: $p_{21}^4 \Rightarrow 5 \cdot 11 \cdot 881 \cdot 804685560391 \cdot p_{65},\ B_1 = 292$

6374: $p_{65}^2 \Rightarrow 127 \ldots,\ D;\ \ q^4,\ B_2 = 512$

6376: $p_{21}^6 \Rightarrow 49457654360219649698140351 \cdot p_{96},\ B_1 = 413;\ \ q^{10},\ B_2 = 403$

6378: $110563^6 \Rightarrow 113 \cdot 36107 \cdot 140533 \cdot P_{19},\ B_1 = 120$

6379: $P_{19}^2 \Rightarrow 3 \cdot 103 \cdot 65119 \cdot P_{30},\ B_1 = 190$

6380: $P_{30}^2 \Rightarrow 3 \cdot 7^2 \cdot P_{58},\ B_1 = 305$

6381: $P_{30}^4 \Rightarrow 101 \cdot n,\ B_1 = 371;\ \ q^6,\ B_2 = 356$

6383: $P_{19}^4 \Rightarrow 5 \cdot 11^2 \cdot 14373901 \cdot 54544779798968531 \cdot P_{48},\ B_1 = 303$

6384: $P_{19}^6 \Rightarrow 7 \cdot 113 \cdot 281 \cdot 463 \cdot 743 \cdot n,\ B_1 = 310;\ \ q^{10},\ B_2 = 370$

6386: $110563^{10} \Rightarrow 23 \cdot 8537 \cdot 43287773 \cdot P_{38},\ B_1 = 181$

6387: $P_{38}^2 \Rightarrow 3 \cdot 30520089431838604497 07 \cdot p_{54},\ B_1 = 331;\ \ q^4,\ B_2 = 300$

6389: $110563^{12} \Rightarrow 34919 \cdot 27829610537 \cdot 549068487193159550 77 \cdot P_{26},\ B_1 = 211$

6390: $P_{26}^2 \Rightarrow 3 \cdot 103 \cdot 38707 \cdot P_{45},\ B_1 = 310$

6391: $P_{26}^4 \Rightarrow 5 \cdot 601 \cdot n,\ B_1 = 369;\ \ q^6,\ B_3 = 314$

6393: $110563^{16} \Rightarrow 647 \cdot 55433533 \cdot$
$157638947638542832332376116253474187343 \cdot P_{33},\ B_1 = 272$

6394: $P_{33}^2 \Rightarrow 7 \cdot n,\ B_1 = 336;\ \ q^4,\ B_3 = 337$

6396: $110563^{18} \Rightarrow 1483 \cdot P_{88},\ B_1 = 302$

6397: $110563^{22} \Rightarrow 18539 \cdot 6749213 \cdot 31512808806967 \cdot p_{87},\ B_1 = 362$

6398: $110563^{28} \Rightarrow n,\ B_1 = 312;\ \ q^{30},\ B_2 = 302$

6400: $16148168401^2 \Rightarrow 3 \cdot 433 \cdot p_{18},\ B_1 = 54$

6401: $p_{18}^1 \Rightarrow 7^2 \cdot 4966373 \cdot 412450637,\ B_1 = 84$

6402: $412450637^2 \Rightarrow 7 \cdot p_{17},\ B_1 = 117$

6403: $p_{17}^2 \Rightarrow 3 \cdot 4759 \cdot 46489 \cdot 809359 \cdot p_{19},\ B_1 = 182$

6404: $p_{19}^2 \Rightarrow 3 \cdot 7 \cdot 73 \cdot 9649 \cdot 81815563 \cdot p_{21},\ B_1 = 252$

6405: $p_{21}^2 \Rightarrow 19 \ldots,\ D$

6406: $p_{21}^4 \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^{12}$

6407: $p_{21}^6,\ B_3 = 336$

6408: $p_{19}^4 \Rightarrow 11 \cdot 71 \cdot 36094178999551 \cdot n,\ B_1 = 306$

6409: $p_{19}^6 \Rightarrow 43 \cdot n,\ B_1 = 364;\ \ q^{10},\ B_2 = 360$

6411: $p_{17}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^{12}$

6412: $p_{17}^6 \Rightarrow 7 \cdot 43 \cdot 14732248804477 \cdot P_{83},\ B_1 = 377;\ \ q^{10},\ B_2 = 327$

6414: $412450637^4 \Rightarrow 11 \cdot 31 \cdot 110713695745721 \cdot p_{18},\ B_1 = 170$

$p_{18}^2 \Rightarrow 19\ldots,\ D$

$p_{18}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^{12}$

$p_{18}^6 \Rightarrow n,\ B_1 = 349;\ \ q^{10},\ B_2 = 357$

$412450637^6 \Rightarrow 2647\cdot 23451457\cdot p_{41},\ B_1 = 222$

$p_{41}^2 \Rightarrow 3\cdot 13\cdot n,\ B_1 = 304;\ \ q^4,\ B_2 = 327$

$412450637^{10} \Rightarrow 23\cdot 68639539\cdot 3489876483469729\cdot P_{62},\ B_1 = 325$

$412450637^{12} \Rightarrow 13\cdot 17837\cdot 19861146527\cdot P_{88},\ B_1 = 377$

$412450637^{16} \Rightarrow 239\cdot n,\ B_1 = 345;\ \ q^{18},\ B_2 = 310$

$p_{18}^2 \Rightarrow 3\cdot 1327\cdot 2630809123\cdot 59954796907\cdot 64175509327,\ B_1 = 137$

$64175509327^2 \Rightarrow 3\cdot P_{22},\ B_1 = 180$

$P_{22}^2 \Rightarrow 3\cdot 46543598263\cdot p_{32},\ B_1 = 235$

$p_{32}^1 \Rightarrow 5\ldots,\ S\ \ 3^4\cdot 5^2\cdot 7^{12}$

$p_{32}^2 \Rightarrow 3\cdot n,\ B_1 = 326;\ \ q^4,\ B_3 = 326$

$P_{22}^4 \Rightarrow 41\cdot n,\ B_1 = 308$

$P_{22}^6 \Rightarrow n,\ B_1 = 391;\ \ q^{10},\ B_2 = 422$

$64175509327^4 \Rightarrow 61\cdot 601\cdot 1776701\cdot 739367693312861\cdot p_{18},\ B_1 = 230$

$p_{18}^1 \Rightarrow 3\cdot 11^3\cdot 4700567\cdot 9382501,\ B_1 = 262$

$9382501^2 \Rightarrow 3\cdot 7^2\cdot 163\cdot 7951\cdot 462073,\ B_1 = 286$

$462073^2 \Rightarrow 3\cdot 397\cdot n,\ B_1 = 300$

$462073^4 \Rightarrow 71\cdot n,\ B_1 = 321;\ \ q^6,\ B_3 = 308$

$9382501^4 \Rightarrow 5\ldots,\ S\ \ 3^4\cdot 5^2\cdot 7^{12}$

$9382501^6 \Rightarrow 883\cdot n,\ B_1 = 335;\ \ q^{10},\ B_3 = 318$

$p_{18}^2 \Rightarrow 106747\cdot 2897011417\cdot 5969148541\cdot 67201361737,\ B_1 = 303$

$p_{18}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5\cdot 7^{12}$

$p_{18}^6,\ B_3 = 303$

$64175509327^6 \Rightarrow 1298963\cdot 148074991\cdot 145132549640036045501933\cdot p_{28},\ B_1 = 285$

$p_{28}^1 \Rightarrow n,\ B_1 = 312$

$p_{28}^2 \Rightarrow 3\cdot n,\ B_1 = 344;\ \ q^4,\ B_3 = 344$

$64175509327^{10} \Rightarrow 89\cdot n,\ B_1 = 333$

$64175509327^{12} \Rightarrow n,\ B_1 = 374;\ \ q^{16},\ B_2 = 345$

$p_{18}^4 \Rightarrow 191\cdot 1551551\cdot 1542398911\cdot P_{52},\ B_1 = 241$

$P_{52}^2 \Rightarrow n,\ B_1 = 344;\ \ q^4,\ B_2 = 412$

$p_{18}^6 \Rightarrow 188917037\cdot P_{96},\ B_1 = 339;\ \ q^{10},\ B_2 = 346$

$16148168401^4 \Rightarrow 5\cdot 61\cdot p_{39},\ B_1 = 94$

$p_{39}^1 \Rightarrow 633923\cdot 26956151\cdot P_{25},\ B_1 = 170$

$P_{25}^2 \Rightarrow 3\cdot 7\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^{12}$

$P_{25}^4 \Rightarrow 11\cdot n,\ B_1 = 320$

$P_{25}^6 \Rightarrow 911\cdot n,\ B_1 = 421;\ \ q^{10},\ B_2 = 496$

$p_{39}^2 \Rightarrow 3\ldots,\ S\ \ 3^2\cdot 5\cdot 7^{12}$

$p_{39}^4,\ B_2 = 306$

$16148168401^6 \Rightarrow 7\cdot 113\cdot 911\cdot 3938257\cdot 445646455759\cdot p_{38},\ B_1 = 155$

$p_{38}^1 \Rightarrow 5\cdot 41\cdot 233\cdot 2341861\cdot p_{26},\ B_1 = 228$

$p_{26}^2 \Rightarrow 19\ldots,\ D$

$p_{26}^4 \Rightarrow n,\ B_1 = 383;\ \ q^6,\ B_3 = 331$

$p_{38}^2 \Rightarrow 3\cdot 6079\cdot 175453\cdot 1238989\cdot 1695083713\cdot P_{50},\ B_1 = 331$

$p_{38}^4 \Rightarrow 181\cdot n,\ B_1 = 410;\ \ q^6,\ B_2 = 445$

$16148168401^{10} \Rightarrow 54869\cdot 520418635397783\cdot p_{83},\ B_1 = 233$

$p_{83}^1 \Rightarrow 3^2\cdot 991\cdot n,\ B_1 = 319;\ \ q^2,\ B_2 = 330$

$16148168401^{12} \Rightarrow 13\cdot p_{122},\ B_1 = 256$

$p_{122}^1 \Rightarrow 239\cdot 397\cdot n,\ B_1 = 382;\ \ q^2,\ B_2 = 485$

$16148168401^{16},\ B_2 = 326$

$7^{16} \Rightarrow 14009\cdot 2767631689,\ B_1 = 31$

$2767631689^1 \Rightarrow 5\cdot 276763169,\ B_1 = 49$

$276763169^2 \Rightarrow 19\ldots,\ D$

$276763169^{4} \Rightarrow 71 \cdot 2621 \cdot 345221 \cdot 9327281 \cdot P_{16},\ B_1 = 133$

$P_{16}^{2} \Rightarrow 3 \ldots,\ S\ 3^2 \cdot 5^2 \cdot 7^{16}$

$P_{16}^{4} \Rightarrow 5 \cdot 11 \cdot 41 \cdot 2270171941 \cdot 7008093401 \cdot 7084638233825416331 \cdot p_{23},\ B_1 = 292$

$p_{23}^{2} \Rightarrow 19 \ldots,\ D$

$p_{23}^{4},\ B_3 = 337$

$P_{16}^{6} \Rightarrow 3347 \cdot 4201 \cdot 19937 \cdot 162079 \cdot 280589 \cdot n,\ B_1 = 315;\ q^{10},\ B_2 = 319$

$276763169^{6} \Rightarrow 29 \cdot 197 \cdot 449 \cdot 92779 \cdot 290627 \cdot P_{34},\ B_1 = 184$

$P_{34}^{2} \Rightarrow 3 \ldots,\ S\ 3^2 \cdot 5^2 \cdot 7^{16}$

$P_{34}^{4} \Rightarrow 5 \cdot 11 \cdot n,\ B_1 = 387;\ q^{6},\ B_2 = 405$

$276763169^{10} \Rightarrow 11 \cdot 23 \cdot 331 \cdot 1472723085307 \cdot P_{68},\ B_1 = 285$

$P_{68}^{2} \Rightarrow 3 \cdot 7 \ldots,\ S\ 3^2 \cdot 5^2 \cdot 7^{16}$

$P_{68}^{4},\ B_2 = 538$

$276763169^{12} \Rightarrow 468002006161 \cdot 4401768543901 \cdot 24024775850869 \cdot 113382239440331993 \cdot 12185333422242851172487 \cdot P_{26},\ B_1 = 336$

$276763169^{16} \Rightarrow 137^2 \cdot 443 \cdot n,\ B_1 = 305;\ q^{18},\ B_2 = 303$

$2767631689^{2} \Rightarrow 3 \cdot 7^3 \cdot 109 \cdot 751 \cdot 2659 \cdot 34199239,\ B_1 = 69$

$34199239^{2} \Rightarrow 3 \cdot 7 \cdot 13 \cdot 43 \cdot 103 \cdot 139 \cdot 1567 \cdot 4441,\ B_1 = 96$

$4441^{1} \Rightarrow 2221,\ B_1 = 103$

$2221^{2} \Rightarrow 3 \cdot 7 \cdot 235003,\ B_1 = 115$

$235003^{2} \Rightarrow 19 \ldots,\ D$

$235003^{4} \Rightarrow 93877591 \cdot P_{14},\ B_1 = 169$

$P_{14}^{2} \Rightarrow 13 \cdot 340119319 \cdot P_{18},\ B_1 = 221$

$P_{18}^{2} \Rightarrow 3 \cdot 7 \cdot 88237 \cdot 251149 \cdot p_{24},\ B_1 = 288$

$p_{24}^{2} \Rightarrow 19 \ldots,\ D$

$p_{24}^{4},\ B_3 = 334$

$P_{18}^{4} \Rightarrow n,\ B_1 = 325$

$P_{18}^{6} \Rightarrow 71 \ldots,\ S\ 3^4 \cdot 7^{16} \cdot 13^2 \cdot 43^2 \cdot 71^2 \cdot 103^2 \cdot 109^2 \cdot 139^2$

$P_{18}^{10},\ B_3 = 360$

$P_{14}^{4} \Rightarrow 5 \ldots,\ S\ 3^4 \cdot 5^2 \cdot 7^{16}$

$P_{14}^{6} \Rightarrow 211 \cdot 463 \cdot n,\ B_1 = 309$

$P_{14}^{10} \Rightarrow 23 \ldots,\ S\ 3^4 \cdot 7^{16} \cdot 13^2 \cdot 23^2 \cdot 43^2$

$P_{14}^{12},\ B_2 = 324$

$235003^{6} \Rightarrow 29 \ldots,\ S\ 3^4 \cdot 7^{16} \cdot 13^2 \cdot 29^2 \cdot 43^2$

$235003^{10} \Rightarrow 23 \ldots,\ S\ 3^4 \cdot 7^{16} \cdot 13^2 \cdot 23^2 \cdot 43^2$

$235003^{12} \Rightarrow 14461290793 \cdot 13183880898059 \cdot P_{42},\ B_1 = 298$

$P_{42}^{2} \Rightarrow n,\ B_1 = 380;\ q^{4},\ B_3 = 380$

$235003^{16} \Rightarrow 1361 \cdot 51137 \cdot 11463788569 \cdot p_{69},\ B_1 = 362$

$235003^{18} \Rightarrow 75773 \cdot p_{92},\ B_1 = 394$

$235003^{22} \Rightarrow 47 \ldots,\ S\ 3^4 \cdot 7^{16} \cdot 13^2 \cdot 43^2 \cdot 47^2 \cdot 103^2 \cdot 109^2$

$235003^{28},\ B_2 = 300$

$2221^{4} \Rightarrow 5 \ldots,\ S\ 3^2 \cdot 5^2 \cdot 7^{16}$

$2221^{6} \Rightarrow 71 \cdot 1429 \cdot p_{16},\ B_1 = 157$

$p_{16}^{2} \Rightarrow 109 \cdot 1297 \cdot 1928257 \cdot P_{19},\ B_1 = 213$

$P_{19}^{2} \Rightarrow 19 \ldots,\ D$

$P_{19}^{4} \Rightarrow n,\ B_1 = 325$

$P_{19}^{6} \Rightarrow n,\ B_1 = 400;\ q^{10},\ B_2 = 374$

$p_{16}^{4} \Rightarrow 260583039927735848319535 51 \cdot P_{35},\ B_1 = 308$

$p_{16}^{6} \Rightarrow 7 \cdot n,\ B_1 = 307;\ q^{10},\ B_2 = 301$

$2221^{10} \Rightarrow 23 \ldots,\ S\ 3^2 \cdot 7^{16} \cdot 13^2 \cdot 23^2 \cdot 43^2 \cdot 103^2 \cdot 109^2 \cdot 139^2$

$2221^{12} \Rightarrow 859 \cdot P_{38},\ B_1 = 217$

$P_{38}^{2} \Rightarrow 3 \cdot 4933 \cdot P_{71},\ B_1 = 366$

$P_{38}^{4} \Rightarrow 181 \cdot 241 \cdot n,\ B_1 = 445;\ q^{6},\ B_2 = 446$

$2221^{16} \Rightarrow 297865685641 \cdot 52023538485262301 \cdot p_{26},\ B_1 = 257$

$p_{26}^{2} \Rightarrow 3 \cdot 61 \ldots,\ S\ 3^4 \cdot 7^{16} \cdot 13^2 \cdot 43^2 \cdot 61^2 \cdot 103^2 \cdot 109^2$

$p_{26}^4,\ B_3 = 308$

$2221^{18} \Rightarrow 457 \cdot 31883 \cdot 281353 \cdot 2349313 \cdot 134917823 \cdot 1050944569 \cdot P_{25},\ B_1 = 277$

$P_{25}^2 \Rightarrow 3 \cdot 31 \cdot 61 \ldots,\ S\ \ 3^4 \cdot 7^{16} \cdot 13^2 \cdot 31^2 \cdot 43^2 \cdot 61^2$

$P_{25}^4,\ B_3 = 326$

$2221^{22} \Rightarrow 47 \cdot 3359 \cdot 474649267399641721 \cdot P_{51},\ B_1 = 318$

$2221^{28} \Rightarrow 20476659709095299341 \cdot p_{75},\ B_1 = 378$

$2221^{30} \Rightarrow 373 \cdot n,\ B_1 = 300$

$2221^{36} \Rightarrow 37 \cdot n,\ B_1 = 339$

$2221^{40} \Rightarrow 83 \cdot n,\ B_1 = 366$

$2221^{42} \Rightarrow n,\ B_1 = 378;\ \ q^{46},\ B_2 = 307$

$4441^2 \Rightarrow 3 \cdot 6575641,\ B_1 = 108$

$6575641^1 \Rightarrow 3287821,\ B_1 = 121$

$3287821^2 \Rightarrow 3 \cdot 965647 \cdot 3731443,\ B_1 = 146$

$3731443^2 \Rightarrow 3 \cdot 7 \cdot 3049 \cdot 6709 \cdot 32413,\ B_1 = 171$

$32413^2 \Rightarrow 3 \cdot 79 \ldots,\ S\ \ 3^6 \cdot 7^{16} \cdot 13^2 \cdot 43^2 \cdot 79^2 \cdot 103^2 \cdot 109^2$

$32413^4 \Rightarrow p_{19},\ B_1 = 216$

$p_{19}^2 \Rightarrow 7 \cdot 13 \cdot 1407709 \cdot 11544727 \cdot P_{21},\ B_1 = 284$

$P_{21}^2 \Rightarrow 3 \cdot 181 \ldots,\ S\ \ 3^6 \cdot 7^{16} \cdot 13^2 \cdot 43^2 \cdot 103^2 \cdot 109^2 \cdot 139^2 \cdot 181^2$

$P_{21}^4,\ B_3 = 326$

$p_{19}^4 \Rightarrow 5 \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 7^{16}$

$p_{19}^6 \Rightarrow 127 \ldots,\ D$

$p_{19}^{10},\ B_2 = 360$

$32413^6 \Rightarrow 29 \ldots,\ S\ \ 3^6 \cdot 7^{16} \cdot 13^2 \cdot 29^2 \cdot 43^2$

$32413^{10} \Rightarrow 23 \ldots,\ S\ \ 3^6 \cdot 7^{16} \cdot 13^2 \cdot 23^2 \cdot 43^2$

$32413^{12} \Rightarrow 1086931 \cdot 1690554516835861 \cdot P_{33},\ B_1 = 324$

$32413^{16} \Rightarrow n,\ B_1 = 306$

$32413^{18} \Rightarrow n,\ B_1 = 324$

$32413^{22} \Rightarrow n,\ B_1 = 360$

$32413^{28} \Rightarrow 59 \ldots,\ S\ \ 3^6 \cdot 7^{16} \cdot 13^2 \cdot 43^2 \cdot 59^2 \cdot 103^2 \cdot 109^2$

$32413^{30} \Rightarrow 683 \cdot n,\ B_1 = 435;\ \ q^{36},\ B_2 = 324$

$3731443^4 \Rightarrow 31 \ldots,\ S\ \ 3^4 \cdot 7^{16} \cdot 13^2 \cdot 31^2 \cdot 43^2 \cdot 103^2$

$3731443^6 \Rightarrow 491653 \cdot 16771973 \cdot p_{27},\ B_1 = 251$

$p_{27}^2 \Rightarrow 13 \cdot n,\ B_1 = 303;\ \ q^4,\ B_3 = 304$

$3731443^{10} \Rightarrow 11 \ldots,\ S\ \ 3^4 \cdot 7^{16} \cdot 11^2 \cdot 13^2$

$3731443^{12} \Rightarrow 13 \cdot 131 \ldots,\ S\ \ 3^4 \cdot 7^{16} \cdot 13^2 \cdot 43^2 \cdot 103^2 \cdot 109^2 \cdot 131^2 \cdot 139^2 \cdot 751^2$

$3731443^{16} \Rightarrow n,\ B_1 = 343$

$3731443^{18} \Rightarrow 419 \cdot n,\ B_1 = 372$

$3731443^{22} \Rightarrow n,\ B_1 = 422;\ \ q^{28},\ B_2 = 368$

$3287821^4 \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 7^{16}$

$3287821^6 \Rightarrow 43 \cdot 1709 \cdot 15302827 \cdot P_{28},\ B_1 = 222$

$P_{28}^2 \Rightarrow p_{55},\ B_1 = 330$

$P_{28}^4 \Rightarrow 11 \ldots,\ S\ \ 3^4 \cdot 7^{16} \cdot 11^2 \cdot 13^2$

$P_{28}^6,\ B_3 = 330$

$3287821^{10} \Rightarrow 67 \ldots,\ S\ \ 3^4 \cdot 7^{16} \cdot 13^2 \cdot 43^2 \cdot 67^2 \cdot 103^2 \cdot 109^2 \cdot 139^2$

$3287821^{12} \Rightarrow 6007 \cdot 29303 \cdot 69020927 \cdot 388038223 \cdot 141217165909 \cdot n,\ B_1 = 300$

$3287821^{16} \Rightarrow 103 \cdot n,\ B_1 = 315$

$3287821^{18} \Rightarrow n,\ B_1 = 343$

$3287821^{22} \Rightarrow n,\ B_1 = 395;\ \ q^{28},\ B_2 = 364$

$6575641^2 \Rightarrow 19 \ldots,\ D$

$6575641^4 \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5 \cdot 7^{16}$

$6575641^6 \Rightarrow 29 \ldots,\ S\ \ 3^4 \cdot 7^{16} \cdot 13 \cdot 29^2 \cdot 43^2 \cdot 103^2$

$6575641^{10} \Rightarrow 28909 \cdot 232409 \cdot P_{59},\ B_1 = 301$

$6575641^{12} \Rightarrow 1729783277 \cdot c_{73},\ B_1 = 265$

$1729783277^1 \Rightarrow 3^2 \cdot 96099071,\ B_1 = 282$

$96099071^{2} \Rightarrow 13 \cdot p_{15},\ B_1 = 312$

$96099071^{4} \Rightarrow 5 \ldots,\ S\ \ 3^{6} \cdot 5^{2} \cdot 7^{16}$

$96099071^{6},\ B_3 = 314$

$1729783277^{2} \Rightarrow 41179 \cdot 1443859 \cdot 50324887,\ B_1 = 307$

$1729783277^{4} \Rightarrow 151 \cdot n,\ B_1 = 328;\ \ q^{6},\ B_3 = 307$

$6575641^{16} \Rightarrow n,\ B_1 = 315$

$6575641^{18} \Rightarrow n,\ B_1 = 343$

$6575641^{22} \Rightarrow 47 \ldots,\ S\ \ 3^{4} \cdot 7^{16} \cdot 13 \cdot 43^{2} \cdot 47^{2} \cdot 103^{2} \cdot 109^{2}$

$6575641^{28},\ B_2 = 381$

$4441^{4} \Rightarrow 5 \ldots,\ S\ \ 3^{2} \cdot 5 \cdot 7^{16}$

$4441^{6} \Rightarrow 2591 \cdot 119655719 \cdot 24750362743,\ B_1 = 155$

$24750362743^{2} \Rightarrow 3 \cdot 31 \ldots,\ S\ \ 3^{4} \cdot 7^{16} \cdot 13 \cdot 31^{2} \cdot 43^{2} \cdot 103^{2}$

$24750362743^{4} \Rightarrow 71 \cdot 55631 \cdot p_{35},\ B_1 = 228$

$p_{35}^{1} \Rightarrow 3^{3} \cdot 7 \ldots,\ S\ \ 3^{6} \cdot 7^{16} \cdot 13^{2} \cdot 43^{2} \cdot 71^{2} \cdot 103^{2} \cdot 109^{2}$

$p_{35}^{2} \Rightarrow 79 \cdot n,\ B_1 = 330;\ \ q^{4},\ B_3 = 328$

$24750362743^{6} \Rightarrow 7 \cdot 29 \cdot 5180411531 \cdot 157051054021 \cdot p_{40},\ B_1 = 284$

$p_{40}^{1} \Rightarrow n,\ B_1 = 323;\ \ q^{2},\ B_3 = 312$

$24750362743^{10} \Rightarrow n,\ B_1 = 342$

$24750362743^{12} \Rightarrow 53 \cdot n,\ B_1 = 385;\ \ q^{16},\ B_2 = 332$

$4441^{10} \Rightarrow 23 \cdot 199 \ldots,\ S\ \ 3^{2} \cdot 7^{16} \cdot 13 \cdot 23^{2} \cdot 43^{2} \cdot 103^{2} \cdot 109^{2} \cdot 139^{2} \cdot 199^{2}$

$4441^{12} \Rightarrow 53 \cdot 1400803 \cdot 60571603 \cdot p_{29},\ B_1 = 196$

$p_{29}^{1} \Rightarrow 3 \cdot 5 \cdot 7 \ldots,\ S\ \ 3^{4} \cdot 5^{2} \cdot 7^{16}$

$p_{29}^{2} \Rightarrow 5407 \cdot 7921759 \cdot 106944224458210022662 69 \cdot P_{24},\ B_1 = 315$

$p_{29}^{4} \Rightarrow 11 \cdot 31 \ldots,\ S\ \ 3^{2} \cdot 7^{16} \cdot 11^{2} \cdot 13 \cdot 31^{2}$

$p_{29}^{6},\ B_2 = 337$

$4441^{16} \Rightarrow 199853 \cdot 418813 \cdot 8344043 \cdot 17423267 \cdot p_{34},\ B_1 = 235$

$p_{34}^{1} \Rightarrow 13 \cdot 453879527 \cdot 362143433563 \cdot 440310118949,\ B_1 = 299$

$440310118949^{2} \Rightarrow 31 \cdot n,\ B_1 = 323;\ \ q^{4},\ B_3 = 322$

$p_{34}^{2} \Rightarrow 3 \cdot n,\ B_1 = 330;\ \ q^{4},\ B_3 = 329$

$4441^{18} \Rightarrow 761 \cdot 1559 \cdot 22814858855 77 \cdot p_{48},\ B_1 = 243$

$p_{48}^{1} \Rightarrow 11 \ldots,\ S\ \ 3^{2} \cdot 7^{16} \cdot 11^{2} \cdot 13^{2}$

$p_{48}^{2} \Rightarrow 3 \cdot n,\ B_1 = 373;\ \ q^{4},\ B_2 = 377$

$4441^{22} \Rightarrow 461 \cdot 453491737 \cdot P_{69},\ B_1 = 325$

$4441^{28} \Rightarrow 59 \cdot 4931 \cdot 6207597852524 6744383453 \cdot n,\ B_1 = 303$

$4441^{30} \Rightarrow n,\ B_1 = 308$

$4441^{36} \Rightarrow 37 \cdot n,\ B_1 = 353$

$4441^{40} \Rightarrow n,\ B_1 = 381;\ \ q^{42},\ B_2 = 306$

$34199239^{4} \Rightarrow 31 \cdot P_{29},\ B_1 = 144$

$P_{29}^{2} \Rightarrow 7 \cdot 10567 \cdot 58129 \cdot p_{48},\ B_1 = 213$

$p_{48}^{1} \Rightarrow p_{48},\ B_1 = 308$

$p_{48}^{2} \Rightarrow 3 \cdot 7^{2} \cdot 79 \cdot n,\ B_1 = 351;\ \ q^{4},\ B_2 = 381$

$P_{29}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^{2} \cdot 5 \cdot 7^{16}$

$P_{29}^{6},\ B_2 = 343$

$34199239^{6} \Rightarrow 71 \cdot 211 \cdot 5923 \cdot 32999 \cdot 5977948054670257 \cdot p_{17},\ B_1 = 176$

$p_{17}^{1} \Rightarrow 19 \ldots,\ D$

$p_{17}^{2} \Rightarrow 3 \cdot 31 \cdot 73 \cdot 271 \cdot 73417 \cdot 11382361 \cdot p_{16},\ B_1 = 245$

$p_{16}^{1} \Rightarrow 19 \ldots,\ D$

$p_{16}^{2} \Rightarrow 3 \cdot 2113 \cdot 18313 \cdot 67095696043 \cdot P_{13},\ B_1 = 307$

$p_{16}^{4} \Rightarrow 11 \ldots,\ S\ \ 3^{2} \cdot 7^{16} \cdot 11^{2} \cdot 31^{2} \cdot 71^{2} \cdot 73 \cdot 109^{2} \cdot 211^{2} \cdot 271^{2}$

$p_{16}^{6},\ B_3 = 307$

$p_{17}^{4} \Rightarrow 10352191 \cdot 20436401 \cdot P_{54},\ B_1 = 347$

$p_{17}^{6} \Rightarrow 7 \cdot n,\ B_1 = 346;\ \ q^{10},\ B_2 = 339$

$34199239^{10} \Rightarrow 879341 \cdot 2123683 \cdot 23898139 \cdot 1120103623 \cdot 177815059125136379 \cdot p_{30},\ B_1 = 254$

$p_{30}^{1} \Rightarrow 3 \cdot 5 \ldots,\ S\ \ 3^{2} \cdot 5^{2} \cdot 7^{16}$

$p_{30}^2 \Rightarrow 127\ldots,\ D;\ \ q^4,\ B_3 = 337$

$34199239^{12} \Rightarrow p_{91},\ B_1 = 239$

$p_{91}^1 \Rightarrow 23\cdot 163\cdot 181\cdot n,\ B_1 = 335;\ \ q^2,\ B_2 = 361$

$34199239^{16} \Rightarrow 742915421345899\cdot n,\ B_1 = 310$

$34199239^{18} \Rightarrow n,\ B_1 = 325;\ \ q^{22},\ B_2 = 331$

$2767631689^4 \Rightarrow 11\cdot 5228501\cdot 323352761\cdot P_{22},\ B_1 = 126$

$P_{22}^2 \Rightarrow 3\cdot 7^3\cdot 56989\cdot p_{36},\ B_1 = 180$

$p_{36}^1 \Rightarrow 23039948849747\cdot p_{22},\ B_1 = 250$

$p_{22}^2 \Rightarrow 7\cdot 5779\cdot 2115331\cdot p_{33},\ B_1 = 335$

$p_{22}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^{16}$

$p_{22}^6,\ B_3 = 336$

$p_{36}^2 \Rightarrow 3\cdot 140392204717\cdot 106041019574217229753\cdot p_{39},\ B_1 = 317$

$p_{36}^4 \Rightarrow 11\cdot n,\ B_1 = 417;\ \ q^6,\ B_2 = 422$

$P_{22}^4 \Rightarrow 5\cdot 11^2\cdot 881\cdot 1599246406441\cdot 164771988343271\cdot 186139085244311\cdot p_{40},\ B_1 = 308$

$P_{22}^6 \Rightarrow 29\cdot n,\ B_1 = 343;\ \ q^{10},\ B_2 = 429$

$2767631689^6 \Rightarrow 127\ldots,\ D$

$2767631689^{10} \Rightarrow 23\cdot 881\cdot 1051399537\cdot 1257390050655024133\cdot p_{63},\ B_1 = 242$

$p_{63}^1 \Rightarrow 3^2\cdot 7^2\cdot n,\ B_1 = 303$

$p_{63}^2 \Rightarrow 313\cdot n,\ B_1 = 415;\ \ q^4,\ B_2 = 503$

$2767631689^{12} \Rightarrow 53\cdot 131\cdot 1301\cdot 885041\cdot 961273\cdot 4361656956697\cdot c_{82},\ B_1 = 267$

$p_{13}^1 \Rightarrow 251177\cdot 8682437,\ B_1 = 291$

$8682437^2 \Rightarrow 19\ldots,\ D;\ \ q^4,\ B_3 = 305$

$p_{13}^2 \Rightarrow 3\cdot 37\cdot n,\ B_1 = 301$

$p_{13}^4 \Rightarrow 761\cdot n,\ B_1 = 352;\ \ q^6,\ B_3 = 324$

$2767631689^{16},\ B_2 = 302$

$7^{18} \Rightarrow 419\cdot P_{13},\ B_1 = 45$

$P_{13}^2 \Rightarrow 31\cdot 199\cdot 229\cdot 373\cdot 8263\cdot P_{13},\ B_1 = 93$

$P_{13}^2 \Rightarrow 3\cdot 7\cdot 37\cdot 101173\cdot 248875867\cdot 1139535451,\ B_1 = 140$

$1139535451^2 \Rightarrow 3\cdot 95239\cdot 877543\cdot 5179063,\ B_1 = 175$

$5179063^2 \Rightarrow 3\cdot 2584261\cdot 3459751,\ B_1 = 201$

$3459751^2 \Rightarrow 3\cdot 13\ldots,\ S\ \ 3^4\cdot 7^{18}\cdot 13\cdot 31^2\cdot 37^2\cdot 199^2$

$3459751^4 \Rightarrow 5\ldots,\ S\ \ 3^4\cdot 5\cdot 7^{18}$

$3459751^6 \Rightarrow 7\cdot 113\cdot 281\cdot 967\cdot 40013\cdot 78686791\cdot P_{19},\ B_1 = 304$

$3459751^{10} \Rightarrow n,\ B_1 = 318$

$3459751^{12} \Rightarrow 157\cdot n,\ B_1 = 347$

$3459751^{16} \Rightarrow n,\ B_1 = 397;\ \ q^{18},\ B_3 = 305$

$5179063^4 \Rightarrow 3064328247661\cdot p_{15},\ B_1 = 233$

$p_{15}^1 \Rightarrow 3\cdot 7\cdot 11\cdot 13\ldots,\ S\ \ 3^4\cdot 7^{18}\cdot 11^2\cdot 13^2$

$p_{15}^2 \Rightarrow 266053\cdot 7522609\cdot P_{17},\ B_1 = 292$

$P_{17}^2 \Rightarrow 3\cdot 397\cdot n,\ B_1 = 328;\ \ q^4,\ B_3 = 325$

$p_{15}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5\cdot 7^{18}$

$p_{15}^6 \Rightarrow n,\ B_1 = 379;\ \ q^{10},\ B_3 = 350$

$5179063^6 \Rightarrow 7\cdot 827\cdot 2857\cdot 238722443\cdot P_{25},\ B_1 = 281$

$P_{25}^2 \Rightarrow 3\cdot 43\cdot 631\cdot 673\cdot n,\ B_1 = 338;\ \ q^4,\ B_3 = 330$

$5179063^{10} \Rightarrow 89\cdot 162779\cdot P_{60},\ B_1 = 363$

$5179063^{12} \Rightarrow n,\ B_1 = 323$

$5179063^{16} \Rightarrow 307\cdot n,\ B_1 = 379$

$5179063^{18} \Rightarrow n,\ B_1 = 403;\ \ q^{22},\ B_3 = 309$

$1139535451^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5\cdot 7^{18}$

$1139535451^6 \Rightarrow 4649\cdot 284245081712719\cdot P_{37},\ B_1 = 285$

$P_{37}^2 \Rightarrow 19\ldots,\ D;\ \ q^4,\ B_3 = 357$

$1139535451^{10} \Rightarrow n,\ B_1 = 303$

$1139535451^{12} \Rightarrow 53\cdot n,\ B_1 = 341$

$1139535451^{16} \Rightarrow 953\cdot n,\ B_1 = 415;\ \ q^{18},\ B_2 = 326$

$P_{13}^4 \Rightarrow 2707091 \cdot P_{45},\ B_1 = 220$

$P_{45}^2 \Rightarrow 3 \cdot n,\ B_1 = 309;\ q^4,\ B_2 = 354$

$P_{13}^6 \Rightarrow 29 \cdot 6679 \cdot 15937483717 \cdot P_{61},\ B_1 = 288$

$P_{61}^2 \Rightarrow 103 \cdot n,\ B_1 = 412;\ q^4,\ B_2 = 484$

$P_{13}^{10} \Rightarrow n,\ B_1 = 321;\ q^{12},\ B_2 = 304$

$P_{13}^4 \Rightarrow 11^2 \cdot 131 \cdot 4071031 \cdot 19199332631 \cdot 388940209901 \cdot P_{18},\ B_1 = 158$

$P_{18}^2 \Rightarrow 7 \cdot 31 \cdot 75427511821 \cdot p_{23},\ B_1 = 217$

$p_{23}^1 \Rightarrow 5 \cdot 263 \cdot 19997 \cdot p_{15},\ B_1 = 262$

$p_{15}^2 \Rightarrow P_{30},\ B_1 = 322$

$p_{15}^4 \Rightarrow n,\ B_1 = 352;\ q^6,\ B_3 = 322$

$p_{23}^2 \Rightarrow 3 \cdot 229 \cdot 15139 \cdot 436801 \cdot 4189921463676841 \cdot P_{18},\ B_1 = 315$

$p_{23}^4 \Rightarrow n,\ B_1 = 364;\ q^6,\ B_3 = 319$

$P_{18}^4 \Rightarrow 5 \cdot 71 \cdot 129581 \cdot 407586609220136950773992 21 \cdot P_{39},\ B_1 = 324$

$P_{18}^6 \Rightarrow 463 \cdot 743 \cdot n,\ B_1 = 343;\ q^{10},\ B_2 = 358$

$P_{13}^6 \Rightarrow 63029 \cdot 26183627 \cdot 1117778128077233281 13 \cdot P_{44},\ B_1 = 228$

$P_{44}^2 \Rightarrow 157 \cdot 577 \cdot n,\ B_1 = 320;\ q^4,\ B_2 = 349$

$P_{13}^{10} \Rightarrow 23 \cdot 331 \cdot 23981 \cdot 1538879 \cdot 84253511 \cdot c_{105},\ B_1 = 291$

$84253511^2 \Rightarrow n,\ B_1 = 307;\ q^4,\ B_3 = 307$

$P_{13}^{12},\ B_2 = 303$

$7^{22} \Rightarrow 47 \cdot 3083 \cdot p_{14},\ B_1 = 42$

$p_{14}^1 \Rightarrow 3 \cdot 11 \cdot 577 \cdot 826632619,\ B_1 = 68$

$826632619^2 \Rightarrow 3 \cdot 157 \cdot 859 \cdot 1117 \cdot 3769 \cdot 401173,\ B_1 = 103$

$401173^2 \Rightarrow 127 \ldots,\ D$

$401173^4 \Rightarrow 11 \cdot 31 \cdot 2861 \cdot 12301 \cdot p_{13},\ B_1 = 157$

$p_{13}^2 \Rightarrow 7 \cdot 490267 \cdot P_{19},\ B_1 = 205$

$P_{19}^2 \Rightarrow 3 \ldots,\ S\ \ 3^4 \cdot 7^{22} \cdot 11^2 \cdot 31^2 \cdot 47^2$

$P_{19}^4 \Rightarrow 151 \cdot 401 \cdot n,\ B_1 = 318$

$P_{19}^6 \Rightarrow 239 \cdot 281 \cdot n,\ B_1 = 391;\ q^{10},\ B_2 = 362$

$p_{13}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^{22}$

$p_{13}^6 \Rightarrow 22639 \cdot 44666907441917254 7461 \cdot p_{49},\ B_1 = 354$

$p_{13}^{10} \Rightarrow 23 \ldots,\ S\ \ 3^2 \cdot 7^{22} \cdot 11^2 \cdot 23^2 \cdot 31^2$

$p_{13}^{12} \Rightarrow n,\ B_1 = 428;\ q^{16},\ B_2 = 394$

$401173^6 \Rightarrow 29 \cdot 9479 \cdot p_{29},\ B_1 = 193$

$p_{29}^2 \Rightarrow 3 \ldots,\ S\ \ 3^4 \cdot 7^{22} \cdot 11^2 \cdot 29^2 \cdot 47^2$

$p_{29}^4 \Rightarrow 11 \cdot n,\ B_1 = 361;\ q^6,\ B_2 = 338$

$401173^{10} \Rightarrow 199 \cdot 47997524537640016717 97 \cdot p_{33},\ B_1 = 260$

$p_{33}^2 \Rightarrow 73 \cdot n,\ B_1 = 326;\ q^4,\ B_3 = 324$

$401173^{12} \Rightarrow 53 \cdot 8088325448508106127 \cdot 22272183994755331807 \cdot p_{28},\ B_1 = 294$

$p_{28}^2 \Rightarrow 3 \cdot 7 \cdot 157 \ldots,\ S\ \ 3^4 \cdot 7^{22} \cdot 11^2 \cdot 47^2 \cdot 53^2 \cdot 157^2$

$p_{28}^4,\ B_3 = 348$

$401173^{16} \Rightarrow 54367 \cdot c_{85},\ B_1 = 276$

$54367^2 \Rightarrow 3 \cdot 229 \cdot 1213 \cdot 3547,\ B_1 = 295$

$3547^2 \Rightarrow 3 \cdot n,\ B_1 = 301;\ q^4,\ B_3 = 302$

$54367^4 \Rightarrow 11 \cdot n,\ B_1 = 303$

$54367^6 \Rightarrow n,\ B_1 = 323;\ q^{10},\ B_3 = 314$

$401173^{18} \Rightarrow 149759 \cdot 393224008703 \cdot P_{85},\ B_1 = 394$

$401173^{22} \Rightarrow 47 \cdot n,\ B_1 = 337;\ q^{28},\ B_2 = 313$

$826632619^4 \Rightarrow p_{36},\ B_1 = 157$

$p_{36}^2 \Rightarrow 193 \cdot 643 \cdot 1471 \cdot 7465663087 \cdot 1963826108383 \cdot 5506261017157 \cdot P_{29},\ B_1 = 300$

$p_{36}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^{22}$

$p_{36}^6,\ B_2 = 428$

$826632619^6 \Rightarrow 7 \cdot 491 \cdot 2843 \cdot 28602463 \cdot 25382064170452123 \cdot P_{23},\ B_1 = 209$

$P_{23}^2 \Rightarrow 3 \cdot 13 \ldots,\ S\ \ 3^2 \cdot 7^{22} \cdot 11^2 \cdot 13^2$

$P_{23}^4 \Rightarrow 11 \cdot 41 \cdot n,\ B_1 = 346;\ q^6,\ B_3 = 300$

6807: $826632619^{10} \Rightarrow 23761 \cdot 2277528080279 \cdot 5711068840955501 \cdot 3613702003599716627831 \cdot p_{36},\ B_1 = 318$

6808: $826632619^{12} \Rightarrow 53 \cdot 443 \cdot 3839707 \cdot 5365931799413693 \cdot 2342147136322523521213 \cdot n,\ B_1 = 313$

6809: $826632619^{16} \Rightarrow n,\ B_1 = 336;\ q^{18},\ B_2 = 321$

6811: $p_{14}^2 \Rightarrow 1051 \cdot 708196039 \cdot P_{16},\ B_1 = 109$

6812: $P_{16}^2 \Rightarrow 3 \cdot 7 \cdot 696451621 \cdot p_{21},\ B_1 = 148$

6813: $p_{21}^1 \Rightarrow 4853309 \cdot P_{14},\ B_1 = 188$

6814: $P_{14}^2 \Rightarrow 103 \cdot 163 \cdot 37514419 \cdot P_{15},\ B_1 = 240$

6815: $P_{15}^2 \Rightarrow 3 \cdot P_{29},\ B_1 = 297$

6816: $P_{29}^2 \Rightarrow 19\ldots,\ D;\ q^4,\ B_3 = 353$

6818: $P_{15}^4 \Rightarrow 11 \cdot n,\ B_1 = 327$

6819: $P_{15}^6 \Rightarrow 7 \cdot 29 \cdot 71 \cdot n,\ B_1 = 386;\ q^{10},\ B_3 = 355$

6821: $P_{14}^4 \Rightarrow 251 \cdot 434312371 \cdot 259926373051 \cdot P_{30},\ B_1 = 319$

6822: $P_{14}^6 \Rightarrow n,\ B_1 = 319$

6823: $P_{14}^{10} \Rightarrow n,\ B_1 = 423;\ q^{12},\ B_3 = 319$

6825: $p_{21}^2 \Rightarrow 3 \cdot 10771 \cdot P_{36},\ B_1 = 239$

6826: $P_{36}^2 \Rightarrow 3 \cdot n,\ B_1 = 311;\ q^4,\ B_3 = 310$

6828: $p_{21}^4 \Rightarrow 31 \cdot 22980733022201 \cdot 318267877505493406716408431 \cdot p_{39},\ B_1 = 330$

6829: $p_{21}^6 \Rightarrow 7 \cdot n,\ B_1 = 359;\ q^{10},\ B_2 = 401$

6831: $P_{16}^4 \Rightarrow 6019485806281 \cdot p_{48},\ B_1 = 213$

6832: $p_{48}^1 \Rightarrow 3 \cdot 11 \cdot 1471 \cdot 1439561 \cdot P_{37},\ B_1 = 308$

6833: $p_{48}^2 \Rightarrow n,\ B_1 = 343;\ q^4,\ B_2 = 381$

6835: $P_{16}^6 \Rightarrow 43 \cdot 2947895509640229359 \cdot p_{71},\ B_1 = 281$

6836: $p_{71}^1 \Rightarrow 3^2 \cdot 5\ldots,\ S\ 3^2 \cdot 5^2 \cdot 7^{22}$

6837: $p_{71}^2,\ B_3 = 351$

6838: $P_{16}^{10},\ B_2 = 302$

6839: $p_{14}^4 \Rightarrow 8161 \cdot p_{51},\ B_1 = 140$

6840: $p_{51}^1 \Rightarrow 11 \cdot 17 \cdot 12569 \cdot 289283107 \cdot P_{35},\ B_1 = 240$

6841: $P_{35}^2 \Rightarrow 7^2 \cdot 13 \cdot 73^2 \cdot 673 \cdot 997 \cdot n,\ B_1 = 315;\ q^4,\ B_3 = 310$

6843: $p_{51}^2 \Rightarrow 3 \cdot 7 \cdot 43 \cdot 23594437 \cdot 1648480921 \cdot p_{81},\ B_1 = 308;\ q^4,\ B_2 = 400$

6845: $p_{14}^6 \Rightarrow 7 \cdot 71 \cdot 97651 \cdot 24969491 \cdot 13541408917 \cdot 218114448789096311 63 \cdot p_{37},\ B_1 = 233$

6846: $p_{37}^1 \Rightarrow 3 \cdot 1913 \cdot 4491396113 \cdot p_{23},\ B_1 = 306$

6847: $p_{37}^2 \Rightarrow n,\ B_1 = 332;\ q^4,\ B_3 = 332$

6849: $p_{14}^{10} \Rightarrow 67 \cdot 89 \cdot n,\ B_1 = 300;\ q^{12},\ B_2 = 323$

6851: $7^{28} \Rightarrow 59 \cdot 127540261 \cdot P_{14},\ B_1 = 63$

6852: $P_{14}^2 \Rightarrow 19\ldots,\ D$

6853: $P_{14}^4 \Rightarrow 71 \cdot 241 \cdot 1931 \cdot 154054921 \cdot p_{40},\ B_1 = 169$

6854: $p_{40}^1 \Rightarrow 3 \cdot 5627354287 \cdot P_{30},\ B_1 = 248$

6855: $P_{30}^2 \Rightarrow 3 \cdot 7 \cdot n,\ B_1 = 305;\ q^4,\ B_3 = 307$

6857: $p_{40}^2 \Rightarrow 79 \cdot 650052668389 \cdot p_{66},\ B_1 = 302;\ q^4,\ B_2 = 317$

6859: $P_{14}^6 \Rightarrow 127\ldots,\ D$

6860: $P_{14}^{10} \Rightarrow n,\ B_1 = 312;\ q^{12},\ B_2 = 332$

6862: $7^{30} \Rightarrow 311 \cdot 21143 \cdot p_{19},\ B_1 = 57$

6863: $p_{19}^1 \Rightarrow 5 \cdot 43 \cdot 89 \cdot 3917 \cdot 26677735199,\ B_1 = 94$

6864: $26677735199^2 \Rightarrow 15313 \cdot p_{17},\ B_1 = 135$

6865: $p_{17}^2 \Rightarrow 19\ldots,\ D$

6866: $p_{17}^4 \Rightarrow 11 \cdot 101 \cdot 151 \cdot 342241 \cdot 411751 \cdot 60709918541 \cdot 236267520345733871 \cdot p_{23},\ B_1 = 302$

6867: $p_{17}^6 \Rightarrow 43 \cdot n,\ B_1 = 300;\ q^{10},\ B_2 = 333$

6869: $26677735199^4 \Rightarrow 11 \cdot 1203408582671698561 \cdot P_{23},\ B_1 = 198$

6870: $P_{23}^2 \Rightarrow 470396050939033 \cdot p_{31},\ B_1 = 288$

6871: $p_{31}^2 \Rightarrow 3\ldots,\ S\ 3^2 \cdot 5^2 \cdot 7^{30}$

6872: $p_{31}^4,\ B_3 = 349$

6873: $P_{23}^4 \Rightarrow 5 \cdot n,\ B_1 = 333$

6874: $P_{23}^6 \Rightarrow 7 \cdot n,\ B_1 = 423;\ q^{10},\ B_2 = 451$

$26677735199^{6} \Rightarrow 43 \cdot 71 \cdot 5573 \cdot 489520543 \cdot P_{47},\ B_1 = 257$

$P_{47}^{2} \Rightarrow 3 \ldots,\ S\ 3^2 \cdot 5^2 \cdot 7^{30}$

$P_{47}^{4},\ B_2 = 373$

$26677735199^{10} \Rightarrow 23^2 \cdot 67 \cdot 463 \cdot 51437 \cdot c_{93},\ B_1 = 291$

$51437^{2} \Rightarrow 13 \cdot n,\ B_1 = 301;\ \ q^4,\ B_3 = 300$

$26677735199^{12} \Rightarrow 157 \cdot n,\ B_1 = 325;\ \ q^{16},\ B_2 = 333$

$p_{19}^{2} \Rightarrow 3 \cdot 7 \cdot 61 \cdot 463 \cdot 2240060022926953 \cdot p_{17},\ B_1 = 132$

$p_{17}^{1} \Rightarrow 5^2 \ldots,\ S\ 3^2 \cdot 5^2 \cdot 7^{30}$

$p_{17}^{2} \Rightarrow 3 \cdot 13 \cdot 31 \cdot 2513706667 \cdot p_{20},\ B_1 = 192$

$p_{20}^{1} \Rightarrow 7 \cdot 1871 \cdot P_{16},\ B_1 = 229$

$P_{16}^{2} \Rightarrow 7 \cdot 39090013 \cdot 6061190089 \cdot P_{13},\ B_1 = 289$

$P_{13}^{2} \Rightarrow 3 \cdot n,\ B_1 = 314;\ \ q^4,\ B_3 = 313$

$P_{16}^{4} \Rightarrow 31 \cdot 41 \cdot n,\ B_1 = 321$

$P_{16}^{6} \Rightarrow n,\ B_1 = 382;\ \ q^{10},\ B_3 = 351$

$p_{20}^{2} \Rightarrow 3 \cdot 343153 \cdot p_{34},\ B_1 = 257$

$p_{34}^{1} \Rightarrow 83 \ldots,\ S\ 3^4 \cdot 7^{30} \cdot 13^2 \cdot 31^2 \cdot 61^2 \cdot 83^2$

$p_{34}^{2} \Rightarrow 3 \cdot 7 \cdot 229 \cdot 313 \cdot n,\ B_1 = 345;\ \ q^4,\ B_3 = 342$

$p_{20}^{4} \Rightarrow 11 \ldots,\ S\ 3^2 \cdot 7^{30} \cdot 11^2 \cdot 13 \cdot 31^2$

$p_{20}^{6} \Rightarrow n,\ B_1 = 393;\ \ q^{10},\ B_2 = 393$

$p_{17}^{4} \Rightarrow 11 \cdot 421 \cdot 541 \cdot P_{58},\ B_1 = 294$

$P_{58}^{2} \Rightarrow 3 \cdot 7 \cdot n,\ B_1 = 408;\ \ q^4,\ B_2 = 463$

$p_{17}^{6} \Rightarrow 4957 \cdot c_{93},\ B_1 = 298$

$4957^{1} \Rightarrow 37 \cdot 67,\ B_1 = 316$

$4957^{2} \Rightarrow 3 \cdot n,\ B_1 = 304;\ \ q^4,\ B_3 = 305$

$p_{17}^{10},\ B_2 = 321$

$p_{19}^{4} \Rightarrow 11 \cdot 15791 \cdot p_{70},\ B_1 = 193$

$p_{70}^{1} \Rightarrow 3^2 \cdot 13 \ldots,\ S\ 3^2 \cdot 7^{30} \cdot 11^2 \cdot 13^2$

$p_{70}^{2} \Rightarrow 7 \cdot 541 \cdot n,\ B_1 = 399;\ \ q^4,\ B_2 = 553$

$p_{19}^{6} \Rightarrow 29 \cdot 197 \cdot 701 \cdot 2437 \cdot 33797 \cdot 414457 \cdot 2574587 \cdot c_{86},\ B_1 = 283$

$2574587^{2} \Rightarrow 19 \ldots,\ D$

$2574587^{4} \Rightarrow 11 \cdot n,\ B_1 = 322;\ \ q^6,\ B_3 = 308$

$p_{19}^{10},\ B_2 = 372$

$7^{36} \Rightarrow 223 \cdot 2887 \cdot p_{25},\ B_1 = 66$

$p_{25}^{1} \Rightarrow 107 \cdot 157 \cdot 2269 \cdot 6726821 \cdot 9370586851,\ B_1 = 115$

$9370586851^{2} \Rightarrow 3 \cdot 7321 \cdot 45613 \cdot 87650274787,\ B_1 = 155$

$87650274787^{2} \Rightarrow 3 \cdot 421 \cdot 1597 \cdot P_{16},\ B_1 = 198$

$P_{16}^{2} \Rightarrow 3 \cdot 4003 \cdot 265170755671 \cdot P_{16},\ B_1 = 260$

$P_{16}^{2} \Rightarrow 3 \cdot 7^2 \cdot 330427 \cdot p_{24},\ B_1 = 318$

$P_{16}^{4} \Rightarrow 31 \cdot 151 \cdot n,\ B_1 = 358;\ \ q^6,\ B_3 = 323$

$P_{16}^{4} \Rightarrow 2381 \cdot 8761 \cdot 682321 \cdot 18432461 \cdot 72185651 \cdot P_{35},\ B_1 = 353$

$P_{16}^{6} \Rightarrow 7 \cdot 883 \cdot n,\ B_1 = 356;\ \ q^{10},\ B_3 = 322$

$87650274787^{4} \Rightarrow 11 \cdot 3613600834929541 \cdot P_{28},\ B_1 = 264$

$P_{28}^{2} \Rightarrow 3 \cdot 619 \cdot n,\ B_1 = 321;\ \ q^4,\ B_3 = 319$

$87650274787^{6} \Rightarrow 239 \cdot 244021 \cdot 3587347 \cdot 5608387541 \cdot p_{42},\ B_1 = 330$

$87650274787^{10} \Rightarrow n,\ B_1 = 352$

$87650274787^{12} \Rightarrow 313 \cdot 521 \cdot n,\ B_1 = 401;\ \ q^{16},\ B_2 = 350$

$9370586851^{4} \Rightarrow 5 \cdot 2147081 \cdot 11556431 \cdot 2157751381 \cdot P_{17},\ B_1 = 215$

$P_{17}^{2} \Rightarrow 3 \ldots,\ S\ 3^2 \cdot 5^2 \cdot 7^{36}$

$P_{17}^{4} \Rightarrow 5 \cdot 11^2 \cdot 31 \cdot 151 \cdot 211 \cdot n,\ B_1 = 319$

$P_{17}^{6} \Rightarrow 197 \cdot n,\ B_1 = 382;\ \ q^{10},\ B_3 = 346$

$9370586851^{6} \Rightarrow 953 \cdot 58129 \cdot 4513699 \cdot 171961357 \cdot P_{38},\ B_1 = 275$

$P_{38}^{2} \Rightarrow 19 \ldots,\ D;\ \ q^4,\ B_3 = 349$

$9370586851^{10} \Rightarrow 138007 \cdot 155893 \cdot 353321 \cdot 652279 \cdot p_{79},\ B_1 = 394$

$9370586851^{12} \Rightarrow n,\ B_1 = 334;\ \ q^{16},\ B_2 = 319$

6947: $p_{25}^2 \Rightarrow 3\cdot 7\cdot 5659\cdot p_{45},\ B_1 = 144$
6948: $p_{45}^1 \Rightarrow 829\cdot 238339\cdot 4143205906183\cdot P_{24},\ B_1 = 232$
6949: $P_{24}^2 \Rightarrow 3\cdot 967\cdot 4507\cdot 18457\cdot P_{35},\ B_1 = 323$
6950: $P_{24}^4 \Rightarrow 71\cdot n,\ B_1 = 372;\ q^6,\ B_3 = 324$
6952: $p_{45}^2 \Rightarrow 3\cdot 13\cdot 6103062888262009\cdot c_{72},\ B_1 = 277$
6953: $p_{16}^1 \Rightarrow 5\ldots,\ S\ 3^2\cdot 5^2\cdot 7^{36}$
6954: $p_{16}^2 \Rightarrow 3\cdot n,\ B_1 = 324;\ q^4,\ B_3 = 323$
6956: $p_{45}^4,\ B_2 = 354$
6957: $p_{25}^4 \Rightarrow 5\cdot 2268500435671871\cdot 2482436929009336721\cdot P_{65},\ B_1 = 319$
6958: $p_{25}^6 \Rightarrow n,\ B_1 = 338;\ q^{10},\ B_2 = 493$
6960: $7^{40} \Rightarrow 83\cdot 20515909\cdot P_{25},\ B_1 = 94$
6961: $P_{25}^2 \Rightarrow 3\cdot 88903\cdot 29845969\cdot 72381100807\cdot 786631291189\cdot P_{14},\ B_1 = 188$
6962: $P_{14}^2 \Rightarrow 3\cdot 13\cdot 4051\cdot 522541321\cdot p_{14},\ B_1 = 240$
6963: $p_{14}^1 \Rightarrow 11\ldots,\ S\ 3^2\cdot 7^{40}\cdot 11^2\cdot 13^2$
6964: $p_{14}^2 \Rightarrow 3\cdot 7\cdot 832129\cdot P_{20},\ B_1 = 293$
6965: $P_{20}^2 \Rightarrow 19\ldots,\ D$
6966: $P_{20}^4,\ B_3 = 332$
6967: $p_{14}^4 \Rightarrow 31\cdot n,\ B_1 = 323$
6968: $p_{14}^6 \Rightarrow 71\cdot n,\ B_1 = 376;\ q^{10},\ B_3 = 348$
6970: $P_{14}^4 \Rightarrow 5\ldots,\ S\ 3^2\cdot 5\cdot 7^{40}$
6971: $P_{14}^6 \Rightarrow 43\cdot 211\cdot n,\ B_1 = 328$
6972: $P_{14}^{10} \Rightarrow 23\cdot n,\ B_1 = 434;\ q^{12},\ B_2 = 326$
6974: $P_{25}^4 \Rightarrow 11\cdot 5531\cdot 6871\cdot 160681\cdot 996311\cdot c_{79},\ B_1 = 261$
6975: $996311^2 \Rightarrow 992636605033,\ B_1 = 281$
6976: $992636605033^1 \Rightarrow 71\cdot 347\cdot 20145241,\ B_1 = 304$
6977: $992636605033^2 \Rightarrow 3\cdot 151\cdot n,\ B_1 = 312;\ q^4,\ B_3 = 309$
6979: $996311^4 \Rightarrow 5\cdot 31\cdot 971\cdot n,\ B_1 = 303$
6980: $996311^6 \Rightarrow 7\cdot 29\cdot n,\ B_1 = 322;\ q^{10},\ B_3 = 309$
6982: $P_{25}^6 \Rightarrow 29\cdot n,\ B_1 = 342;\ q^{10},\ B_2 = 492$
6984: $7^{42} \Rightarrow 166003607842448777\cdot p_{19},\ B_1 = 88$
6985: $p_{18}^1 \Rightarrow 3^2\cdot 1697041\cdot 5434413581,\ B_1 = 122$
6986: $5434413581^2 \Rightarrow 7^2\cdot 6547\cdot p_{14},\ B_1 = 157$
6987: $p_{14}^2 \Rightarrow 3\cdot 7\cdot 997\cdot 11503\cdot 14347\cdot 17383\cdot 141098535013,\ B_1 = 212$
6988: $141098535013^2 \Rightarrow 3\cdot 7\cdot 37\cdot 103\cdot 40123\cdot 223051\cdot 27796441,\ B_1 = 253$
6989: $27796441^2 \Rightarrow 19\ldots,\ D$
6990: $27796441^4 \Rightarrow 5\ldots,\ S\ 3^4\cdot 5^2\cdot 7^{42}$
6991: $27796441^6 \Rightarrow 7\cdot 239\cdot n,\ B_1 = 329;\ q^{10},\ B_3 = 313$
6993: $141098535013^4 \Rightarrow 41\cdot 8641\cdot 117571\cdot 69169361171\cdot p_{24},\ B_1 = 323$
6994: $141098535013^6 \Rightarrow 43\cdot 337\cdot n,\ B_1 = 327;\ q^{10},\ B_3 = 301$
6996: $p_{14}^4 \Rightarrow 5\ldots,\ S\ 3^2\cdot 5^2\cdot 7^{42}$
6997: $p_{14}^6 \Rightarrow 113\cdot 3361\cdot 11048269\cdot n,\ B_1 = 310$
6998: $p_{14}^{10} \Rightarrow 683\cdot n,\ B_1 = 412;\ q^{12},\ B_2 = 335$
7000: $5434413581^4 \Rightarrow 5\ldots,\ S\ 3^2\cdot 5^2\cdot 7^{42}$
7001: $5434413581^6 \Rightarrow 713357\cdot 70594021\cdot P_{45},\ B_1 = 278$
7002: $P_{45}^2 \Rightarrow 19\ldots,\ D;\ q^4,\ B_3 = 367$
7004: $5434413581^{10} \Rightarrow 23\cdot 89\cdot n,\ B_1 = 300$
7005: $5434413581^{12} \Rightarrow 53\cdot n,\ B_1 = 338;\ q^{16},\ B_2 = 311$
7007: $p_{18}^2 \Rightarrow 19\ldots,\ D$
7008: $p_{18}^4 \Rightarrow 11\cdot 8831\cdot 5648411\cdot 5070066161\cdot P_{48},\ B_1 = 260$
7009: $P_{48}^2 \Rightarrow 3\cdot n,\ B_1 = 355;\ q^4,\ B_2 = 379$
7011: $p_{18}^6 \Rightarrow 6092090825837797059371\cdot p_{82},\ B_1 = 300;\ q^{10},\ B_2 = 344$
7013: $7^{46} \Rightarrow 13722816749522711\cdot P_{23},\ B_1 = 116$
7014: $P_{23}^2 \Rightarrow 3\cdot 12739\cdot 5967679\cdot 25331672627479\cdot p_{21},\ B_1 = 187$
7015: $p_{21}^1 \Rightarrow 1201\cdot 194239\cdot P_{13},\ B_1 = 228$

7016: $P_{13}^{2} \Rightarrow 3 \cdot 150925852897 \cdot P_{13},\ B_1 = 275$
7017: $P_{13}^{2} \Rightarrow 3 \cdot n,\ B_1 = 301;\ \ q^4,\ B_3 = 301$
7019: $P_{13}^{4} \Rightarrow n,\ B_1 = 301$
7020: $P_{13}^{6} \Rightarrow 29 \cdot 71 \cdot n,\ B_1 = 353;\ \ q^{10},\ B_3 = 325$
7022: $p_{21}^{2} \Rightarrow 19 \ldots,\ D$
7023: $p_{21}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 7^{46}$
7024: $p_{21}^{6} \Rightarrow 883 \cdot n,\ B_1 = 419;\ \ q^{10},\ B_2 = 416$
7026: $P_{23}^{4} \Rightarrow 11 \cdot 10831 \cdot 550211 \cdot 3344761320178991 \cdot p_{65},\ B_1 = 279$
7027: $p_{65}^{1} \Rightarrow n,\ B_1 = 344;\ \ q^2,\ B_3 = 344$
7029: $P_{23}^{6} \Rightarrow 29 \cdot n,\ B_1 = 344;\ \ q^{10},\ B_2 = 456$
7031: $7^{52} \Rightarrow 8269 \cdot 319591 \cdot P_{35},\ B_1 = 128$
7032: $P_{35}^{2} \Rightarrow 61 \cdot 241 \cdot 5407 \cdot 4120717024194879943 \cdot 18711501660031023 2389 \cdot p_{23},\ B_1 = 247$
7033: $p_{23}^{1} \Rightarrow 5 \cdot P_{22},\ B_1 = 292$
7034: $P_{22}^{2} \Rightarrow n,\ B_1 = 334;\ \ q^4,\ B_3 = 334$
7036: $p_{23}^{2} \Rightarrow 3 \cdot 7 \cdot 31 \cdot 9283 \cdot P_{39},\ B_1 = 337$
7037: $p_{23}^{4} \Rightarrow n,\ B_1 = 384;\ \ q^6,\ B_3 = 339$
7039: $P_{35}^{4} \Rightarrow 71 \cdot n,\ B_1 = 337;\ \ q^6,\ B_2 = 415$
7041: $7^{58} \Rightarrow 459257 \cdot 134927809 \cdot 550413361 \cdot p_{27},\ B_1 = 120$
7042: $p_{27}^{1} \Rightarrow 5^2 \cdot 16453 \cdot 117781303 \cdot P_{13},\ B_1 = 171$
7043: $P_{13}^{2} \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^{58}$
7044: $P_{13}^{4} \Rightarrow 11 \cdot 2741 \cdot P_{46},\ B_1 = 297$
7045: $P_{46}^{2} \Rightarrow 7 \cdot 13 \cdot n,\ B_1 = 389;\ \ q^4,\ B_3 = 388$
7047: $P_{13}^{6} \Rightarrow 2731 \cdot n,\ B_1 = 300$
7048: $P_{13}^{10} \Rightarrow 23 \cdot 199 \cdot n,\ B_1 = 401;\ \ q^{12},\ B_2 = 301$
7050: $p_{27}^{2} \Rightarrow 3 \cdot 7 \cdot 13 \cdot 11299 \cdot 1130591027773 \cdot 58379697387568483 \cdot P_{18},\ B_1 = 239$
7051: $P_{18}^{2} \Rightarrow 3 \cdot 109 \cdot 8417891059 \cdot p_{24},\ B_1 = 298$
7052: $p_{24}^{1} \Rightarrow 5^2 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 7^{58}$
7053: $p_{24}^{2},\ B_3 = 309$
7054: $P_{18}^{4} \Rightarrow 11 \cdot n,\ B_1 = 347;\ \ q^6,\ B_3 = 310$
7056: $p_{27}^{4} \Rightarrow 31 \cdot 101 \cdot 151 \cdot 241 \cdot n,\ B_1 = 305;\ \ q^6,\ B_2 = 318$
7058: $7^{60} \Rightarrow 367 \cdot 4759 \cdot 177237331 \cdot P_{37},\ B_1 = 152$
7059: $P_{37}^{2} \Rightarrow 3 \cdot 607 \cdot p_{70},\ B_1 = 228$
7060: $p_{70}^{1} \Rightarrow 349 \cdot p_{67},\ B_1 = 366$
7061: $p_{70}^{2} \Rightarrow 3 \cdot n,\ B_1 = 435;\ \ q^4,\ B_2 = 554$
7063: $P_{37}^{4} \Rightarrow 11 \cdot n,\ B_1 = 370;\ \ q^6,\ B_2 = 435$
7065: $7^{66} \Rightarrow 228337 \cdot 147300841 \cdot 206244761 \cdot p_{35},\ B_1 = 133$
7066: $p_{35}^{1} \Rightarrow 3 \cdot 1759 \cdot 1795966537 \cdot p_{21},\ B_1 = 200$
7067: $p_{21}^{2} \Rightarrow 3 \cdot 1789 \cdot 1987 \cdot 4231 \cdot 37470919266199 \cdot P_{18},\ B_1 = 282$
7068: $P_{18}^{2} \Rightarrow 3 \cdot 97 \cdot n,\ B_1 = 319;\ \ q^4,\ B_3 = 317$
7070: $p_{21}^{4} \Rightarrow n,\ B_1 = 325$
7071: $p_{21}^{6} \Rightarrow 7 \cdot n,\ B_1 = 407;\ \ q^{10},\ B_2 = 414$
7073: $p_{35}^{2} \Rightarrow 7 \cdot 163 \cdot 37950931646821 \cdot P_{52},\ B_1 = 288$
7074: $P_{52}^{2} \Rightarrow 3 \cdot n,\ B_1 = 391;\ \ q^4,\ B_2 = 410$
7076: $p_{35}^{4} \Rightarrow 5 \cdot 11 \cdot n,\ B_1 = 364;\ \ q^6,\ B_2 = 408$
7078: $7^{70} \Rightarrow 990643452963163 \cdot P_{45},\ B_1 = 177$
7079: $P_{45}^{2} \Rightarrow 153763 \cdot c_{84},\ B_1 = 271$
7080: $153763^{2} \Rightarrow 3 \cdot 34747 \cdot 226813,\ B_1 = 286$
7081: $226813^{1} \Rightarrow 7 \cdot 17 \cdot 953,\ B_1 = 295$
7082: $953^{2} \Rightarrow 181 \cdot n,\ B_1 = 303;\ \ q^4,\ B_3 = 301$
7084: $226813^{2} \Rightarrow 3 \cdot n,\ B_1 = 302;\ \ q^4,\ B_3 = 302$
7086: $153763^{4} \Rightarrow 11 \cdot n,\ B_1 = 303$
7087: $153763^{6} \Rightarrow 7 \cdot 71 \cdot n,\ B_1 = 324;\ \ q^{10},\ B_3 = 312$
7089: $P_{45}^{4},\ B_2 = 353$
7090: $7^{72} \Rightarrow 439 \cdot 3675989 \cdot 359390389 \cdot 1958423494433591 \cdot p_{28},\ B_1 = 154$

7091: $p_{28}^1 \Rightarrow 5\cdot 11\cdot 83\cdot 197\cdot 113117\cdot 23469599\cdot 1512597319,\ B_1 = 209$

7092: $1512597319^2 \Rightarrow 3\cdot 7\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^{72}$

7093: $1512597319^4 \Rightarrow p_{37},\ B_1 = 301$

7094: $1512597319^6 \Rightarrow 29\cdot n,\ B_1 = 303$

7095: $1512597319^{10} \Rightarrow n,\ B_1 = 375;\ \ q^{12},\ B_3 = 301$

7097: $p_{28}^2 \Rightarrow 3\cdot 7\cdot 1789\cdot 11317\cdot 13475851\cdot 24756481\cdot 35142721\cdot p_{26},\ B_1 = 267$

7098: $p_{26}^1 \Rightarrow 37^2\cdot 241\cdot 6766399\cdot p_{13},\ B_1 = 313$

7099: $p_{26}^2 \Rightarrow 19\ldots,\ D;\ \ q^4,\ B_3 = 333$

7101: $p_{28}^4 \Rightarrow 661\cdot n,\ B_1 = 344;\ \ q^6,\ B_2 = 334$

7103: $7^{78} \Rightarrow 913242407367610843676812931\cdot P_{40},\ B_1 = 197$

7104: $P_{40}^2 \Rightarrow 32887\cdot 10191839226744113050696 3\cdot n,\ B_1 = 303;\ \ q^4,\ B_2 = 312$

7106: $7^{82} \Rightarrow 167\cdot 66733\cdot 76066181\cdot 7685542369\cdot 62911130477521\cdot 303567967057423\cdot p_{17},\ B_1 = 191$

7107: $p_{17}^1 \Rightarrow 3\cdot 11311\cdot 274427186197,\ B_1 = 223$

7108: $274427186197^2 \Rightarrow 3\cdot 3138469\cdot p_{16},\ B_1 = 268$

7109: $p_{16}^2 \Rightarrow 3\cdot 37\cdot 103\cdot 619\cdot n,\ B_1 = 307;\ \ q^4,\ B_3 = 300$

7111: $274427186197^4 \Rightarrow 2757233090561\cdot p_{34},\ B_1 = 338$

7112: $274427186197^6 \Rightarrow n,\ B_1 = 338;\ \ q^{10},\ B_3 = 315$

7114: $p_{17}^2 \Rightarrow 7\cdot 967\cdot P_{29},\ B_1 = 257$

7115: $P_{29}^2 \Rightarrow 3\cdot 7\cdot 223\cdot n,\ B_1 = 317;\ \ q^4,\ B_3 = 315$

7117: $p_{17}^4 \Rightarrow 5\cdot 11\cdot 61\cdot 121921\cdot 2748401\cdot n,\ B_1 = 306$

7118: $p_{17}^6 \Rightarrow n,\ B_1 = 356;\ \ q^{10},\ B_2 = 325$

7120: $7^{88} \Rightarrow 1805633\cdot 18489605314740987765913\cdot p_{46},\ B_1 = 177$

7121: $p_{46}^1 \Rightarrow 5\cdot 13\cdot 79493\cdot p_{39},\ B_1 = 268$

7122: $p_{39}^2 \Rightarrow 3\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^{88}$

7123: $p_{39}^4,\ B_3 = 346$

7124: $p_{46}^2 \Rightarrow 3\cdot 7\cdot 229\cdot 613\cdot P_{86},\ B_1 = 382;\ \ q^4,\ B_2 = 367$

7126: $7^{96} \Rightarrow 389\cdot 971\cdot P_{76},\ B_1 = 240$

7127: $P_{76}^2,\ B_2 = 302$

7128: $7^{100} \Rightarrow 607\cdot 809\cdot 6263\cdot p_{76},\ B_1 = 178$

7129: $p_{76}^1 \Rightarrow 3\cdot 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 7^{100}$

7130: $p_{76}^2,\ B_2 = 300$

7131: $7^{102} \Rightarrow 17923\cdot P_{83},\ B_1 = 258$

7132: $P_{83}^2,\ B_2 = 328$

7133: $7^{106} \Rightarrow 22710928374580780852 9\cdot 16202215688813645828 21\cdot p_{49},\ B_1 = 220$

7134: $p_{49}^1 \Rightarrow 92593\cdot 255828737\cdot 3467398618193\cdot P_{22},\ B_1 = 316$

7135: $p_{49}^2 \Rightarrow 3\cdot 7\cdot 439\cdot n,\ B_1 = 346;\ \ q^4,\ B_2 = 384$

7137: $7^{108} \Rightarrow 14551288401737861\cdot 635057076900488801017854281 03\cdot P_{47},\ B_1 = 257$

7138: $P_{47}^2 \Rightarrow 3\cdot 43\cdot 439\cdot n,\ B_1 = 355;\ \ q^4,\ B_2 = 370$

7140: $7^{112} \Rightarrow 227\cdot P_{93},\ B_1 = 284$

7141: $P_{93}^2,\ B_2 = 369$

7142: $7^{126} \Rightarrow 260461507\cdot 55435122650527538067616267270 3\cdot p_{69},\ B_1 = 251$

7143: $p_{69}^1 \Rightarrow 277\cdot n,\ B_1 = 321;\ \ q^2,\ B_3 = 319$

7145: $7^{130} \Rightarrow p_{110},\ B_1 = 219$

7146: $p_{110}^1 \Rightarrow 3\cdot n,\ B_1 = 329;\ \ q^2,\ B_2 = 439$

7148: $7^{136} \Rightarrow 2741\cdot 213721\cdot 251533\cdot 57162922399254002352124124899\cdot$
$65480203458464902965944539043\cdot p_{44},\ B_1 = 301$

7149: $7^{138} \Rightarrow 19739\cdot 673039\cdot p_{107},\ B_1 = 243$

7150: $p_{107}^1 \Rightarrow 3\cdot n,\ B_1 = 350;\ \ q^2,\ B_2 = 426$

7152: $7^{148} \Rightarrow p_{126},\ B_1 = 250$

7153: $p_{126}^1 \Rightarrow 3\cdot n,\ B_1 = 375;\ \ q^2,\ B_2 = 500$

7155: $7^{150} \Rightarrow 115356256117\cdot 36076003832567\cdot$
$2064625205030137935 61\cdot 285634900131155923199 37\cdot P_{61},\ B_1 = 358$

7156: $7^{156} \Rightarrow 4397\cdot 5653\cdot 1039945344901\cdot p_{113},\ B_1 = 283$

7157: $p_{113}^1 \Rightarrow 3\cdot n,\ B_1 = 395;\ \ q^2,\ B_2 = 449$

7159: $7^{162} \Rightarrow 653 \cdot 9781 \cdot 1260643 \cdot 962207945014470392304193 \cdot c_{101},\ B_1 = 286$

7160: $p_{24}^{1} \Rightarrow 47 \cdot n,\ B_1 = 312;\ q^2,\ B_3 = 306$

7162: $7^{166} \Rightarrow 2158061509 \cdot 6239323742042909453 59 \cdot n,\ B_1 = 301$

7163: $7^{172} \Rightarrow c_{146},\ B_{25} = 363\ see\ text;\ q^{178},\ B_2 = 300$

7165: $11^2 \Rightarrow 19\ldots,\ D$
7166: $11^4 \Rightarrow 5\cdot 3221,\ B_1 = 9$
7167: $3221^1 \Rightarrow 3^2\cdot 179,\ B_1 = 14$
7168: $179^2 \Rightarrow 7\ldots,\ D$
7169: $179^4 \Rightarrow 11\cdot 93853931,\ B_1 = 34$
7170: $93853931^2 \Rightarrow 19\ldots,\ D$
7171: $93853931^4 \Rightarrow 5\cdot 71\ldots,\ S\ \ 3^2\cdot 5^2\cdot 11^4\cdot 71^2\cdot 179^4$
7172: $93853931^6 \Rightarrow 449\cdot 122921\cdot 50479787\cdot P_{33},\ B_1 = 162$
7173: $P_{33}^2 \Rightarrow 19\ldots,\ D$
7174: $P_{33}^4 \Rightarrow n,\ B_1 = 356;\ \ q^6,\ B_2 = 388$
7176: $93853931^{10} \Rightarrow 23\ldots,\ S\ \ 3^2\cdot 5^2\cdot 11^4\cdot 23^2$
7177: $93853931^{12} \Rightarrow 53\ldots,\ S\ \ 3^2\cdot 5^2\cdot 11^4\cdot 53^2$
7178: $93853931^{16} \Rightarrow 110603\cdot P_{123},\ B_1 = 401$
7179: $93853931^{18} \Rightarrow 191\cdot n,\ B_1 = 308;\ \ q^{22},\ B_2 = 350$
7181: $179^6 \Rightarrow 71\ldots,\ S\ \ 3^2\cdot 5^2\cdot 11^4\cdot 71^2\cdot 179^6$
7182: $179^{10} \Rightarrow 23\ldots,\ S\ \ 3^2\cdot 5^2\cdot 11^4\cdot 23^2$
7183: $179^{12} \Rightarrow 79\ldots,\ S\ \ 3^2\cdot 5^2\cdot 11^4\cdot 79^2\cdot 179^{12}$
7184: $179^{16} \Rightarrow 103\ldots,\ S\ \ 3^2\cdot 5^2\cdot 11^4\cdot 103^2\cdot 179^{16}$
7185: $179^{18} \Rightarrow p_{41},\ B_1 = 131$
7186: $p_{41}^2 \Rightarrow 3\ldots,\ S\ \ 3^4\cdot 5^2\cdot 11^4$
7187: $p_{41}^4,\ B_2 = 324$
7188: $179^{22} \Rightarrow 3271712442424532693\cdot p_{32},\ B_1 = 158$
7189: $p_{32}^2 \Rightarrow 7\ldots,\ D$
7190: $p_{32}^4 \Rightarrow 521\cdot n,\ B_1 = 347;\ \ q^6,\ B_2 = 372$
7192: $179^{28} \Rightarrow 2437\cdot 10151\cdot 189661\cdot P_{51},\ B_1 = 199$
7193: $P_{51}^2 \Rightarrow 7\ldots,\ D$
7194: $P_{51}^4,\ B_2 = 403$
7195: $179^{30} \Rightarrow 52081\cdot 2488953079621\cdot 252727836768067\cdot P_{37},\ B_1 = 212$
7196: $P_{37}^2 \Rightarrow 3\ldots,\ S\ \ 3^4\cdot 5^2\cdot 11^4$
7197: $P_{37}^4 \Rightarrow 101\ldots,\ S\ \ 3^2\cdot 5^2\cdot 11^4\cdot 101^2\cdot 179^{30}$
7198: $P_{37}^6,\ B_2 = 432$
7199: $179^{36} \Rightarrow 149\cdot 26641\cdot 45228380500883\cdot P_{61},\ B_1 = 253$
7200: $P_{61}^2 \Rightarrow 7\ldots,\ D$
7201: $P_{61}^4,\ B_2 = 486$
7202: $179^{40} \Rightarrow 25564888485911\cdot 67677732904252588359589624752943968 67\cdot p_{40},\ B_1 = 280$
7203: $p_{40}^2 \Rightarrow 19\ldots,\ D$
7204: $p_{40}^4,\ B_3 = 360$
7205: $179^{42} \Rightarrow 173\cdot 13417\cdot 2408431\cdot 25926544013\cdot 5771057434344001\cdot P_{56},\ B_1 = 293$
7206: $P_{56}^2 \Rightarrow 3\ldots,\ S\ \ 3^4\cdot 5^2\cdot 11^4$
7207: $P_{56}^4,\ B_2 = 445$
7208: $179^{46} \Rightarrow 24386798176032133\cdot p_{88},\ B_1 = 320$
7209: $179^{52} \Rightarrow 94000589\cdot p_{110},\ B_1 = 361$
7210: $179^{58} \Rightarrow 6373\cdot 3301169\cdot c_{121},\ B_1 = 281$
7211: $3301169^2 \Rightarrow 7\ldots,\ D$
7212: $3301169^4 \Rightarrow 11\cdot n,\ B_1 = 319;\ \ q^6,\ B_3 = 307$
7214: $179^{60} \Rightarrow 977\cdot 28805249423017\cdot 3564122750504917\cdot p_{104},\ B_1 = 415$
7215: $179^{66} \Rightarrow n,\ B_1 = 307;\ \ q^{70},\ B_2 = 315$
7217: $3221^2 \Rightarrow 10378063,\ B_1 = 25$
7218: $10378063^2 \Rightarrow 3\cdot 769\cdot 46685826619,\ B_1 = 51$
7219: $46685826619^2 \Rightarrow 3\cdot 13\ldots,\ S\ \ 3^2\cdot 5\cdot 11^4\cdot 13^2$
7220: $46685826619^4 \Rightarrow 11\cdot 31\cdot p_{41},\ B_1 = 119$
7221: $p_{41}^1 \Rightarrow 11\ldots,\ S\ \ 3^2\cdot 5^2\cdot 11^4\cdot 31^2$
7222: $p_{41}^2 \Rightarrow 3\cdot 109\cdot 14983303\cdot 34667497\cdot 25977449365300382 1347797\cdot P_{40},\ B_1 = 295$
7223: $P_{40}^2 \Rightarrow 3\cdot 13\ldots,\ S\ \ 3^4\cdot 5\cdot 11^4\cdot 13^2$

7224: $P_{40}^4,\ B_3 = 374$

7225: $p_{41}^4,\ B_2 = 321$

7226: $46685826619^6 \Rightarrow 29023 \cdot 235304740037879 \cdot p_{46},\ B_1 = 180$

7227: $p_{46}^1 \Rightarrow 3^4 \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 11^4$

7228: $p_{46}^2 \Rightarrow 13 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 11^4 \cdot 13^2$

7229: $p_{46}^4,\ B_2 = 361$

7230: $46685826619^{10} \Rightarrow 67 \cdot 991 \cdot 650476233873814322895591022651056647581156017490 41 \cdot P_{54},\ B_1 = 327$

7231: $46685826619^{12} \Rightarrow 53 \cdot 7333 \cdot 42247129411026219053054 3 \cdot n,\ B_1 = 314;\ \ q^{16},\ B_2 = 341$

7233: $10378063^4 \Rightarrow 11 \cdot 33151 \cdot p_{23},\ B_1 = 72$

7234: $p_{23}^1 \Rightarrow 41 \cdot 547 \cdot 133333987 \cdot 5319047759,\ B_1 = 116$

7235: $5319047759^2 \Rightarrow 7 \ldots,\ D$

7236: $5319047759^4 \Rightarrow 11 \cdot 3924968876651411 \cdot p_{23},\ B_1 = 211$

7237: $p_{23}^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 41^2$

7238: $p_{23}^4 \Rightarrow 5 \cdot 11 \cdot n,\ B_1 = 343;\ \ q^6,\ B_3 = 300$

7240: $5319047759^6 \Rightarrow 43 \cdot 16451 \cdot 1035635567 \cdot P_{44},\ B_1 = 272$

7241: $P_{44}^2 \Rightarrow 3 \cdot 13 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 13^2$

7242: $P_{44}^4,\ B_3 = 359$

7243: $5319047759^{10} \Rightarrow 727 \cdot 36433 \cdot 412303 \cdot n,\ B_1 = 304$

7244: $5319047759^{12} \Rightarrow 53 \cdot 157 \cdot n,\ B_1 = 334;\ \ q^{16},\ B_2 = 311$

7246: $p_{23}^2 \Rightarrow 3 \cdot 208519 \cdot 7753171 \cdot p_{33},\ B_1 = 152$

7247: $p_{33}^1 \Rightarrow 5 \cdot 23 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 23^2$

7248: $p_{33}^2 \Rightarrow 7 \ldots,\ D$

7249: $p_{33}^4 \Rightarrow 11^2 \cdot 211 \cdot n,\ B_1 = 378;\ \ q^6,\ B_2 = 387$

7251: $p_{23}^4 \Rightarrow 5 \cdot 11 \cdot 521 \cdot 2035958401 \cdot 16166009654909618711 \cdot p_{58},\ B_1 = 259$

7252: $p_{58}^1 \Rightarrow 3 \cdot 37^2 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 37^2$

7253: $p_{58}^2,\ B_3 = 306$

7254: $p_{23}^6 \Rightarrow 211 \cdot n,\ B_1 = 321;\ \ q^{10},\ B_2 = 450$

7256: $10378063^6 \Rightarrow 127 \ldots,\ D$

7257: $10378063^{10} \Rightarrow 23 \cdot 1195278922619 \cdot 9794878649711 \cdot P_{44},\ B_1 = 222$

7258: $P_{44}^2 \Rightarrow 127 \ldots,\ D$

7259: $P_{44}^4,\ B_2 = 349$

7260: $10378063^{12} \Rightarrow 131 \cdot 730800681236226669315531261469425345160092293146 3 \cdot p_{35},\ B_1 = 231$

7261: $p_{35}^1 \Rightarrow 7 \ldots,\ D$

7262: $p_{35}^2 \Rightarrow 61 \cdot 313 \cdot n,\ B_1 = 314;\ \ q^4,\ B_3 = 310$

7264: $10378063^{16} \Rightarrow 307 \cdot 613 \cdot 3852949 \cdot 28744367857 \cdot c_{90},\ B_1 = 248$

7265: $28744367857^1 \Rightarrow 15331 \cdot 937459,\ B_1 = 269$

7266: $937459^2 \Rightarrow 3 \cdot 13 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 13^2$

7267: $937459^4 \Rightarrow n,\ B_1 = 305$

7268: $937459^6 \Rightarrow 43 \cdot n,\ B_1 = 330;\ \ q^{10},\ B_3 = 317$

7270: $28744367857^2 \Rightarrow 7 \ldots,\ D$

7271: $28744367857^4 \Rightarrow n,\ B_1 = 315$

7272: $28744367857^6 \Rightarrow 43 \cdot n,\ B_1 = 359;\ \ q^{10},\ B_3 = 336$

7274: $10378063^{18} \Rightarrow 54151 \cdot 375707 \cdot 504527 \cdot P_{111},\ B_1 = 390;\ \ q^{22},\ B_2 = 308$

7276: $3221^4 \Rightarrow 5 \cdot 11 \cdot P_{13},\ B_1 = 43$

7277: $P_{13}^2 \Rightarrow 7 \ldots,\ D$

7278: $P_{13}^4 \Rightarrow 5 \cdot 41 \cdot 2317501006871 \cdot 46655194921979251 \cdot p_{18},\ B_1 = 149$

7279: $p_{18}^1 \Rightarrow 49741 \cdot 2270113 \cdot 2934097,\ B_1 = 184$

7280: $2934097^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^4 \cdot 11^4 \cdot 41^2$

7281: $2934097^4 \Rightarrow 61 \cdot p_{25},\ B_1 = 248$

7282: $p_{25}^2 \Rightarrow 2341 \cdot 24631 \cdot p_{41},\ B_1 = 345$

7283: $p_{25}^4 \Rightarrow 5 \cdot 41 \cdot n,\ B_1 = 391;\ \ q^6,\ B_3 = 345$

7285: $2934097^6 \Rightarrow 127 \ldots,\ D$

$2934097^{10} \Rightarrow 11 \cdot 317857 \cdot 242209771 \cdot n,\ B_1 = 313$

$2934097^{12} \Rightarrow n,\ B_1 = 326$

$2934097^{16} \Rightarrow n,\ B_1 = 378$

$2934097^{18} \Rightarrow n,\ B_1 = 404;\ \ q^{22},\ B_3 = 313$

$p_{18}^2 \Rightarrow 7 \ldots,\ D$

$p_{18}^4 \Rightarrow 5 \cdot 1301 \cdot 1258451 \cdot 10306712347247321 \cdot P_{46},\ B_1 = 327$

$p_{18}^6 \Rightarrow 29 \cdot n,\ B_1 = 345;\ \ q^{10},\ B_2 = 356$

$P_{13}^6 \Rightarrow 43 \cdot 583171 \cdot 8460677 \cdot 16222061143 \cdot 65353064513421781222971 7 \cdot P_{26},\ B_1 = 217$

$P_{26}^2 \Rightarrow 59281 \cdot 4129921 \cdot 1348929011257 \cdot p_{28},\ B_1 = 315$

$P_{26}^4 \Rightarrow 11 \cdot 41 \cdot n,\ B_1 = 369;\ \ q^6,\ B_3 = 318$

$P_{13}^{10} \Rightarrow 11 \cdot 727 \cdot 120077 \cdot 1226812764101 \cdot$
$757445991385775 57 \cdot 1201191166238092855 99 \cdot n,\ B_1 = 304$

$P_{13}^{12} \Rightarrow 599 \cdot n,\ B_1 = 316;\ \ q^{16},\ B_2 = 393$

$3221^6 \Rightarrow 7 \ldots,\ D$

$3221^{10} \Rightarrow 381510691 \cdot p_{27},\ B_1 = 84$

$p_{27}^1 \Rightarrow 264071 \cdot p_{21},\ B_1 = 136$

$p_{21}^2 \Rightarrow 7 \ldots,\ D$

$p_{21}^4 \Rightarrow 5 \cdot 11^2 \cdot 14561 \cdot 113381 \cdot 1623524171 \cdot P_{62},\ B_1 = 338$

$p_{21}^6 \Rightarrow 29^2 \cdot n,\ B_1 = 344;\ \ q^{10},\ B_2 = 415$

$p_{27}^2 \Rightarrow 7 \ldots,\ D$

$p_{27}^4 \Rightarrow 5 \cdot p_{106},\ B_1 = 269$

$p_{106}^1 \Rightarrow n,\ B_1 = 374;\ \ q^2,\ B_2 = 421$

$p_{27}^6,\ B_2 = 317$

$3221^{12} \Rightarrow p_{43},\ B_1 = 89$

$p_{43}^1 \Rightarrow 7 \ldots,\ D$

$p_{43}^2 \Rightarrow 3 \cdot 1483 \cdot 538357 \cdot 34640062729 \cdot 213421026317646359 1037 \cdot P_{43},\ B_1 = 278$

$P_{43}^2 \Rightarrow 3 \cdot 571 \cdot n,\ B_1 = 367;\ \ q^4,\ B_3 = 364$

$p_{43}^4,\ B_2 = 336$

$3221^{16} \Rightarrow 1429 \cdot 12547 \cdot 22951667 \cdot p_{42},\ B_1 = 132$

$p_{42}^1 \Rightarrow 3 \cdot 13 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 13^2$

$p_{42}^2 \Rightarrow 19 \ldots,\ D;\ \ q^4,\ B_2 = 332$

$3221^{18} \Rightarrow 1597 \cdot 92693326829009034 47 \cdot 94970877087337750 13 \cdot p_{22},\ B_1 = 172$

$p_{22}^1 \Rightarrow p_{22},\ B_1 = 216$

$p_{22}^2 \Rightarrow 3 \cdot 3319 \cdot 10159 \cdot 11173 \cdot p_{32},\ B_1 = 303$

$p_{22}^4 \Rightarrow 11 \cdot 241 \cdot n,\ B_1 = 347;\ \ q^6,\ B_3 = 303$

$p_{22}^2 \Rightarrow 7 \ldots,\ D$

$p_{22}^4 \Rightarrow 11 \cdot n,\ B_1 = 306$

$p_{22}^6 \Rightarrow n,\ B_1 = 395;\ \ q^{10},\ B_2 = 439$

$3221^{22} \Rightarrow 23 \cdot 47 \cdot 42067967 \cdot 7229793156987614 8483 \cdot P_{47},\ B_1 = 236$

$P_{47}^2 \Rightarrow 769 \cdot n,\ B_1 = 330;\ \ q^4,\ B_2 = 373$

$3221^{28} \Rightarrow 59 \cdot 12025801940360329586 5837 \cdot 22298963503441381650 7920403 \cdot p_{48},\ B_1 = 253$

$p_{48}^1 \Rightarrow 3 \cdot 17 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 17^2$

$p_{48}^2 \Rightarrow 19 \ldots,\ D;\ \ q^4,\ B_2 = 376$

$3221^{30} \Rightarrow 44049389 \cdot 230464097482937 \cdot$
$38612721103465886 99 \cdot 16607430114044680759449596 5831 \cdot P_{36},\ B_1 = 306$

$3221^{36} \Rightarrow 593 \cdot 1047059227 \cdot P_{115},\ B_1 = 381$

$3221^{40} \Rightarrow 41903 \cdot 44281 \cdot 892079 \cdot 19348196267 \cdot 142469884267 \cdot 1132827484651 \cdot n,\ B_1 = 330$

$3221^{42} \Rightarrow c_{148},\ B_{25} = 368\ see\ text;\ \ q^{46},\ B_2 = 322$

$11^6 \Rightarrow 43 \cdot 45319,\ B_1 = 18$

$45319^2 \Rightarrow 127 \ldots,\ D$

$45319^4 \Rightarrow 151 \cdot P_{17},\ B_1 = 65$

$P_{17}^2 \Rightarrow 43 \cdot 151 \cdot 7621 \cdot p_{26},\ B_1 = 98$

$p_{26}^1 \Rightarrow 839 \cdot 4679 \cdot p_{19},\ B_1 = 148$

$p_{19}^2 \Rightarrow 7 \ldots,\ D$

7351: $p_{19}^4 \Rightarrow 5\cdot 11^2\cdot 131\cdot 251\cdot 19031\cdot 77635408621\cdot 177853104239869501\cdot P_{34},\ B_1 = 327$
7352: $p_{19}^6 \Rightarrow 211\cdot 491\cdot n,\ B_1 = 336;\ \ q^{10},\ B_2 = 366$
7354: $p_{26}^2 \Rightarrow 3\cdot 109\cdot 141403\cdot 16559197\cdot P_{36},\ B_1 = 217$
7355: $P_{36}^2 \Rightarrow 3\cdot 13\cdot 31\cdot 103\cdot 9135703064070361\cdot 881537004113202252 37\cdot P_{31},\ B_1 = 345$
7356: $P_{36}^4 \Rightarrow 191\cdot 461\cdot 491\cdot n,\ B_1 = 437;\ \ q^6,\ B_2 = 426$
7358: $p_{26}^4 \Rightarrow 5\cdot 41\cdot 164335892598341\cdot$
$19711843222670471\cdot 92634206198938806 11\cdot p_{50},\ B_1 = 326;\ \ q^6,\ B_2 = 302$
7360: $P_{17}^4 \Rightarrow 5\cdot 31\cdot 1321\cdot 5568311835481\cdot P_{48},\ B_1 = 217$
7361: $P_{48}^2 \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_2 = 381$
7363: $P_{17}^6 \Rightarrow p_{99},\ B_1 = 229$
7364: $p_{99}^1 \Rightarrow 11\cdot 17\cdot n,\ B_1 = 328;\ \ q^2,\ B_2 = 394$
7366: $P_{17}^{10},\ B_2 = 328$
7367: $45319^6 \Rightarrow 7\ldots,\ D$
7368: $45319^{10} \Rightarrow 23\cdot 38677\cdot 1806482129\cdot 1670048579431\cdot p_{20},\ B_1 = 130$
7369: $p_{20}^1 \Rightarrow 3\cdot 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 11^6\cdot 23^2$
7370: $p_{20}^2 \Rightarrow 7\ldots,\ D$
7371: $p_{20}^4 \Rightarrow 31\cdot 716002311341\cdot 1291681410301\cdot P_{52},\ B_1 = 328$
7372: $p_{20}^6 \Rightarrow n,\ B_1 = 331;\ \ q^{10},\ B_2 = 382$
7374: $45319^{12} \Rightarrow 13\cdot 79\cdot 24576241\cdot 254169641233\cdot P_{35},\ B_1 = 165$
7375: $P_{35}^2 \Rightarrow 7\ldots,\ D$
7376: $P_{35}^4 \Rightarrow 5\cdot 11\cdot n,\ B_1 = 369;\ \ q^6,\ B_2 = 408$
7378: $45319^{16} \Rightarrow 919\cdot 1531\cdot 6359\cdot 3529970460691431 1\cdot 3445701526562462320 80931\cdot P_{25},\ B_1 = 233$
7379: $P_{25}^2 \Rightarrow 7\ldots,\ D$
7380: $P_{25}^4 \Rightarrow 5\cdot 11\cdot 211\cdot n,\ B_1 = 381;\ \ q^6,\ B_3 = 330$
7382: $45319^{18} \Rightarrow 191\cdot P_{82},\ B_1 = 260$
7383: $P_{82}^2,\ B_2 = 326$
7384: $45319^{22} \Rightarrow 10903\cdot 18217\cdot 5478148379959\cdot p_{82},\ B_1 = 235$
7385: $p_{82}^1 \Rightarrow 3^2\cdot 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 11^6\cdot 43^2$
7386: $p_{82}^2,\ B_2 = 325$
7387: $45319^{28} \Rightarrow 59\cdot 233\cdot 1433413\cdot 2934859\cdot 2434051723\cdot P_{105},\ B_1 = 394$
7388: $45319^{30} \Rightarrow 311\cdot 17020427\cdot 19227513398143\cdot 846503547981397\cdot n,\ B_1 = 311;\ \ q^{36},\ B_2 = 335$
7390: $11^{10} \Rightarrow 15797\cdot 1806113,\ B_1 = 25$
7391: $1806113^1 \Rightarrow 3\cdot 17\cdot 17707,\ B_1 = 36$
7392: $17707^2 \Rightarrow 7\ldots,\ D$
7393: $17707^4 \Rightarrow p_{17},\ B_1 = 79$
7394: $p_{17}^2 \Rightarrow 31\cdot 61\cdot 123007\cdot 10113553\cdot 28612693\cdot 143590301611,\ B_1 = 147$
7395: $143590301611^2 \Rightarrow 127\ldots,\ D$
7396: $143590301611^4 \Rightarrow 5\cdot 11\ldots,\ S\ \ 3^2\cdot 5^2\cdot 11^{10}\cdot 17^2$
7397: $143590301611^6 \Rightarrow 7\ldots,\ D$
7398: $143590301611^{10} \Rightarrow 23\cdot n,\ B_1 = 349$
7399: $143590301611^{12} \Rightarrow 53\cdot 521\cdot n,\ B_1 = 397;\ \ q^{16},\ B_2 = 357$
7401: $p_{17}^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5^2\cdot 11^{10}\cdot 17^2$
7402: $p_{17}^6 \Rightarrow P_{102},\ B_1 = 351;\ \ q^{10},\ B_2 = 339$
7404: $17707^6 \Rightarrow p_{26},\ B_1 = 104$
7405: $p_{26}^2 \Rightarrow 3\cdot 1213\cdot 79423\cdot P_{43},\ B_1 = 205$
7406: $P_{43}^2 \Rightarrow 7\ldots,\ D$
7407: $P_{43}^4,\ B_2 = 340$
7408: $p_{26}^4 \Rightarrow 2111\cdot 170711\cdot 6593664641\cdot 252974937019643308984421\cdot$
$19865828668812049396886458361\cdot p_{32},\ B_1 = 359;\ \ q^6,\ B_2 = 305$
7410: $17707^{10} \Rightarrow 1013\cdot 394300646587\cdot P_{28},\ B_1 = 155$
7411: $P_{28}^2 \Rightarrow 3\cdot 163\cdot 9206503807988151 1\cdot P_{37},\ B_1 = 266$
7412: $P_{37}^2 \Rightarrow 7\ldots,\ D$
7413: $P_{37}^4,\ B_3 = 338$
7414: $P_{28}^4 \Rightarrow 61\cdot 181\cdot n,\ B_1 = 327;\ \ q^6,\ B_2 = 334$

$17707^{12} \Rightarrow 13 \cdot 8528599 \cdot 18103947594851 \cdot p_{30},\ B_1 = 181$

$p_{30}^2 \Rightarrow 7 \ldots,\ D$

$p_{30}^4 \Rightarrow 11^2 \cdot n,\ B_1 = 357;\ \ q^6,\ B_2 = 356$

$17707^{16} \Rightarrow 137^2 \cdot 4931 \cdot 94218863 \cdot 756381395073013825699720 61 \cdot p_{27},\ B_1 = 228$

$p_{27}^2 \Rightarrow 3 \cdot 31 \cdot 61 \cdot 27815217672493 \cdot P_{36},\ B_1 = 331$

$p_{27}^4 \Rightarrow 41 \cdot n,\ B_1 = 386;\ \ q^6,\ B_3 = 332$

$17707^{18} \Rightarrow 3079 \cdot 16417 \cdot P_{69},\ B_1 = 257$

$P_{69}^2 \Rightarrow 3 \cdot 31 \cdot 139 \cdot 919 \cdot n,\ B_1 = 401;\ \ q^4,\ B_2 = 550$

$17707^{22} \Rightarrow 277 \cdot 2531 \cdot 13109357 \cdot 7678895047 \cdot p_{71},\ B_1 = 308$

$17707^{28} \Rightarrow 59 \cdot 349 \cdot 22709681747 \cdot 2521350240206599 \cdot P_{89},\ B_1 = 385$

$17707^{30} \Rightarrow 1117 \cdot 1861 \cdot 275588698074649 \cdot p_{107},\ B_1 = 410;\ \ q^{36},\ B_2 = 305$

$1806113^2 \Rightarrow 19 \ldots,\ D$

$1806113^4 \Rightarrow 4051 \cdot 37680901 \cdot P_{14},\ B_1 = 86$

$P_{14}^2 \Rightarrow 3 \cdot P_{28},\ B_1 = 141$

$P_{28}^2 \Rightarrow 127 \ldots,\ D$

$P_{28}^4 \Rightarrow 5 \cdot 31 \cdot 71^2 \cdot n,\ B_1 = 307;\ \ q^6,\ B_2 = 326$

$P_{14}^4 \Rightarrow 5 \cdot 11^2 \cdot 251 \cdot 28921 \cdot 8590324811 \cdot 40272778790024161 \cdot p_{20},\ B_1 = 208$

$p_{20}^1 \Rightarrow 23 \cdot 139 \cdot 106219 \cdot 22884801377,\ B_1 = 246$

$22884801377^2 \Rightarrow 19 \ldots,\ D$

$22884801377^4 \Rightarrow 11 \cdot 31 \cdot 41 \cdot 491 \cdot n,\ B_1 = 313$

$22884801377^6 \Rightarrow n,\ B_1 = 350;\ \ q^{10},\ B_3 = 329$

$p_{20}^2 \Rightarrow 7 \ldots,\ D$

$p_{20}^4 \Rightarrow 5 \cdot 11 \cdot n,\ B_1 = 324$

$p_{20}^6 \Rightarrow 29 \cdot n,\ B_1 = 404;\ \ q^{10},\ B_2 = 383$

$P_{14}^6 \Rightarrow 6133 \cdot 33503 \cdot 4906063 \cdot 187602236291 \cdot 45413642232902042578940724 49 \cdot P_{30},\ B_1 = 287$

$P_{30}^2 \Rightarrow 127 \ldots,\ D;\ \ q^4,\ B_3 = 345$

$P_{14}^{10} \Rightarrow 67 \cdot n,\ B_1 = 337;\ \ q^{12},\ B_2 = 332$

$1806113^6 \Rightarrow 7 \ldots,\ D$

$1806113^{10} \Rightarrow 11 \cdot 199 \cdot 155697059523919 \cdot 398749653853719592 61 \cdot p_{26},\ B_1 = 178$

$p_{26}^1 \Rightarrow 1231 \cdot p_{23},\ B_1 = 229$

$p_{23}^2 \Rightarrow 3 \cdot p_{44},\ B_1 = 317$

$p_{23}^4 \Rightarrow 31 \cdot n,\ B_1 = 363;\ \ q^6,\ B_3 = 317$

$p_{26}^2 \Rightarrow 7 \ldots,\ D$

$p_{26}^4 \Rightarrow n,\ B_1 = 337;\ \ q^6,\ B_2 = 305$

$1806113^{12} \Rightarrow 313 \cdot 20177 \cdot 8637227 \cdot 167155552442777709 \cdot P_{46},\ B_1 = 227$

$P_{46}^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_2 = 360$

$1806113^{16} \Rightarrow 103 \cdot 652937 \cdot 6557479 \cdot c_{86},\ B_1 = 227$

$6557479^2 \Rightarrow 3 \cdot 2053 \cdot 43867 \cdot 159157,\ B_1 = 255$

$159157^1 \Rightarrow 79579,\ B_1 = 265$

$79579^2 \Rightarrow 19 \ldots,\ D$

$79579^4 \Rightarrow 11 \cdot 31 \cdot 1181 \cdot 354451 \cdot 280956371,\ B_1 = 312$

$79579^6 \Rightarrow n,\ B_1 = 314;\ \ q^{10},\ B_3 = 304$

$159157^2 \Rightarrow 3 \cdot 8443703269,\ B_1 = 270$

$8443703269^1 \Rightarrow 5 \cdot 1877 \cdot 449851,\ B_1 = 290$

$449851^2 \Rightarrow 19 \ldots,\ D$

$449851^4,\ B_3 = 301$

$8443703269^2 \Rightarrow 3 \cdot 31 \cdot 9187 \cdot p_{14},\ B_1 = 306$

$8443703269^4 \Rightarrow n,\ B_1 = 334;\ \ q^6,\ B_3 = 314$

$159157^4 \Rightarrow 11 \cdot 3391 \cdot 674831 \cdot 25491195671,\ B_1 = 305$

$159157^6 \Rightarrow 197 \cdot n,\ B_1 = 309$

$159157^{10} \Rightarrow n,\ B_1 = 348;\ \ q^{12},\ B_3 = 307$

$6557479^4 \Rightarrow 11 \cdot 431 \cdot p_{24},\ B_1 = 276$

$p_{24}^1 \Rightarrow 127 \ldots,\ D$

$p_{24}^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_3 = 341$

7486: $6557479^{6} \Rightarrow 2311 \cdot 50093 \cdot n,\ B_1 = 304$
7487: $6557479^{10} \Rightarrow 23 \cdot 419 \cdot n,\ B_1 = 354$
7488: $6557479^{12} \Rightarrow n,\ B_1 = 377;\ \ q^{16},\ B_3 = 323$
7490: $1806113^{18} \Rightarrow 6689 \cdot 5945737489 \cdot 269667498523 \cdot p_{88},\ B_1 = 269$
7491: $p_{88}^{1} \Rightarrow 7 \ldots,\ D;\ \ q^{2},\ B_2 = 350$
7493: $1806113^{22} \Rightarrow 278014221827 \cdot n,\ B_1 = 301;\ \ q^{28},\ B_2 = 350$
7495: $11^{12} \Rightarrow 1093 \cdot 3158528101,\ B_1 = 28$
7496: $3158528101^{1} \Rightarrow 1579264051,\ B_1 = 46$
7497: $1579264051^{2} \Rightarrow 19 \ldots,\ D$
7498: $1579264051^{4} \Rightarrow 5 \cdot 41^{2} \cdot 1091 \cdot 291271 \cdot 1232941 \cdot p_{19},\ B_1 = 135$
7499: $p_{19}^{2} \Rightarrow 7 \ldots,\ D$
7500: $p_{19}^{4} \Rightarrow 5 \cdot 41 \cdot 10065821 \cdot 7528587611 \cdot P_{54},\ B_1 = 316$
7501: $p_{19}^{6} \Rightarrow 29 \cdot 337 \cdot n,\ B_1 = 321;\ \ q^{10},\ B_2 = 365$
7503: $1579264051^{6} \Rightarrow 7 \ldots,\ D$
7504: $1579264051^{10} \Rightarrow 23 \cdot 7019 \cdot c_{87},\ B_1 = 217$
7505: $7019^{2} \Rightarrow 37 \cdot 97 \cdot 13729,\ B_1 = 232$
7506: $13729^{2} \Rightarrow 19 \ldots,\ D$
7507: $13729^{4} \Rightarrow 33161 \cdot p_{13},\ B_1 = 274$
7508: $p_{13}^{2} \Rightarrow 3 \cdot 919 \cdot n,\ B_1 = 301$
7509: $p_{13}^{4} \Rightarrow 5 \cdot n,\ B_1 = 346;\ \ q^{6},\ B_3 = 322$
7511: $13729^{6} \Rightarrow 1145686697 \cdot P_{16},\ B_1 = 298$
7512: $P_{16}^{2} \Rightarrow 37 \cdot n,\ B_1 = 328;\ \ q^{4},\ B_3 = 330$
7514: $13729^{10} \Rightarrow 11 \cdot n,\ B_1 = 306$
7515: $13729^{12} \Rightarrow 13 \cdot 79 \cdot n,\ B_1 = 326$
7516: $13729^{16} \Rightarrow 103 \cdot n,\ B_1 = 358$
7517: $13729^{18} \Rightarrow 229 \cdot n,\ B_1 = 375;\ \ q^{22},\ B_3 = 315$
7519: $7019^{4} \Rightarrow 271 \cdot 571 \cdot 15687634021,\ B_1 = 255$
7520: $15687634021^{2} \Rightarrow 3 \cdot 61 \cdot p_{19},\ B_1 = 296$
7521: $p_{19}^{2} \Rightarrow 3 \cdot 37 \cdot 163 \cdot n,\ B_1 = 336;\ \ q^{4},\ B_3 = 332$
7523: $15687634021^{4} \Rightarrow 5 \cdot 11 \cdot n,\ B_1 = 316$
7524: $15687634021^{6} \Rightarrow n,\ B_1 = 357;\ \ q^{10},\ B_3 = 337$
7526: $7019^{6} \Rightarrow 41357 \cdot p_{19},\ B_1 = 278$
7527: $p_{19}^{2} \Rightarrow 97 \cdot n,\ B_1 = 317;\ \ q^{4},\ B_3 = 315$
7529: $7019^{10} \Rightarrow 11 \cdot 23 \cdot p_{37},\ B_1 = 320$
7530: $7019^{12} \Rightarrow 79 \cdot n,\ B_1 = 303$
7531: $7019^{16} \Rightarrow n,\ B_1 = 332$
7532: $7019^{18} \Rightarrow n,\ B_1 = 348$
7533: $7019^{22} \Rightarrow 47 \cdot n,\ B_1 = 380;\ \ q^{28},\ B_3 = 317$
7535: $1579264051^{12} \Rightarrow 13 \cdot 53 \cdot p_{108},\ B_1 = 359$
7536: $1579264051^{16} \Rightarrow n,\ B_1 = 322;\ \ q^{18},\ B_2 = 331$
7538: $3158528101^{2} \Rightarrow 3 \cdot p_{19},\ B_1 = 57$
7539: $p_{19}^{1} \Rightarrow 17 \cdot 11719 \cdot 269117 \cdot 31012561,\ B_1 = 93$
7540: $31012561^{2} \Rightarrow 3 \cdot p_{15},\ B_1 = 122$
7541: $p_{15}^{2} \Rightarrow 3 \cdot 1579 \cdot 3187 \cdot p_{22},\ B_1 = 180$
7542: $p_{22}^{2} \Rightarrow 3 \cdot 37 \cdot 373 \cdot 316681 \cdot 119794019783419 \cdot P_{20},\ B_1 = 266$
7543: $P_{20}^{2} \Rightarrow 19 \ldots,\ D;\ \ q^{4},\ B_3 = 305$
7545: $p_{22}^{4} \Rightarrow n,\ B_1 = 311$
7546: $p_{22}^{6} \Rightarrow 7 \ldots,\ D$
7547: $p_{22}^{10},\ B_2 = 436$
7548: $p_{15}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^{2} \cdot 5^{2} \cdot 11^{12} \cdot 17^{2}$
7549: $p_{15}^{6} \Rightarrow 2674043 \cdot 28622413 \cdot p_{74},\ B_1 = 354$
7550: $p_{15}^{10} \Rightarrow 23 \cdot n,\ B_1 = 384;\ \ q^{12},\ B_2 = 348$
7552: $31012561^{4} \Rightarrow 5 \ldots,\ S\ \ 3^{2} \cdot 5^{2} \cdot 11^{12} \cdot 17^{2}$
7553: $31012561^{6} \Rightarrow 71 \cdot 10371948140593537 \cdot p_{28},\ B_1 = 213$

7554: $p_{28}^2 \Rightarrow 13 \cdot 32089 \cdot 180173340581797 \cdot P_{35},\ B_1 = 321$
7555: $p_{28}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^{12} \cdot 17^2$
7556: $p_{28}^6,\ B_2 = 324$
7557: $31012561^{10} \Rightarrow 7151 \cdot 975701 \cdot 309160746071 \cdot 551178466726889 \cdot P_{39},\ B_1 = 303$
7558: $31012561^{12} \Rightarrow 8243 \cdot 8369947 \cdot c_{80},\ B_1 = 269$
7559: $8369947^2 \Rightarrow 3 \cdot 79 \cdot 6883 \cdot 42945667,\ B_1 = 295$
7560: $42945667^2 \Rightarrow 7 \ldots,\ D$
7561: $42945667^4,\ B_3 = 311$
7562: $8369947^4 \Rightarrow 11 \cdot n,\ B_1 = 309$
7563: $8369947^6 \Rightarrow 29 \cdot n,\ B_1 = 339;\ \ q^{10},\ B_3 = 324$
7565: $31012561^{16} \Rightarrow n,\ B_1 = 318$
7566: $31012561^{18} \Rightarrow 19 \ldots,\ D;\ \ q^{22},\ B_2 = 329$
7568: $p_{19}^2 \Rightarrow 3 \cdot 3196717033 \cdot p_{28},\ B_1 = 121$
7569: $p_{28}^1 \Rightarrow 7 \ldots,\ D$
7570: $p_{28}^2 \Rightarrow 3 \cdot 13 \cdot 298058401 \cdot p_{45},\ B_1 = 212$
7571: $p_{45}^1 \Rightarrow 13 \cdot 17203 \cdot 125336266357 \cdot P_{28},\ B_1 = 298$
7572: $P_{28}^2 \Rightarrow 7 \ldots,\ D$
7573: $P_{28}^4,\ B_3 = 352$
7574: $p_{45}^2 \Rightarrow 7 \ldots,\ D$
7575: $p_{45}^4,\ B_2 = 352$
7576: $p_{28}^4 \Rightarrow n,\ B_1 = 301;\ \ q^6,\ B_2 = 324$
7578: $p_{19}^4 \Rightarrow 5 \cdot 5801 \cdot 1136673971 \cdot 5128397431 \cdot p_{51},\ B_1 = 209$
7579: $p_{51}^1 \Rightarrow 7 \ldots,\ D$
7580: $p_{51}^2 \Rightarrow 3 \cdot 73 \cdot 397 \cdot n,\ B_1 = 362;\ \ q^4,\ B_2 = 406$
7582: $p_{19}^6 \Rightarrow 7 \ldots,\ D;\ \ q^{10},\ B_2 = 370$
7584: $3158528101^4 \Rightarrow 5 \cdot 11^2 \cdot 31 \cdot 4491267603001 \cdot P_{22},\ B_1 = 115$
7585: $P_{22}^2 \Rightarrow 3 \cdot 37 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 11^{12} \cdot 31^2 \cdot 37^2$
7586: $P_{22}^4 \Rightarrow 5 \cdot 31 \cdot 41 \cdot 281 \cdot 13121 \cdot 23831 \cdot p_{70},\ B_1 = 265$
7587: $p_{70}^1 \Rightarrow 23 \cdot 89 \cdot n,\ B_1 = 337;\ \ q^2,\ B_3 = 322$
7589: $P_{22}^6 \Rightarrow n,\ B_1 = 326;\ \ q^{10},\ B_2 = 421$
7591: $3158528101^6 \Rightarrow 7 \ldots,\ D$
7592: $3158528101^{10} \Rightarrow 2003 \cdot 5413 \cdot 1408529 \cdot 255419023619 \cdot$
$871989027590841906920775647 3 \cdot P_{43},\ B_1 = 275$
7593: $P_{43}^2 \Rightarrow n,\ B_1 = 360;\ \ q^4,\ B_3 = 360$
7595: $3158528101^{12} \Rightarrow 13 \cdot 53 \cdot 326266123 \cdot 498936517 \cdot 2761834764989 \cdot P_{82},\ B_1 = 348;\ \ q^{16},\ B_2 = 303$
7597: $11^{16} \Rightarrow p_{17},\ B_1 = 33$
7598: $p_{17}^1 \Rightarrow 23 \cdot 4591 \cdot 239337374873,\ B_1 = 66$
7599: $239337374873^2 \Rightarrow 127 \ldots,\ D$
7600: $239337374873^4 \Rightarrow 11 \cdot 101 \cdot 6421 \cdot 13831 \cdot 782671 \cdot 56468006409121 \cdot P_{15},\ B_1 = 177$
7601: $P_{15}^2 \Rightarrow 3 \cdot 3965456029 \cdot P_{20},\ B_1 = 237$
7602: $P_{20}^2 \Rightarrow 3 \cdot 13 \cdot 31 \cdot 43 \cdot 61 \cdot 12391 \cdot 10782580476463 \cdot P_{16},\ B_1 = 315$
7603: $P_{20}^4 \Rightarrow 41 \cdot n,\ B_1 = 357;\ \ q^6,\ B_3 = 316$
7605: $P_{15}^4 \Rightarrow 5 \cdot 11 \cdot 61 \cdot 71 \cdot 2704144073171 \cdot 1347754415619430509 61 \cdot P_{22},\ B_1 = 324$
7606: $P_{15}^6 \Rightarrow 7 \ldots,\ D$
7607: $P_{15}^{10} \Rightarrow n,\ B_1 = 445;\ \ q^{12},\ B_2 = 357$
7609: $239337374873^6 \Rightarrow 967 \cdot 181688034048369590135686384898 69 \cdot p_{35},\ B_1 = 248$
7610: $p_{35}^2 \Rightarrow n,\ B_1 = 316;\ \ q^4,\ B_3 = 316$
7612: $239337374873^{10} \Rightarrow 23 \cdot p_{113},\ B_1 = 382$
7613: $239337374873^{12} \Rightarrow n,\ B_1 = 316;\ \ q^{16},\ B_2 = 364$
7615: $p_{17}^2 \Rightarrow 3 \cdot 31 \cdot 37 \cdot 3529 \cdot 123127 \cdot 4416852373 \cdot 386855506153,\ B_1 = 105$
7616: $386855506153^1 \Rightarrow 13 \cdot 43 \cdot 18503 \cdot 18701,\ B_1 = 127$
7617: $18701^2 \Rightarrow 7 \ldots,\ D$
7618: $18701^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^{16} \cdot 13^2$
7619: $18701^6 \Rightarrow 127 \ldots,\ D$

$18701^{10} \Rightarrow 11 \cdot 23 \cdot 34607 \cdot p_{36},\ B_1 = 245$

$p_{36}^2 \Rightarrow 7 \ldots,\ D$

$p_{36}^4,\ B_3 = 316$

$18701^{12} \Rightarrow 131 \cdot 313 \cdot 3680249 \cdot 1567167612751729 \cdot P_{25},\ B_1 = 273$

$P_{25}^2 \Rightarrow 3 \cdot 67 \cdot 433 \cdot n,\ B_1 = 326;\ \ q^4,\ B_3 = 322$

$18701^{16} \Rightarrow 17 \cdot 17579 \cdot 337314732842359 \cdot 150764002579788929 \cdot p_{32},\ B_1 = 324$

$18701^{18} \Rightarrow 205063678158695787947 \cdot p_{57},\ B_1 = 350$

$18701^{22} \Rightarrow 47 \cdot n,\ B_1 = 308$

$18701^{28} \Rightarrow 59 \cdot n,\ B_1 = 360$

$18701^{30} \Rightarrow n,\ B_1 = 375;\ \ q^{36},\ B_2 = 307$

$386855506153^2 \Rightarrow 7 \ldots,\ D$

$386855506153^4 \Rightarrow 151 \cdot 55817593679144207791 \cdot p_{25},\ B_1 = 208$

$p_{25}^1 \Rightarrow 3 \cdot 31 \cdot 89 \cdot 1381 \cdot 74771 \cdot 1228091 \cdot 1265863,\ B_1 = 252$

$1265863^2 \Rightarrow 19 \ldots,\ D$

$1265863^4 \Rightarrow 11 \cdot 50156501 \cdot P_{16},\ B_1 = 311$

$1265863^6 \Rightarrow n,\ B_1 = 313;\ \ q^{10},\ B_3 = 301$

$p_{25}^2 \Rightarrow 7 \ldots,\ D$

$p_{25}^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 11^{16} \cdot 31^2 \cdot 37^2$

$p_{25}^6,\ B_3 = 320$

$386855506153^6 \Rightarrow 12377 \cdot 75223 \cdot 2512439261977 \cdot 301490606242076161 \cdot p_{31},\ B_1 = 271$

$p_{31}^1 \Rightarrow 3 \cdot 5 \cdot 11 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^{16} \cdot 31^2$

$p_{31}^2 \Rightarrow 787 \cdot n,\ B_1 = 349;\ \ q^4,\ B_3 = 346$

$386855506153^{10} \Rightarrow 23 \cdot n,\ B_1 = 317$

$386855506153^{12} \Rightarrow 53 \cdot 131 \cdot n,\ B_1 = 366;\ \ q^{16},\ B_2 = 370$

$p_{17}^4 \Rightarrow 377216217980588911220493 1 \cdot P_{43},\ B_1 = 217$

$P_{43}^2 \Rightarrow 13 \cdot n,\ B_1 = 301;\ \ q^4,\ B_2 = 337$

$p_{17}^6 \Rightarrow 43 \cdot 12377 \cdot 5722211438623 \cdot P_{82},\ B_1 = 313;\ \ q^{10},\ B_2 = 334$

$11^{18} \Rightarrow p_{19},\ B_1 = 37$

$p_{19}^1 \Rightarrow 5 \cdot 31 \cdot 70911041 \cdot 278218153,\ B_1 = 74$

$278218153^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^{18} \cdot 31^2$

$278218153^4 \Rightarrow 11 \cdot 31 \cdot 61 \cdot 691 \cdot 23251 \cdot 40841 \cdot 3737791 \cdot 117442848251,\ B_1 = 153$

$117442848251^2 \Rightarrow 79 \cdot 240049 \cdot P_{15},\ B_1 = 198$

$P_{15}^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^{18} \cdot 31^2$

$P_{15}^4 \Rightarrow 71 \cdot 1312211 \cdot 42163943823611 \cdot n,\ B_1 = 308$

$P_{15}^6 \Rightarrow 7 \ldots,\ D;\ \ q^{10},\ B_3 = 317$

$117442848251^4 \Rightarrow 5 \cdot 11 \cdot 41 \cdot 191 \cdot 541 \cdot 850021 \cdot p_{30},\ B_1 = 261$

$p_{30}^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^{18} \cdot 31^2$

$p_{30}^4,\ B_3 = 321$

$117442848251^6 \Rightarrow 7 \ldots,\ D$

$117442848251^{10} \Rightarrow 23 \cdot n,\ B_1 = 354$

$117442848251^{12} \Rightarrow 13 \cdot 53 \cdot n,\ B_1 = 400;\ \ q^{16},\ B_2 = 354$

$278218153^6 \Rightarrow 337 \cdot 2044351 \cdot 160552114223488513 \cdot p_{25},\ B_1 = 209$

$p_{25}^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 11^{18} \cdot 31^2$

$p_{25}^4 \Rightarrow 31 \cdot 131 \cdot n,\ B_1 = 357;\ \ q^6,\ B_3 = 308$

$278218153^{10} \Rightarrow P_{85},\ B_1 = 310$

$278218153^{12} \Rightarrow 35222357 \cdot c_{94},\ B_1 = 267$

$35222357^2 \Rightarrow 7 \ldots,\ D$

$35222357^4 \Rightarrow 11 \cdot 31 \cdot 311 \cdot n,\ B_1 = 313$

$35222357^6 \Rightarrow 673 \cdot n,\ B_1 = 346;\ \ q^{10},\ B_3 = 328$

$278218153^{16} \Rightarrow 137 \cdot n,\ B_1 = 329;\ \ q^{18},\ B_2 = 303$

$p_{19}^2 \Rightarrow 3 \cdot 79 \cdot 17881 \cdot 353461951 \cdot p_{23},\ B_1 = 109$

$p_{23}^1 \Rightarrow 148913 \cdot 60025093 \cdot 1396830683,\ B_1 = 153$

$1396830683^2 \Rightarrow 19 \ldots,\ D$

$1396830683^4 \Rightarrow 39126569995951 \cdot P_{23},\ B_1 = 244$

$P_{23}^2 \Rightarrow 19\ldots,\ D$

$P_{23}^4 \Rightarrow 5\cdot 11\cdot 41^2\ldots,\ S\ \ 3^2\cdot 5^2\cdot 11^{18}\cdot 41^2$

$P_{23}^6,\ B_3 = 336$

$1396830683^6 \Rightarrow 43\cdot 1093\cdot 29886193\cdot P_{43},\ B_1 = 299$

$P_{43}^2 \Rightarrow 3\cdot n,\ B_1 = 384;\ \ q^4,\ B_3 = 385$

$1396830683^{10} \Rightarrow n,\ B_1 = 317$

$1396830683^{12} \Rightarrow 13\cdot 131\cdot n,\ B_1 = 357$

$1396830683^{16} \Rightarrow 307\cdot n,\ B_1 = 430;\ \ q^{18},\ B_2 = 329$

$p_{23}^2 \Rightarrow 7\ldots,\ D$

$p_{23}^4 \Rightarrow 131\cdot 7425447 19990061\cdot P_{73},\ B_1 = 340$

$p_{23}^6 \Rightarrow n,\ B_1 = 351;\ \ q^{10},\ B_2 = 447$

$p_{19}^4 \Rightarrow 101\cdot 6221\cdot 13421\cdot 20305631\cdot 12727731540736518511\cdot p_{39},\ B_1 = 205$

$p_{39}^1 \Rightarrow 3\cdot 17\cdot P_{37},\ B_1 = 282$

$P_{37}^2 \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_3 = 355$

$p_{39}^2 \Rightarrow n,\ B_1 = 317;\ \ q^4,\ B_3 = 317$

$p_{19}^6 \Rightarrow 7\ldots,\ D;\ \ q^{10},\ B_2 = 375$

$11^{22} \Rightarrow 829\cdot 28878847\cdot P_{13},\ B_1 = 65$

$P_{13}^2 \Rightarrow 3\cdot 73\cdot 283\cdot 487\cdot 811\cdot 1692283\cdot 337708039,\ B_1 = 116$

$337708039^2 \Rightarrow 7\ldots,\ D$

$337708039^4 \Rightarrow 11\cdot 41\cdot 971\cdot 9551\cdot 1037358851\cdot p_{16},\ B_1 = 186$

$p_{16}^1 \Rightarrow 43\cdot 277\cdot 673\cdot 186981517,\ B_1 = 217$

$186981517^2 \Rightarrow 7\ldots,\ D$

$186981517^4 \Rightarrow 128941\cdot p_{28},\ B_1 = 299$

$p_{28}^2 \Rightarrow n,\ B_1 = 355;\ \ q^4,\ B_3 = 355$

$186981517^6 \Rightarrow 43\cdot p_{48},\ B_1 = 346$

$186981517^{10} \Rightarrow 23\cdot 463\cdot n,\ B_1 = 370$

$186981517^{12} \Rightarrow n,\ B_1 = 399;\ \ q^{16},\ B_3 = 332$

$p_{16}^2 \Rightarrow 3\cdot 463\cdot 4813\cdot 40583593\cdot P_{17},\ B_1 = 255$

$P_{17}^2 \Rightarrow 7\ldots,\ D$

$P_{17}^4 \Rightarrow 11\cdot n,\ B_1 = 353;\ \ q^6,\ B_3 = 321$

$p_{16}^4 \Rightarrow 5\cdot 181\ldots,\ S\ \ 3^2\cdot 5\cdot 11^{22}\cdot 41^2\cdot 73^2\cdot 181^2\cdot 283^2\cdot 487^2$

$p_{16}^6 \Rightarrow 7\ldots,\ D;\ \ q^{10},\ B_3 = 323$

$337708039^6 \Rightarrow 29\cdot 16852109\cdot p_{43},\ B_1 = 213$

$p_{43}^1 \Rightarrow 20333\cdot p_{38},\ B_1 = 297$

$p_{38}^2 \Rightarrow n,\ B_1 = 373;\ \ q^4,\ B_3 = 373$

$p_{43}^2 \Rightarrow 3\cdot 13\cdot 43\cdot 103\cdot 367\cdot n,\ B_1 = 340;\ \ q^4,\ B_2 = 339$

$337708039^{10} \Rightarrow 3433\cdot 41911\cdot 45320257907\cdot 27732345211152979\cdot P_{51},\ B_1 = 354$

$337708039^{12} \Rightarrow 53\cdot n,\ B_1 = 305$

$337708039^{16} \Rightarrow n,\ B_1 = 372;\ \ q^{18},\ B_2 = 307$

$P_{13}^4 \Rightarrow 5\cdot 283541\cdot 51360941\cdot 83871721\cdot 66933648671\cdot P_{18},\ B_1 = 186$

$P_{18}^2 \Rightarrow 32083\cdot 17993349570499\cdot p_{18},\ B_1 = 247$

$p_{18}^1 \Rightarrow 7\ldots,\ D$

$p_{18}^2 \Rightarrow 3\cdot 1993\cdot 315242227\cdot P_{23},\ B_1 = 327$

$p_{18}^4 \Rightarrow n,\ B_1 = 362;\ \ q^6,\ B_3 = 327$

$P_{18}^4 \Rightarrow 5\cdot 11^2\cdot 6841\cdot 75831193371663204842 1022005811\cdot P_{35},\ B_1 = 357$

$P_{18}^6 \Rightarrow 127\ldots,\ D;\ \ q^{10},\ B_2 = 353$

$P_{13}^6 \Rightarrow 7\ldots,\ D$

$P_{13}^{10} \Rightarrow 23060129782318927\cdot n,\ B_1 = 308;\ \ q^{12},\ B_2 = 301$

$11^{28} \Rightarrow 523\cdot P_{27},\ B_1 = 87$

$P_{27}^2 \Rightarrow 3\cdot 571\cdot 1879\cdot 115327\cdot 4100539\cdot 22718419879\cdot p_{25},\ B_1 = 169$

$p_{25}^1 \Rightarrow 7\ldots,\ D$

$p_{25}^2 \Rightarrow 3\cdot 853\cdot 1531\cdot P_{43},\ B_1 = 287$

$P_{43}^2 \Rightarrow 3\cdot n,\ B_1 = 372;\ \ q^4,\ B_3 = 371$

$p_{25}^4 \Rightarrow 11\cdot 521\cdot n,\ B_1 = 338$

7757: $p_{25}^6 \Rightarrow 239 \cdot n,\ B_1 = 440;\ \ q^{10},\ B_2 = 488$
7759: $P_{27}^4 \Rightarrow 1811 \cdot 104921293459359445905 11 \cdot c_{81},\ B_1 = 271$
7760: $P_{23}^2 \Rightarrow 73 \cdot n,\ B_1 = 315;\ \ q^4,\ B_3 = 315$
7762: $P_{27}^6,\ B_2 = 317$
7763: $11^{30} \Rightarrow 50159 \cdot 2428541 \cdot P_{21},\ B_1 = 87$
7764: $P_{21}^2 \Rightarrow 3 \cdot 31692668389435343263 \cdot p_{21},\ B_1 = 154$
7765: $p_{21}^1 \Rightarrow 19 \ldots,\ D$
7766: $p_{21}^2 \Rightarrow 7 \ldots,\ D$
7767: $p_{21}^4 \Rightarrow 2800114105441 \cdot 3525019053401030948338 7921 \cdot p_{44},\ B_1 = 335$
7768: $p_{21}^6 \Rightarrow 281 \cdot n,\ B_1 = 374;\ \ q^{10},\ B_2 = 408$
7770: $P_{21}^4 \Rightarrow 691 \cdot 424891 \cdot p_{73},\ B_1 = 223$
7771: $p_{73}^1 \Rightarrow 3 \cdot 344173 \cdot n,\ B_1 = 301$
7772: $p_{73}^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_2 = 578$
7774: $P_{21}^6 \Rightarrow 444893 \cdot 45658008299 \cdot n,\ B_1 = 305;\ \ q^{10},\ B_2 = 403$
7776: $11^{36} \Rightarrow 2591 \cdot 36855109 \cdot 136151713 \cdot P_{19},\ B_1 = 104$
7777: $P_{19}^2 \Rightarrow 331 \cdot 1129 \cdot 16363 \cdot 53611 \cdot 172153 \cdot P_{18},\ B_1 = 178$
7778: $P_{18}^2 \Rightarrow 19 \ldots,\ D$
7779: $P_{18}^4 \Rightarrow 1301 \cdot 1581191 \cdot 10067741 \cdot 1697132256145890055 61 \cdot P_{32},\ B_1 = 336$
7780: $P_{18}^6 \Rightarrow 29 \cdot 337 \cdot n,\ B_1 = 352;\ \ q^{10},\ B_2 = 341$
7782: $P_{19}^4 \Rightarrow 5 \cdot 211 \cdot 11131 \cdot 130531 \cdot P_{62},\ B_1 = 288$
7783: $P_{62}^2 \Rightarrow n,\ B_1 = 411;\ \ q^4,\ B_2 = 491$
7785: $P_{19}^6 \Rightarrow 43 \cdot 5267459 \cdot 94846240721 \cdot p_{92},\ B_1 = 316;\ \ q^{10},\ B_2 = 368$
7787: $11^{40} \Rightarrow 83 \cdot 1231 \cdot 27061 \cdot 509221 \cdot 14092193 \cdot 29866451 \cdot 840139875599,\ B_1 = 117$
7788: $840139875599^2 \Rightarrow 43 \cdot 163 \cdot 181 \cdot 26683 \cdot P_{14},\ B_1 = 165$
7789: $P_{14}^2 \Rightarrow 3 \cdot P_{27},\ B_1 = 218$
7790: $P_{27}^2 \Rightarrow 19 \ldots,\ D$
7791: $P_{27}^4 \Rightarrow 5 \cdot 151 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 11^{40} \cdot 43^2 \cdot 83^2 \cdot 151^2 \cdot 163^2$
7792: $P_{27}^6,\ B_3 = 323$
7793: $P_{14}^4 \Rightarrow 58391 \cdot P_{49},\ B_1 = 298$
7794: $P_{49}^2 \Rightarrow 7 \ldots,\ D$
7795: $P_{49}^4,\ B_3 = 395$
7796: $P_{14}^6 \Rightarrow 46012163 \cdot n,\ B_1 = 306$
7797: $P_{14}^{10} \Rightarrow n,\ B_1 = 405;\ \ q^{12},\ B_2 = 319$
7799: $840139875599^4 \Rightarrow 71 \cdot 491 \cdot 426331 \cdot 33728111 \cdot 48268513901 \cdot p_{20},\ B_1 = 224$
7800: $p_{20}^1 \Rightarrow 433 \cdot P_{17},\ B_1 = 263$
7801: $P_{17}^2 \Rightarrow 3 \cdot 13 \cdot 222127 \cdot p_{26},\ B_1 = 328$
7802: $P_{17}^4 \Rightarrow 11 \cdot n,\ B_1 = 360;\ \ q^6,\ B_3 = 328$
7804: $p_{20}^2 \Rightarrow 3 \cdot 439 \cdot P_{36},\ B_1 = 310$
7805: $p_{20}^4 \Rightarrow 5 \cdot n,\ B_1 = 350;\ \ q^6,\ B_3 = 310$
7807: $840139875599^6 \Rightarrow 127 \ldots,\ D$
7808: $840139875599^{10} \Rightarrow n,\ B_1 = 332$
7809: $840139875599^{12} \Rightarrow 313 \cdot n,\ B_1 = 382;\ \ q^{16},\ B_2 = 381$
7811: $11^{42} \Rightarrow 1416258521793067 \cdot P_{29},\ B_1 = 131$
7812: $P_{29}^2 \Rightarrow 3 \cdot 414889 \cdot 23487497587 \cdot p_{41},\ B_1 = 205$
7813: $p_{41}^1 \Rightarrow 7 \ldots,\ D$
7814: $p_{41}^2 \Rightarrow 127 \ldots,\ D;\ \ q^4,\ B_2 = 326$
7816: $P_{29}^4 \Rightarrow 151 \cdot n,\ B_1 = 305;\ \ q^6,\ B_2 = 343$
7818: $11^{46} \Rightarrow 2069 \cdot 22666879066355177 \cdot p_{29},\ B_1 = 115$
7819: $p_{29}^1 \Rightarrow 5 \cdot 41 \cdot p_{26},\ B_1 = 171$
7820: $p_{26}^2 \Rightarrow 7 \ldots,\ D$
7821: $p_{26}^4 \Rightarrow 71 \cdot 241 \cdot n,\ B_1 = 329;\ \ q^6,\ B_2 = 307$
7823: $p_{29}^2 \Rightarrow 3 \cdot 13 \cdot 56397413528107 \cdot 29523230452707819 91 \cdot p_{23},\ B_1 = 234$
7824: $p_{23}^1 \Rightarrow 4721 \cdot 1368374113 \cdot 4215522893,\ B_1 = 279$
7825: $4215522893^2 \Rightarrow 163 \cdot 181 \cdot n,\ B_1 = 302$

7826: $4215522893^4 \Rightarrow n,\ B_1 = 336;\ \ q^6,\ B_3 = 317$

7828: $p_{23}^2 \Rightarrow 3 \cdot 283 \cdot P_{43},\ B_1 = 330$

7829: $p_{23}^4 \Rightarrow 11 \cdot 281 \cdot n,\ B_1 = 378;\ \ q^6,\ B_3 = 331$

7831: $p_{29}^4 \Rightarrow 11 \cdot 1021 \cdot 4363627871 \cdot n,\ B_1 = 308;\ \ q^6,\ B_2 = 339$

7833: $11^{52} \Rightarrow 107 \cdot 351497 \cdot 6005113 \cdot P_{40},\ B_1 = 155$

7834: $P_{40}^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_2 = 318$

7836: $11^{58} \Rightarrow 1181 \cdot 70845409351 \cdot P_{47},\ B_1 = 178$

7837: $P_{47}^2 \Rightarrow 19 \ldots,\ D;\ \ q^4,\ B_2 = 372$

7839: $11^{60} \Rightarrow 440177 \cdot 520518327319589 \cdot p_{43},\ B_1 = 145$

7840: $p_{43}^1 \Rightarrow 31 \cdot 2357 \cdot 8023843741 \cdot p_{28},\ B_1 = 229$

7841: $p_{28}^2 \Rightarrow 7 \ldots,\ D$

7842: $p_{28}^4 \Rightarrow n,\ B_1 = 391;\ \ q^6,\ B_3 = 337$

7844: $p_{43}^2 \Rightarrow 3 \cdot 1447 \cdot 1020646088677639 \cdot 1101183494562850042153 93 \cdot p_{43},\ B_1 = 313;\ \ q^4,\ B_2 = 337$

7846: $11^{66} \Rightarrow 15277 \cdot 2160349 \cdot 76394148218203559 \cdot P_{42},\ B_1 = 199$

7847: $P_{42}^2 \Rightarrow 1241054015527 \cdot 20614593780492530388847845358 99 \cdot p_{41},\ B_1 = 331;\ \ q^4,\ B_2 = 330$

7849: $11^{70} \Rightarrow 1847 \cdot 64327 \cdot 159248456569 \cdot 1273880539247 \cdot P_{42},\ B_1 = 207$

7850: $P_{42}^2 \Rightarrow 3 \cdot 691 \cdot c_{80},\ B_1 = 294$

7851: $691^2 \Rightarrow 19 \ldots,\ D$

7852: $691^4 \Rightarrow 5 \cdot 11 \cdot 61 \cdot n,\ B_1 = 312;\ \ q^6,\ B_3 = 305$

7854: $P_{42}^4,\ B_2 = 332$

7855: $11^{72} \Rightarrow p_{76},\ B_1 = 150$

7856: $p_{76}^1 \Rightarrow 57863354852140802927160148150579 9 \cdot P_{42},\ B_1 = 299$

7857: $P_{42}^2 \Rightarrow 3 \cdot 13 \cdot 859 \cdot n,\ B_1 = 387;\ \ q^4,\ B_3 = 383$

7859: $p_{76}^2,\ B_2 = 300$

7860: $11^{78} \Rightarrow 317 \cdot 185277551100523662054683911 \cdot P_{53},\ B_1 = 241$

7861: $P_{53}^2 \Rightarrow n,\ B_1 = 346;\ \ q^4,\ B_2 = 420$

7863: $11^{82} \Rightarrow 167 \cdot 12119 \cdot 178057577 \cdot 52447614013 \cdot p_{61},\ B_1 = 196$

7864: $p_{61}^1 \Rightarrow 7 \ldots,\ D$

7865: $p_{61}^2 \Rightarrow n,\ B_1 = 365;\ \ q^4,\ B_2 = 481$

7867: $11^{88} \Rightarrow 73111721 \cdot 2103114787086589 \cdot 418023501741837 6525776333 \cdot p_{44},\ B_1 = 231$

7868: $p_{44}^1 \Rightarrow 13 \cdot 1902450961 \cdot p_{34},\ B_1 = 318$

7869: $p_{44}^2 \Rightarrow 3 \cdot n,\ B_1 = 338;\ \ q^4,\ B_2 = 351$

7871: $11^{96} \Rightarrow 389 \cdot 4247091263 \cdot P_{88},\ B_1 = 297$

7872: $P_{88}^2,\ B_2 = 351$

7873: $11^{100} \Rightarrow 341459085477993311443 \cdot 864083392962089148076326727 76254957729 \cdot P_{46},\ B_1 = 274$

7874: $P_{46}^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_3 = 365$

7876: $11^{102} \Rightarrow 24103 \cdot 37723802531 \cdot 9953012061626591550 91 \cdot P_{71},\ B_1 = 318$

7877: $11^{106} \Rightarrow 1276033068038437 \cdot$
$304971297664201988898688683700564748747693245597 \cdot p_{48},\ B_1 = 283$

7878: $p_{48}^1 \Rightarrow 47 \cdot 113 \cdot 347 \cdot 433 \cdot n,\ B_1 = 339$

7879: $p_{48}^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_2 = 382$

7881: $11^{108} \Rightarrow 35970728459102446279558069 \cdot p_{87},\ B_1 = 250$

7882: $p_{87}^1 \Rightarrow n,\ B_1 = 337;\ \ q^2,\ B_2 = 347$

7884: $11^{112} \Rightarrow 227 \cdot 45902861 \cdot 20884152591287817709 \cdot$
$22455907106840364577416382241618449 \cdot P_{53},\ B_1 = 315$

7885: $11^{126} \Rightarrow 2985212831443 \cdot 6073732108394141 \cdot 10834561842699990 4901 \cdot P_{83},\ B_1 = 373$

7886: $11^{130} \Rightarrow 263 \cdot c_{134},\ B_1 = 273$

7887: $263^2 \Rightarrow 7 \ldots,\ D$

7888: $263^4 \Rightarrow 4802611441,\ B_1 = 287$

7889: $4802611441^1 \Rightarrow 379 \cdot 6335899,\ B_1 = 306$

7890: $4802611441^2 \Rightarrow 3 \cdot 103 \cdot 151 \cdot 223 \cdot n,\ B_1 = 323;\ \ q^4,\ B_3 = 316$

7892: $263^6 \Rightarrow 239 \cdot 7211 \cdot 192750517,\ B_1 = 303$

7893: $263^{10} \Rightarrow 67 \cdot n,\ B_1 = 318$

7894: $263^{12} \Rightarrow 677 \cdot n,\ B_1 = 326;\ \ q^{16},\ B_3 = 307$

7896: $11^{136} \Rightarrow 8221 \cdot 339761 \cdot 3677081 \cdot 136238281 \cdot 3947114762439121542442617 83 \cdot P_{91},\ B_1 = 416$
7897: $11^{138} \Rightarrow p_{144},\ B_1 = 287$
7898: $p_{144}^1 \Rightarrow 5^2 \cdot 31 \cdot 179 \cdot n,\ B_1 = 434;\ q^2,\ B_2 = 575$
7900: $11^{148},\ B_2 = 308$

$31^2 \Rightarrow 3 \cdot 331,\ B_1 = 8$

$331^2 \Rightarrow 7 \ldots,\ D$

$331^4 \Rightarrow 5 \cdot 37861 \cdot 63601,\ B_1 = 29$

$63601^1 \Rightarrow 7 \ldots,\ D$

$63601^2 \Rightarrow 3 \cdot 2203 \cdot 612067,\ B_1 = 47$

$612067^2 \Rightarrow 3 \cdot 4801 \cdot 26010319,\ B_1 = 71$

$26010319^2 \Rightarrow 3 \cdot 43 \cdot 9949 \cdot 527135461,\ B_1 = 95$

$527135461^1 \Rightarrow 7 \ldots,\ D$

$527135461^2 \Rightarrow 3 \cdot 41233 \cdot p_{13},\ B_1 = 126$

$p_{13}^1 \Rightarrow 521 \cdot 10391 \cdot 207469,\ B_1 = 150$

$207469^2 \Rightarrow 3 \cdot 37 \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 31^2 \cdot 37^2 \cdot 43^2$

$207469^4 \Rightarrow 11 \ldots,\ D$

$207469^6 \Rightarrow P_{32},\ B_1 = 235$

$P_{32}^2 \Rightarrow 3 \cdot 383941 \cdot n,\ B_1 = 304$

$P_{32}^4 \Rightarrow 5 \cdot 941 \cdot n,\ B_1 = 429;\ \ q^6,\ B_2 = 382$

$207469^{10} \Rightarrow 23 \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 23^2 \cdot 31^2$

$207469^{12} \Rightarrow 136397 \cdot 392549 \cdot 1162191861700663 \cdot P_{39},\ B_1 = 331$

$207469^{16} \Rightarrow 17 \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 17^2 \cdot 31^2$

$207469^{18} \Rightarrow n,\ B_1 = 331$

$207469^{22} \Rightarrow 277 \cdot n,\ B_1 = 376$

$207469^{28} \Rightarrow 59 \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 31^2 \cdot 43^2 \cdot 59^2$

$207469^{30},\ B_2 = 319$

$p_{13}^2 \Rightarrow 7 \ldots,\ D$

$p_{13}^4 \Rightarrow 1099652461 \cdot 17488527246415981121 \cdot p_{22},\ B_1 = 241$

$p_{22}^1 \Rightarrow 41 \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 31^2 \cdot 41^2 \cdot 43^2$

$p_{22}^2 \Rightarrow 7 \ldots,\ D$

$p_{22}^4 \Rightarrow 11 \ldots,\ D$

$p_{22}^6,\ B_3 = 327$

$p_{13}^6 \Rightarrow 211 \cdot 6007 \cdot 12535769 \cdot 94030112653 \cdot P_{50},\ B_1 = 325$

$p_{13}^{10} \Rightarrow 23 \cdot n,\ B_1 = 358$

$p_{13}^{12} \Rightarrow n,\ B_1 = 406;\ \ q^{16},\ B_2 = 395$

$527135461^4 \Rightarrow 5 \cdot 491 \cdot 2537551 \cdot 3563501 \cdot p_{19},\ B_1 = 171$

$p_{19}^1 \Rightarrow 19 \ldots,\ D$

$p_{19}^2 \Rightarrow 3 \cdot 13 \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 13$

$p_{19}^4 \Rightarrow 5 \cdot 2341 \cdot 10724857833784143659532978 1 \cdot p_{45},\ B_1 = 331$

$p_{19}^6 \Rightarrow n,\ B_1 = 368;\ \ q^{10},\ B_2 = 370$

$527135461^6 \Rightarrow 29 \cdot 4817 \cdot P_{48},\ B_1 = 239$

$P_{48}^2 \Rightarrow 3 \cdot n,\ B_1 = 334;\ \ q^4,\ B_2 = 377$

$527135461^{10} \Rightarrow 23 \cdot 1123 \cdot 1638913 \cdot 228541646056333735511 \cdot p_{57},\ B_1 = 292$

$p_{57}^1 \Rightarrow 3 \cdot 29 \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 23^2 \cdot 29^2$

$p_{57}^2,\ B_3 = 342$

$527135461^{12} \Rightarrow 131 \cdot 1265993 \cdot P_{97},\ B_1 = 394$

$527135461^{16} \Rightarrow n,\ B_1 = 361;\ \ q^{18},\ B_2 = 313$

$26010319^4 \Rightarrow 11 \ldots,\ D$

$26010319^6 \Rightarrow 29 \cdot 71 \cdot P_{42},\ B_1 = 189$

$P_{42}^2 \Rightarrow 3 \cdot 541 \cdot c_{80},\ B_1 = 274$

$541^1 \Rightarrow \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 29^2 \cdot 31^2 \cdot 71^2$

$541^2 \Rightarrow 7 \ldots,\ D$

$541^4 \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 29 \cdot 31^2 \cdot 71^2$

$541^6 \Rightarrow n,\ B_1 = 301$

$541^{10} \Rightarrow 23 \ldots,\ S\ \ 3^4 \cdot 5 \cdot 23^2 \cdot 29^2 \cdot 31^2$

$541^{12},\ B_3 = 301$

$P_{42}^4,\ B_2 = 329$

$26010319^{10} \Rightarrow 1871 \cdot 77243 \cdot 5744143772185044 61 \cdot 3597689311494399 1321 \cdot p_{29},\ B_1 = 254$

$p_{29}^1 \Rightarrow 3\cdot 569\cdot 2045557047223\cdot p_{13},\ B_1 = 310$

$p_{29}^2 \Rightarrow 13\ldots,\ S\ \ 3^4\cdot 5\cdot 13^2\cdot 31^2$

$p_{29}^4,\ B_3 = 321$

$26010319^{12} \Rightarrow 252409\cdot 508313597484825979444 1\cdot p_{62},\ B_1 = 265$

$p_{62}^1 \Rightarrow 11\ldots,\ D$

$p_{62}^2,\ B_3 = 305$

$26010319^{16} \Rightarrow 613\cdot c_{116},\ B_1 = 296$

$613^1 \Rightarrow 307,\ B_1 = 303$

$613^2 \Rightarrow 7\ldots,\ D$

$613^4,\ B_3 = 301$

$26010319^{18} \Rightarrow n,\ B_1 = 323;\ \ q^{22},\ B_2 = 326$

$612067^4 \Rightarrow 11\ldots,\ D$

$612067^6 \Rightarrow 7\ldots,\ D$

$612067^{10} \Rightarrow 67\cdot 397\cdot 1453\cdot 69442146841\cdot 439603198057\cdot P_{28},\ B_1 = 202$

$P_{28}^2 \Rightarrow 19\ldots,\ D$

$P_{28}^4 \Rightarrow n,\ B_1 = 369;\ \ q^6,\ B_2 = 333$

$612067^{12} \Rightarrow 13\cdot 401297819245016618043922143043\cdot P_{39},\ B_1 = 244$

$P_{39}^2 \Rightarrow 3\ldots,\ S\ \ 3^4\cdot 5\cdot 13^2\cdot 31^2$

$P_{39}^4,\ B_3 = 322$

$612067^{16} \Rightarrow 137\cdot 307\cdot 97090110545500444840931928511\cdot p_{59},\ B_1 = 259$

$p_{59}^1 \Rightarrow 5\cdot 269\cdot 379\cdot n,\ B_1 = 322;\ \ q^2,\ B_3 = 314$

$612067^{18} \Rightarrow 19\ldots,\ D$

$612067^{22} \Rightarrow c_{128},\ B_{25} = 318\ see\ text;\ \ q^{28},\ B_2 = 324$

$63601^4 \Rightarrow 5\cdot 41\cdot 271\cdot 1381\cdot 4231\cdot 50408381,\ B_1 = 73$

$50408381^1 \Rightarrow 3\cdot 8401397,\ B_1 = 86$

$8401397^2 \Rightarrow 7\ldots,\ D$

$8401397^4 \Rightarrow 11\ldots,\ D$

$8401397^6 \Rightarrow 281\cdot 77659267884072001\cdot P_{23},\ B_1 = 197$

$P_{23}^2 \Rightarrow 1993\cdot 4340449\cdot p_{35},\ B_1 = 286$

$p_{35}^2 \Rightarrow 7\ldots,\ D$

$p_{35}^4,\ B_3 = 355$

$P_{23}^4 \Rightarrow 11\ldots,\ D$

$P_{23}^6 \Rightarrow 7\ldots,\ D$

$P_{23}^{10},\ B_2 = 444$

$8401397^{10} \Rightarrow 23\cdot 89\ldots,\ S\ \ 3^2\cdot 5^2\cdot 23^2\cdot 31^2\cdot 41^2\cdot 89^2$

$8401397^{12} \Rightarrow 53\cdot 2081\cdot 4092479\cdot 6419358349\cdot$
$29490291876553769\cdot 3223010146740220643\cdot p_{27},\ B_1 = 322$

$8401397^{16} \Rightarrow 5297786297\cdot n,\ B_1 = 304$

$8401397^{18} \Rightarrow n,\ B_1 = 322;\ \ q^{22},\ B_2 = 304$

$50408381^2 \Rightarrow 7\ldots,\ D$

$50408381^4 \Rightarrow 5\cdot 241\cdot p_{28},\ B_1 = 130$

$p_{28}^1 \Rightarrow 11\ldots,\ D$

$p_{28}^2 \Rightarrow 7681\cdot 42403\cdot 47419\cdot 2031301\cdot 4754014261\cdot P_{27},\ B_1 = 259$

$P_{27}^2 \Rightarrow 3\cdot 463\cdot n,\ B_1 = 313;\ \ q^4,\ B_3 = 311$

$p_{28}^4 \Rightarrow 5\cdot n,\ B_1 = 315;\ \ q^6,\ B_2 = 332$

$50408381^6 \Rightarrow 105585173\cdot P_{39},\ B_1 = 196$

$P_{39}^2 \Rightarrow 275503\cdot P_{71},\ B_1 = 348;\ \ q^4,\ B_2 = 305$

$50408381^{10} \Rightarrow 11\ldots,\ D$

$50408381^{12} \Rightarrow 53\cdot 313\cdot 5279\cdot 45661019\cdot 10460439263\cdot$
$13517349613\cdot 57861096521250025603 87\cdot p_{35},\ B_1 = 307$

$50408381^{16} \Rightarrow n,\ B_1 = 307$

$50408381^{18} \Rightarrow 229\cdot n,\ B_1 = 340;\ \ q^{22},\ B_2 = 338$

$63601^6 \Rightarrow 43\cdot p_{28},\ B_1 = 83$

$p_{28}^1 \Rightarrow 11\ldots,\ D$

$p_{28}^2 \Rightarrow 3 \cdot 67 \cdot 1117 \cdot P_{50},\ B_1 = 214$

$P_{50}^2 \Rightarrow 7 \ldots,\ D$

$P_{50}^4,\ B_2 = 392$

$p_{28}^4 \Rightarrow 3271 \cdot 14821 \cdot 226741 \cdot 1670022551 \cdot$
$1263451775113692721 \cdot p_{69},\ B_1 = 314;\ \ q^6,\ B_2 = 326$

$63601^{10} \Rightarrow 23 \cdot 2927 \cdot P_{44},\ B_1 = 164$

$P_{44}^2 \Rightarrow 7 \ldots,\ D$

$P_{44}^4,\ B_2 = 345$

$63601^{12} \Rightarrow 157 \cdot 191621 \cdot 30963286783037373883 \cdot P_{31},\ B_1 = 192$

$P_{31}^2 \Rightarrow 14779551379 \cdot 294664405832696563394 11 \cdot p_{29},\ B_1 = 291$

$p_{29}^1 \Rightarrow 7 \ldots,\ D$

$p_{29}^2,\ B_3 = 314$

$P_{31}^4 \Rightarrow n,\ B_1 = 376;\ \ q^6,\ B_2 = 368$

$63601^{16} \Rightarrow 22547423395231716 8639 \cdot P_{57},\ B_1 = 250$

$P_{57}^2 \Rightarrow 7 \ldots,\ D$

$P_{57}^4,\ B_2 = 452$

$63601^{18} \Rightarrow 10243208361791721120368579 \cdot 38359252755243986198164 0241 \cdot p_{35},\ B_1 = 249$

$p_{35}^1 \Rightarrow 13 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 31^2$

$p_{35}^2 \Rightarrow 3 \cdot n,\ B_1 = 326;\ \ q^4,\ B_3 = 327$

$63601^{22} \Rightarrow P_{106},\ B_1 = 337$

$63601^{28} \Rightarrow 28952731 \cdot 486391133 \cdot 2889765031 \cdot n,\ B_1 = 310$

$63601^{30} \Rightarrow n,\ B_1 = 308;\ \ q^{36},\ B_2 = 345$

$331^6 \Rightarrow 2180921 \cdot 604842197,\ B_1 = 40$

$604842197^1 \Rightarrow 3 \cdot 1373 \cdot 73421,\ B_1 = 56$

$73421^2 \Rightarrow 823 \cdot 6550081,\ B_1 = 75$

$6550081^2 \Rightarrow 3 \cdot 409 \cdot 34966232809,\ B_1 = 103$

$34966232809^2 \Rightarrow 19 \ldots,\ D$

$34966232809^4 \Rightarrow 461 \cdot 1091 \cdot 162641 \cdot P_{32},\ B_1 = 208$

$P_{32}^2 \Rightarrow 7 \ldots,\ D$

$P_{32}^4 \Rightarrow 5 \cdot 41 \cdot n,\ B_1 = 398;\ \ q^6,\ B_2 = 375$

$34966232809^6 \Rightarrow 29 \cdot 15619909006335974206 31 \cdot p_{41},\ B_1 = 271$

$p_{41}^2 \Rightarrow 3 \cdot 13 \cdot n,\ B_1 = 353;\ \ q^4,\ B_3 = 353$

$34966232809^{10} \Rightarrow 23 \cdot 199 \cdot 947 \cdot 66173053 \cdot n,\ B_1 = 307$

$34966232809^{12} \Rightarrow 13 \cdot 53 \cdot n,\ B_1 = 338;\ \ q^{16},\ B_2 = 337$

$6550081^4 \Rightarrow 5 \cdot 701 \cdot p_{24},\ B_1 = 144$

$p_{24}^2 \Rightarrow 1231 \cdot 4051 \cdot 12821654851 \cdot 33427770298891 \cdot P_{18},\ B_1 = 239$

$P_{18}^2 \Rightarrow 3 \cdot P_{34},\ B_1 = 307$

$P_{18}^4 \Rightarrow n,\ B_1 = 341;\ \ q^6,\ B_3 = 307$

$p_{24}^4 \Rightarrow 5 \cdot 2521 \cdot 3708333701093711 \cdot P_{76},\ B_1 = 379$

$p_{24}^6 \Rightarrow 71 \cdot n,\ B_1 = 383;\ \ q^{10},\ B_2 = 474$

$6550081^6 \Rightarrow 29 \cdot 3221 \cdot P_{36},\ B_1 = 185$

$P_{36}^2 \Rightarrow 3 \cdot 43891 \cdot 47869 \cdot 95698363433127 4725583151017 \cdot p_{36},\ B_1 = 328$

$P_{36}^4 \Rightarrow 31 \cdot n,\ B_1 = 399;\ \ q^6,\ B_2 = 431$

$6550081^{10} \Rightarrow 23 \cdot 16787 \cdot 54539 \cdot 81041912597 48789040621677 \cdot p_{33},\ B_1 = 266$

$p_{33}^2 \Rightarrow 13 \cdot n,\ B_1 = 333;\ \ q^4,\ B_3 = 332$

$6550081^{12} \Rightarrow p_{82},\ B_1 = 307$

$6550081^{16} \Rightarrow 20809 \cdot 80819 \cdot 466651 \cdot 1134207769 \cdot 24896653783 \cdot P_{75},\ B_1 = 389$

$6550081^{18} \Rightarrow n,\ B_1 = 307$

$6550081^{22} \Rightarrow n,\ B_1 = 362;\ \ q^{28},\ B_2 = 381$

$73421^4 \Rightarrow 5 \cdot 101 \cdot 131 \cdot 2935811 \cdot 149622301,\ B_1 = 105$

$149622301^2 \Rightarrow 3 \cdot p_{16},\ B_1 = 137$

$p_{16}^2 \Rightarrow 7 \ldots,\ D$

$p_{16}^4 \Rightarrow 5 \cdot 539141 \cdot 10505951 \cdot 493330295577 2001331 \cdot p_{32},\ B_1 = 295$

$p_{32}^2 \Rightarrow 3 \cdot 31 \cdot n,\ B_1 = 355;\ \ q^4,\ B_3 = 357$

$p_{16}^6 \Rightarrow 143362217783 \cdot n,\ B_1 = 307;\ \ q^{10},\ B_2 = 317$

$149622301^4 \Rightarrow 11 \ldots,\ D$

$149622301^6 \Rightarrow 29 \cdot 101347 \cdot 61689865994893043363 \cdot P_{23},\ B_1 = 235$

$P_{23}^2 \Rightarrow 3 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 29^2 \cdot 31^2 \cdot 101^2$

$P_{23}^4 \Rightarrow 61 \cdot 71 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 29^2 \cdot 31^2 \cdot 61^2 \cdot 71^2 \cdot 101^2 \cdot 131^2$

$P_{23}^6,\ B_3 = 327$

$149622301^{10} \Rightarrow 419 \cdot 617 \cdot 202973 \cdot 573871 \cdot 5629097 \cdot P_{59},\ B_1 = 334$

$149622301^{12} \Rightarrow 53 \cdot 45330939551 \cdot P_{86},\ B_1 = 383$

$149622301^{16} \Rightarrow 103 \cdot 443 \cdot 647 \cdot n,\ B_1 = 357$

$149622301^{18} \Rightarrow n,\ B_1 = 383;\ \ q^{22},\ B_2 = 359$

$73421^6 \Rightarrow 1339297 \cdot P_{24},\ B_1 = 134$

$P_{24}^2 \Rightarrow 3 \cdot 67 \cdot 53514928183 \cdot P_{34},\ B_1 = 226$

$P_{34}^2 \Rightarrow 19 \ldots,\ D$

$P_{34}^4 \Rightarrow 11 \ldots,\ D$

$P_{34}^6,\ B_2 = 397$

$P_{24}^4 \Rightarrow 5 \cdot 271 \cdot 1031 \cdot c_{87},\ B_1 = 278$

$1031^2 \Rightarrow 7 \ldots,\ D$

$1031^4 \Rightarrow 5 \cdot 31 \cdot 7296664931,\ B_1 = 304$

$1031^6 \Rightarrow 29^2 \cdot 71 \cdot n,\ B_1 = 310;\ \ q^{10},\ B_3 = 303$

$P_{24}^6 \Rightarrow 7 \ldots,\ D;\ \ q^{10},\ B_2 = 461$

$73421^{10} \Rightarrow 331 \cdot 14238121414897796660 87 \cdot P_{25},\ B_1 = 187$

$P_{25}^2 \Rightarrow 7 \ldots,\ D$

$P_{25}^4 \Rightarrow n,\ B_1 = 337$

$P_{25}^6 \Rightarrow 379 \cdot n,\ B_1 = 440;\ \ q^{10},\ B_2 = 499$

$73421^{12} \Rightarrow 53 \cdot 1847 \cdot 4967 \cdot 773206717141 \cdot 348243701878307 \cdot P_{24},\ B_1 = 221$

$P_{24}^2 \Rightarrow 7 \ldots,\ D$

$P_{24}^4 \Rightarrow 251 \cdot n,\ B_1 = 363;\ \ q^6,\ B_3 = 315$

$73421^{16} \Rightarrow 702407 \cdot 6799049 \cdot 348866274471845903 \cdot p_{48},\ B_1 = 280$

$p_{48}^2 \Rightarrow 31 \cdot 73 \cdot 643 \cdot n,\ B_1 = 378;\ \ q^4,\ B_2 = 381$

$73421^{18} \Rightarrow 215689 \cdot 168746183 \cdot 3953736308602632409995 47 \cdot P_{51},\ B_1 = 309$

$73421^{22} \Rightarrow 47 \cdot 277 \cdot 3037 \cdot 329729 \cdot 414686922877 \cdot c_{83},\ B_1 = 285$

$414686922877^2 \Rightarrow 3 \cdot 31 \cdot n,\ B_1 = 307;\ \ q^4,\ B_3 = 308$

$73421^{28} \Rightarrow 59 \cdot n,\ B_1 = 321$

$73421^{30} \Rightarrow n,\ B_1 = 338;\ \ q^{36},\ B_2 = 350$

$604842197^2 \Rightarrow P_{18},\ B_1 = 78$

$P_{18}^2 \Rightarrow 19 \ldots,\ D$

$P_{18}^4 \Rightarrow 41 \cdot 3301960751 \cdot 3249071658631 \cdot 48032559288281 \cdot 503310484468801 \cdot p_{19},\ B_1 = 241$

$p_{19}^1 \Rightarrow p_{18},\ B_1 = 277$

$p_{18}^2 \Rightarrow 3 \cdot 13 \cdot n,\ B_1 = 314;\ \ q^4,\ B_3 = 313$

$p_{19}^2 \Rightarrow 7 \ldots,\ D$

$p_{19}^4 \Rightarrow 5 \cdot 191 \cdot 331 \cdot n,\ B_1 = 355;\ \ q^6,\ B_3 = 318$

$P_{18}^6 \Rightarrow 1115899247 \cdot 553946037594753392227 39 \cdot c_{74},\ B_1 = 285$

$P_{23}^2 \Rightarrow 19 \ldots,\ D;\ \ q^4,\ B_3 = 330$

$P_{18}^{10},\ B_2 = 351$

$604842197^4 \Rightarrow 11 \ldots,\ D$

$604842197^6 \Rightarrow 7 \ldots,\ D$

$604842197^{10} \Rightarrow 331 \cdot 67148192519 \cdot 687849540621409 \cdot 4412322155860741 \cdot 11939377797642593981 \cdot P_{25},\ B_1 = 271$

$P_{25}^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_3 = 320$

$604842197^{12} \Rightarrow 53 \cdot 313 \cdot 11597 \cdot 187529107128255 11 \cdot c_{81},\ B_1 = 260$

$P_{17}^2 \Rightarrow 61 \cdot 181 \cdot 547 \cdot n,\ B_1 = 300$

$P_{17}^4 \Rightarrow 5 \cdot 281 \cdot n,\ B_1 = 361;\ \ q^6,\ B_3 = 325$

$604842197^{16} \Rightarrow n,\ B_1 = 306;\ \ q^{18},\ B_2 = 316$

$331^{10} \Rightarrow 11 \ldots,\ D$

8155: $331^{12} \Rightarrow 53 \cdot 37181 \cdot 10999171 \cdot P_{17},\ B_1 = 90$
8156: $P_{17}^{2} \Rightarrow 7 \ldots,\ D$
8157: $P_{17}^{4} \Rightarrow 11 \ldots,\ D$
8158: $P_{17}^{6} \Rightarrow 17414083 \cdot 54237737 \cdot P_{87},\ B_1 = 357;\ q^{10},\ B_2 = 338$
8160: $331^{16} \Rightarrow 307 \cdot 7580566663 \cdot 136219001651 \cdot P_{17},\ B_1 = 124$
8161: $P_{17}^{2} \Rightarrow 3 \cdot 13 \cdot 238702081 \cdot P_{24},\ B_1 = 182$
8162: $P_{24}^{2} \Rightarrow 3 \cdot 62434548604903 \cdot p_{34},\ B_1 = 252$
8163: $p_{34}^{1} \Rightarrow 2417 \cdot 17813680786663 \cdot p_{17},\ B_1 = 318$
8164: $p_{34}^{2} \Rightarrow 3 \cdot n,\ B_1 = 343;\ q^{4},\ B_3 = 343$
8166: $P_{24}^{4} \Rightarrow 71 \cdot n,\ B_1 = 326$
8167: $P_{24}^{6} \Rightarrow n,\ B_1 = 419;\ q^{10},\ B_2 = 473$
8169: $P_{17}^{4} \Rightarrow 11 \ldots,\ D$
8170: $P_{17}^{6} \Rightarrow 7 \ldots,\ D;\ q^{10},\ B_2 = 336$
8172: $331^{18} \Rightarrow 282349518620419 \cdot P_{31},\ B_1 = 140$
8173: $P_{31}^{2} \Rightarrow 3 \cdot 13 \cdot 70423 \cdot 4941983213374466808 31 \cdot P_{35},\ B_1 = 261$
8174: $P_{35}^{2} \Rightarrow 7 \ldots,\ D;\ q^{4},\ B_3 = 330$
8176: $P_{31}^{4} \Rightarrow 5 \cdot 131 \cdot n,\ B_1 = 327;\ q^{6},\ B_2 = 370$
8178: $331^{22} \Rightarrow 47 \cdot 7499 \cdot 1177877 \cdot 15592774385477 \cdot p_{31},\ B_1 = 139$
8179: $p_{31}^{1} \Rightarrow 3^2 \cdot 5^2 \cdot 17 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 17^2 \cdot 31^2$
8180: $p_{31}^{2} \Rightarrow 7 \ldots,\ D$
8181: $p_{31}^{4} \Rightarrow 11 \ldots,\ D;\ q^{6},\ B_2 = 367$
8183: $331^{28} \Rightarrow 59 \cdot 1102677708120139544 2849 \cdot P_{47},\ B_1 = 193$
8184: $P_{47}^{2} \Rightarrow 7 \ldots,\ D;\ q^{4},\ B_2 = 373$
8186: $331^{30} \Rightarrow 311 \cdot 1117 \cdot 4902713 \cdot 29458195409 \cdot 2236471251785237 \cdot P_{38},\ B_1 = 215$
8187: $P_{38}^{2} \Rightarrow 19 \ldots,\ D;\ q^{4},\ B_2 = 300$
8189: $331^{36} \Rightarrow 149 \cdot 9536381 \cdot 2993306428029561 17 \cdot 8493994839939752559920519971 \cdot P_{37},\ B_1 = 258$
8190: $P_{37}^{2} \Rightarrow 79 \cdot n,\ B_1 = 332;\ q^{4},\ B_3 = 330$
8192: $331^{40} \Rightarrow 1559 \cdot 298399 \cdot p_{93},\ B_1 = 214$
8193: $p_{93}^{1} \Rightarrow 53 \cdot n,\ B_1 = 307;\ q^{2},\ B_2 = 368$
8195: $331^{42} \Rightarrow 173 \cdot 3527 \cdot c_{101},\ B_1 = 219$
8196: $3527^{2} \Rightarrow 97 \cdot 163 \cdot 787,\ B_1 = 233$
8197: $787^{2} \Rightarrow 3 \cdot 37^2 \cdot 151,\ B_1 = 240$
8198: $151^{2} \Rightarrow 7 \ldots,\ D$
8199: $151^{4} \Rightarrow 5 \cdot 104670301,\ B_1 = 256$
8200: $104670301^{1} \Rightarrow 11 \ldots,\ D$
8201: $104670301^{2} \Rightarrow 3 \cdot 1549 \cdot p_{13},\ B_1 = 284$
8202: $p_{13}^{1} \Rightarrow 5^2 \ldots,\ S\ \ 3^4 \cdot 5^4 \cdot 31^2 \cdot 37^2 \cdot 97^2$
8203: $p_{13}^{2} \Rightarrow 7 \ldots,\ D$
8204: $p_{13}^{4},\ B_3 = 318$
8205: $104670301^{4} \Rightarrow 5 \cdot n,\ B_1 = 310$
8206: $104670301^{6} \Rightarrow 7 \ldots,\ D$
8207: $104670301^{10},\ B_3 = 326$
8208: $151^{6} \Rightarrow 1499 \cdot 7960598843,\ B_1 = 275$
8209: $7960598843^{2} \Rightarrow p_{20},\ B_1 = 297$
8210: $p_{20}^{1} \Rightarrow 113 \cdot n,\ B_1 = 319;\ q^{2},\ B_3 = 315$
8212: $7960598843^{4} \Rightarrow 31 \cdot 41 \cdot n,\ B_1 = 335;\ q^{6},\ B_3 = 315$
8214: $151^{10} \Rightarrow 23 \cdot 14864609 \cdot P_{14},\ B_1 = 296$
8215: $P_{14}^{2} \Rightarrow 19 \ldots,\ D;\ q^{4},\ B_3 = 323$
8217: $151^{12} \Rightarrow p_{27},\ B_1 = 291$
8218: $p_{27}^{1} \Rightarrow n,\ B_1 = 316;\ q^{2},\ B_3 = 314$
8220: $151^{16} \Rightarrow n,\ B_1 = 306$
8221: $151^{18} \Rightarrow n,\ B_1 = 314$
8222: $151^{22} \Rightarrow 599 \cdot n,\ B_1 = 335$
8223: $151^{28} \Rightarrow n,\ B_1 = 358;\ q^{30},\ B_3 = 301$

8225: $787^{4} \Rightarrow 570821 \cdot 672901,\ B_1 = 258$
8226: $672901^{1} \Rightarrow 157 \cdot 2143,\ B_1 = 269$
8227: $2143^{2} \Rightarrow 3 \cdot 43 \cdot 35617,\ B_1 = 282$
8228: $35617^{2} \Rightarrow 19\ldots,\ D$
8229: $35617^{4} \Rightarrow n,\ B_1 = 309;\ \ q^{6},\ B_3 = 300$
8231: $2143^{4} \Rightarrow 11\ldots,\ D$
8232: $2143^{6} \Rightarrow 7\ldots,\ D$
8233: $2143^{10} \Rightarrow 23 \cdot n,\ B_1 = 331;\ \ q^{12},\ B_3 = 303$
8235: $672901^{2} \Rightarrow 3 \cdot 1381 \cdot 109291921,\ B_1 = 278$
8236: $109291921^{1} \Rightarrow 5507 \cdot 9923,\ B_1 = 294$
8237: $9923^{2} \Rightarrow 7\ldots,\ D;\ \ q^{4},\ B_3 = 302$
8239: $109291921^{2} \Rightarrow 19\ldots,\ D$
8240: $109291921^{4} \Rightarrow 5 \cdot n,\ B_1 = 330;\ \ q^{6},\ B_3 = 313$
8242: $672901^{4} \Rightarrow 11\ldots,\ D$
8243: $672901^{6} \Rightarrow n,\ B_1 = 317;\ \ q^{10},\ B_3 = 305$
8245: $787^{6} \Rightarrow 113 \cdot p_{16},\ B_1 = 266$
8246: $p_{16}^{1} \Rightarrow 19\ldots,\ D$
8247: $p_{16}^{2} \Rightarrow 13 \cdot n,\ B_1 = 311;\ \ q^{4},\ B_3 = 310$
8249: $787^{10} \Rightarrow p_{29},\ B_1 = 287$
8250: $p_{29}^{1} \Rightarrow 3 \cdot 31 \cdot n,\ B_1 = 314;\ \ q^{2},\ B_3 = 314$
8252: $787^{12} \Rightarrow 115571 \cdot 2088139 \cdot 1281388837 \cdot p_{15},\ B_1 = 319$
8253: $787^{16} \Rightarrow 103 \cdot n,\ B_1 = 322$
8254: $787^{18} \Rightarrow n,\ B_1 = 331$
8255: $787^{22} \Rightarrow n,\ B_1 = 354;\ \ q^{28},\ B_3 = 308$
8257: $3527^{4} \Rightarrow p_{15},\ B_1 = 242$
8258: $p_{15}^{1} \Rightarrow p_{14},\ B_1 = 270$
8259: $p_{14}^{2} \Rightarrow 3 \cdot 37 \cdot 13591 \cdot 59809 \cdot P_{17},\ B_1 = 325$
8260: $p_{14}^{4} \Rightarrow 11\ldots,\ D$
8261: $p_{14}^{6},\ B_3 = 326$
8262: $p_{15}^{2} \Rightarrow 19\ldots,\ D$
8263: $p_{15}^{4} \Rightarrow 5 \cdot n,\ B_1 = 340;\ \ q^{6},\ B_3 = 311$
8265: $3527^{6} \Rightarrow 71 \cdot 197 \cdot 463 \cdot p_{15},\ B_1 = 263$
8266: $p_{15}^{1} \Rightarrow 78781 \cdot 1887117139,\ B_1 = 292$
8267: $1887117139^{2} \Rightarrow 3 \cdot 463 \cdot 547 \cdot n,\ B_1 = 310;\ \ q^{4},\ B_3 = 310$
8269: $p_{15}^{2} \Rightarrow 3 \cdot n,\ B_1 = 304;\ \ q^{4},\ B_3 = 304$
8271: $3527^{10} \Rightarrow 23 \cdot P_{35},\ B_1 = 318$
8272: $3527^{12} \Rightarrow 397606909891598681 \cdot p_{25},\ B_1 = 317$
8273: $3527^{16} \Rightarrow n,\ B_1 = 325$
8274: $3527^{18} \Rightarrow n,\ B_1 = 339$
8275: $3527^{22} \Rightarrow 47 \cdot 139 \cdot 277 \cdot n,\ B_1 = 374;\ \ q^{28},\ B_3 = 311$
8277: $331^{46} \Rightarrow 350809 \cdot 485417 \cdot c_{105},\ B_1 = 241$
8278: $485417^{1} \Rightarrow 3 \cdot 17 \cdot 4759,\ B_1 = 251$
8279: $4759^{2} \Rightarrow 3 \cdot 7550947,\ B_1 = 265$
8280: $7550947^{2} \Rightarrow 3 \cdot 1021 \cdot 109279 \cdot 170341,\ B_1 = 292$
8281: $170341^{2} \Rightarrow 3 \cdot n,\ B_1 = 303;\ \ q^{4},\ B_3 = 302$
8283: $7550947^{4} \Rightarrow 41 \cdot n,\ B_1 = 308$
8284: $7550947^{6} \Rightarrow 911 \cdot n,\ B_1 = 337;\ \ q^{10},\ B_3 = 320$
8286: $4759^{4} \Rightarrow 31 \cdot 43451 \cdot 380883901,\ B_1 = 284$
8287: $380883901^{2} \Rightarrow 3 \cdot 43 \cdot n,\ B_1 = 304;\ \ q^{4},\ B_3 = 302$
8289: $4759^{6} \Rightarrow 218107 \cdot P_{17},\ B_1 = 309$
8290: $4759^{10} \Rightarrow n,\ B_1 = 317$
8291: $4759^{12} \Rightarrow 13 \cdot 53 \cdot n,\ B_1 = 334;\ \ q^{16},\ B_3 = 302$
8293: $485417^{2} \Rightarrow 7\ldots,\ D$
8294: $485417^{4} \Rightarrow 11\ldots,\ D$

8295: $485417^{6} \Rightarrow P_{35},\ B_1 = 332$
8296: $485417^{10} \Rightarrow 23 \cdot n,\ B_1 = 345$
8297: $485417^{12} \Rightarrow 131 \cdot 157 \cdot n,\ B_1 = 370;\ \ q^{16},\ B_3 = 321$
8299: $331^{52} \Rightarrow 107 \cdot 1061 \cdot 4090279654037 \cdot 284201748863509286498357 \cdot P_{90},\ B_1 = 373$
8300: $331^{58} \Rightarrow 93811 \cdot n,\ B_1 = 301;\ \ q^{60},\ B_2 = 302$
8302: $31^{4} \Rightarrow 11 \ldots,\ D$
8303: $31^{6} \Rightarrow 917087137,\ B_1 = 17$
8304: $917087137^{1} \Rightarrow 11 \ldots,\ D$
8305: $917087137^{2} \Rightarrow 3 \cdot 43 \cdot 4447 \cdot 38047 \cdot 38533987,\ B_1 = 62$
8306: $38533987^{2} \Rightarrow 19 \ldots,\ D$
8307: $38533987^{4} \Rightarrow 93151 \cdot 347071 \cdot p_{20},\ B_1 = 118$
8308: $p_{20}^{1} \Rightarrow 3^{2} \cdot 379 \cdot 3903337 \cdot 2561074343,\ B_1 = 156$
8309: $2561074343^{2} \Rightarrow 7 \ldots,\ D$
8310: $2561074343^{4} \Rightarrow 11 \ldots,\ D$
8311: $2561074343^{6} \Rightarrow 521557 \cdot 1067207 \cdot 1652701 \cdot 226000391 \cdot p_{31},\ B_1 = 307$
8312: $2561074343^{10} \Rightarrow 23 \cdot 199 \cdot n,\ B_1 = 329$
8313: $2561074343^{12} \Rightarrow n,\ B_1 = 363;\ \ q^{16},\ B_2 = 301$
8315: $p_{20}^{2} \Rightarrow 13 \cdot 5701 \cdot 4355977 \cdot 41472199 \cdot 190353643 \cdot P_{13},\ B_1 = 211$
8316: $P_{13}^{2} \Rightarrow 3 \cdot 13 \cdot 43 \cdot 199 \cdot 148669 \cdot P_{14},\ B_1 = 253$
8317: $P_{14}^{2} \Rightarrow 3 \cdot 37445442403 \cdot p_{17},\ B_1 = 299$
8318: $p_{17}^{1} \Rightarrow 197 \cdot n,\ B_1 = 317;\ \ q^{2},\ B_3 = 309$
8320: $P_{14}^{4} \Rightarrow 241 \cdot n,\ B_1 = 339;\ \ q^{6},\ B_3 = 309$
8322: $P_{13}^{4} \Rightarrow 11 \ldots,\ D$
8323: $P_{13}^{6} \Rightarrow 911 \cdot n,\ B_1 = 336;\ \ q^{10},\ B_3 = 309$
8325: $p_{20}^{4} \Rightarrow 11 \ldots,\ D$
8326: $p_{20}^{6} \Rightarrow 29 \cdot n,\ B_1 = 336;\ \ q^{10},\ B_2 = 396$
8328: $38533987^{6} \Rightarrow 11243 \cdot 2402107 \cdot 412544161 \cdot p_{27},\ B_1 = 157$
8329: $p_{27}^{1} \Rightarrow 3 \cdot 35027 \cdot P_{22},\ B_1 = 209$
8330: $P_{22}^{2} \Rightarrow 7 \ldots,\ D$
8331: $P_{22}^{4} \Rightarrow 11 \ldots,\ D$
8332: $P_{22}^{6} \Rightarrow n,\ B_1 = 420;\ \ q^{10},\ B_2 = 422$
8334: $p_{27}^{2} \Rightarrow 19 \ldots,\ D$
8335: $p_{27}^{4} \Rightarrow 11 \ldots,\ D;\ \ q^{6},\ B_2 = 317$
8337: $38533987^{10} \Rightarrow 67 \cdot 947 \cdot 12739 \cdot P_{67},\ B_1 = 275$
8338: $P_{67}^{2} \Rightarrow 7 \ldots,\ D;\ \ q^{4},\ B_2 = 535$
8340: $38533987^{12} \Rightarrow 2393 \cdot 4447 \cdot 184245101 \cdot 122623259055112272936280093 \cdot P_{49},\ B_1 = 286$
8341: $P_{49}^{2} \Rightarrow 151 \cdot 229 \cdot n,\ B_1 = 388;\ \ q^{4},\ B_2 = 389$
8343: $38533987^{16} \Rightarrow 36653 \cdot 383991216939229 \cdot 4271774935738111 \cdot P_{87},\ B_1 = 397$
8344: $38533987^{18} \Rightarrow n,\ B_1 = 320;\ \ q^{22},\ B_2 = 333$
8346: $917087137^{4} \Rightarrow 31747594185191 \cdot P_{23},\ B_1 = 116$
8347: $P_{23}^{2} \Rightarrow 19 \ldots,\ D$
8348: $P_{23}^{4} \Rightarrow 11 \ldots,\ D$
8349: $P_{23}^{6} \Rightarrow 281 \cdot n,\ B_1 = 339;\ \ q^{10},\ B_2 = 446$
8351: $917087137^{6} \Rightarrow 7 \ldots,\ D$
8352: $917087137^{10} \Rightarrow 23 \cdot 24421 \cdot 242441 \cdot 2245867825609 \cdot p_{67},\ B_1 = 211$
8353: $p_{67}^{1} \Rightarrow 3 \cdot 37 \cdot 271 \cdot 311 \cdot 823 \cdot 2459 \cdot 1454689 \cdot P_{47},\ B_1 = 343$
8354: $p_{67}^{2} \Rightarrow n,\ B_1 = 397;\ \ q^{4},\ B_2 = 529$
8356: $917087137^{12} \Rightarrow 53 \cdot 89909 \cdot 293208239111321 \cdot$
$366156952524767 \cdot 964941648826718327518 01 \cdot P_{49},\ B_1 = 308$
8357: $917087137^{16} \Rightarrow 23189 \cdot 509797 \cdot p_{134},\ B_1 = 305;\ \ q^{18},\ B_2 = 322$
8359: $31^{10} \Rightarrow 23 \cdot 397 \cdot 617 \cdot 150332843,\ B_1 = 41$
8360: $150332843^{2} \Rightarrow 211 \cdot 840241 \cdot 127473943,\ B_1 = 71$
8361: $127473943^{2} \Rightarrow 7 \ldots,\ D$
8362: $127473943^{4} \Rightarrow 11 \ldots,\ D$

8363: $127473943^{6} \Rightarrow 21728981 \cdot 74739449 \cdot 2453505827074075 3 \cdot p_{18},\ B_1 = 190$
8364: $p_{18}^{1} \Rightarrow 5^2 \cdot 6833 \cdot 315188780447,\ B_1 = 222$
8365: $315188780447^{2} \Rightarrow 127\ldots,\ D$
8366: $315188780447^{4} \Rightarrow p_{46},\ B_1 = 337$
8367: $315188780447^{6} \Rightarrow n,\ B_1 = 337;\ \ q^{10},\ B_3 = 314$
8369: $p_{18}^{2} \Rightarrow 127\ldots,\ D$
8370: $p_{18}^{4} \Rightarrow 751 \cdot 5171 \cdot 94261 \cdot 2368181 \cdot 2580901 \cdot n,\ B_1 = 317$
8371: $p_{18}^{6} \Rightarrow 7\ldots,\ D;\ \ q^{10},\ B_2 = 340$
8373: $127473943^{10} \Rightarrow 23 \cdot 859 \cdot 3527261 \cdot 29627968917227539 \cdot 401196690776534753 \cdot P_{37},\ B_1 = 284$
8374: $P_{37}^{2} \Rightarrow 7\ldots,\ D;\ \ q^{4},\ B_3 = 356$
8376: $127473943^{12} \Rightarrow 46229 \cdot 36640579 \cdot 15635923856983 \cdot 28939774759155471979 \cdot P_{53},\ B_1 = 347$
8377: $127473943^{16} \Rightarrow n,\ B_1 = 314$
8378: $127473943^{18} \Rightarrow n,\ B_1 = 347;\ \ q^{22},\ B_2 = 356$
8380: $150332843^{4} \Rightarrow 6158702739701 \cdot p_{20},\ B_1 = 106$
8381: $p_{20}^{1} \Rightarrow 11\ldots,\ D$
8382: $p_{20}^{2} \Rightarrow 7\ldots,\ D$
8383: $p_{20}^{4} \Rightarrow 5 \cdot 811 \cdot 123160993421626000234075497792271 \cdot p_{44},\ B_1 = 281$
8384: $p_{44}^{1} \Rightarrow 3 \cdot 13\ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 23^2$
8385: $p_{44}^{2},\ B_3 = 312$
8386: $p_{20}^{6} \Rightarrow n,\ B_1 = 312;\ \ q^{10},\ B_2 = 398$
8388: $150332843^{6} \Rightarrow 113 \cdot 4945369090710721 \cdot p_{32},\ B_1 = 144$
8389: $p_{32}^{1} \Rightarrow 3 \cdot 47 \cdot 79 \cdot 2599783 \cdot P_{21},\ B_1 = 206$
8390: $P_{21}^{2} \Rightarrow 109 \cdot 4243 \cdot P_{36},\ B_1 = 288$
8391: $P_{36}^{2} \Rightarrow 3 \cdot 157 \cdot 271 \cdot n,\ B_1 = 363;\ \ q^{4},\ B_3 = 359$
8393: $P_{21}^{4} \Rightarrow 31 \cdot n,\ B_1 = 328$
8394: $P_{21}^{6} \Rightarrow 7\ldots,\ D;\ \ q^{10},\ B_2 = 411$
8396: $p_{32}^{2} \Rightarrow 13 \cdot 704187602497 \cdot 373341649254157 \cdot P_{36},\ B_1 = 285$
8397: $P_{36}^{2} \Rightarrow 3 \cdot 61 \cdot n,\ B_1 = 357;\ \ q^{4},\ B_3 = 355$
8399: $p_{32}^{4} \Rightarrow 11\ldots,\ D;\ \ q^{6},\ B_2 = 375$
8401: $150332843^{10} \Rightarrow 11\ldots,\ D$
8402: $150332843^{12} \Rightarrow 14199470611 \cdot 95616900270919 \cdot p_{74},\ B_1 = 248$
8403: $p_{74}^{1} \Rightarrow 5 \cdot n,\ B_1 = 323;\ \ q^{2},\ B_3 = 319$
8405: $150332843^{16} \Rightarrow 5441 \cdot 1767858307001511283743 43 \cdot n,\ B_1 = 313$
8406: $150332843^{18} \Rightarrow n,\ B_1 = 319;\ \ q^{22},\ B_2 = 359$
8408: $31^{12} \Rightarrow 42407 \cdot 2426789 \cdot 7908811,\ B_1 = 47$
8409: $7908811^{2} \Rightarrow 3 \cdot 43 \cdot 73 \cdot 349 \cdot 571 \cdot 33331,\ B_1 = 74$
8410: $33331^{2} \Rightarrow 7\ldots,\ D$
8411: $33331^{4} \Rightarrow 5 \cdot 4451 \cdot 87541 \cdot 633530171,\ B_1 = 120$
8412: $633530171^{2} \Rightarrow p_{18},\ B_1 = 144$
8413: $p_{18}^{1} \Rightarrow 179 \cdot 16451 \cdot 68148966883,\ B_1 = 178$
8414: $68148966883^{2} \Rightarrow 7\ldots,\ D$
8415: $68148966883^{4} \Rightarrow 1051 \cdot 742782701 \cdot 4445691344041 \cdot P_{19},\ B_1 = 287$
8416: $P_{19}^{2} \Rightarrow 3 \cdot 31 \cdot n,\ B_1 = 322;\ \ q^{4},\ B_3 = 324$
8418: $68148966883^{6} \Rightarrow 43 \cdot 211 \cdot 2423 \cdot 16619 \cdot 127379939 \cdot n,\ B_1 = 303$
8419: $68148966883^{10} \Rightarrow 23\ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 23^2 \cdot 31^{12} \cdot 43^2 \cdot 73^2$
8420: $68148966883^{12} \Rightarrow 53 \cdot n,\ B_1 = 418;\ \ q^{16},\ B_2 = 346$
8422: $p_{18}^{2} \Rightarrow 3 \cdot 13\ldots,\ S\ \ 3^2 \cdot 5 \cdot 13^2 \cdot 31^{12} \cdot 43^2 \cdot 73^2$
8423: $p_{18}^{4} \Rightarrow 191 \cdot 68263104131 \cdot 4543438366504904558763 1 \cdot P_{35},\ B_1 = 331$
8424: $p_{18}^{6} \Rightarrow 197 \cdot n,\ B_1 = 333;\ \ q^{10},\ B_2 = 352$
8426: $633530171^{4} \Rightarrow 5 \cdot 31^2 \cdot 41 \cdot 181 \cdot 43863971 \cdot P_{21},\ B_1 = 200$
8427: $P_{21}^{2} \Rightarrow 13 \cdot 37\ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13 \cdot 31^{12} \cdot 37^2$
8428: $P_{21}^{4} \Rightarrow 11\ldots,\ D$
8429: $P_{21}^{6} \Rightarrow 7\ldots,\ D$
8430: $P_{21}^{10},\ B_2 = 400$

$633530171^{6} \Rightarrow 7\ldots,\ D$

$633530171^{10} \Rightarrow 199\cdot 661\cdot 582011\cdot 644029\cdot p_{72},\ B_1 = 301$

$633530171^{12} \Rightarrow 13\cdot 53\ldots,\ S\ \ 3^2\cdot 5\cdot 13^2\cdot 31^{12}\cdot 43^2\cdot 53^2$

$633530171^{16} \Rightarrow n,\ B_1 = 384;\ \ q^{18},\ B_2 = 316$

$33331^{6} \Rightarrow 71\cdot 113\cdot 39887\cdot 473971\cdot P_{13},\ B_1 = 147$

$P_{13}^{2} \Rightarrow 130957\cdot p_{21},\ B_1 = 184$

$p_{21}^{1} \Rightarrow 26007763\cdot p_{14},\ B_1 = 225$

$p_{14}^{2} \Rightarrow 3\cdot 1865089858393\cdot p_{14},\ B_1 = 277$

$p_{14}^{2} \Rightarrow 7\ldots,\ D$

$p_{14}^{4},\ B_3 = 303$

$p_{14}^{4} \Rightarrow n,\ B_1 = 304$

$p_{14}^{6} \Rightarrow n,\ B_1 = 356;\ \ q^{10},\ B_3 = 330$

$p_{21}^{2} \Rightarrow 3\cdot 2057571615091\cdot P_{29},\ B_1 = 281$

$P_{29}^{2} \Rightarrow 3\cdot 13\cdot 37\cdot 787\cdot n,\ B_1 = 344;\ \ q^{4},\ B_3 = 338$

$p_{21}^{4} \Rightarrow 5\cdot 911\cdot n,\ B_1 = 327$

$p_{21}^{6} \Rightarrow n,\ B_1 = 407;\ \ q^{10},\ B_2 = 415$

$P_{13}^{4} \Rightarrow 71\cdot 211\cdot 47791\cdot 4935011\cdot 95654805901\cdot p_{26},\ B_1 = 254$

$p_{26}^{1} \Rightarrow P_{25},\ B_1 = 304$

$p_{26}^{2} \Rightarrow 3\cdot n,\ B_1 = 318;\ \ q^{4},\ B_3 = 319$

$P_{13}^{6} \Rightarrow 7\ldots,\ D$

$P_{13}^{10} \Rightarrow 23\cdot 331\cdot n,\ B_1 = 384;\ \ q^{12},\ B_2 = 310$

$33331^{10} \Rightarrow 11\ldots,\ D$

$33331^{12} \Rightarrow 53\cdot 1223\cdot 9439\cdot 82031\cdot 737666719687\cdot p_{29},\ B_1 = 206$

$p_{29}^{1} \Rightarrow 11\ldots,\ D$

$p_{29}^{2} \Rightarrow 69931\cdot 1460194026972695858948319369\cdot p_{27},\ B_1 = 323$

$p_{29}^{4} \Rightarrow n,\ B_1 = 400;\ \ q^{6},\ B_2 = 344$

$33331^{16} \Rightarrow 1511102010181\cdot 1450240863227251090 21\cdot p_{41},\ B_1 = 249$

$p_{41}^{1} \Rightarrow 3\cdot 79\cdot 179\cdot 947\cdot 41011\cdot P_{28},\ B_1 = 327$

$p_{41}^{2} \Rightarrow n,\ B_1 = 349;\ \ q^{4},\ B_3 = 349$

$33331^{18} \Rightarrow 164091596353\cdot 2452319687903\cdot 160607876857813575275 63\cdot p_{36},\ B_1 = 280$

$p_{36}^{1} \Rightarrow n,\ B_1 = 316;\ \ q^{2},\ B_3 = 305$

$33331^{22} \Rightarrow 47\cdot 4877\cdot 8971\cdot 1283539\cdot 63258604853\cdot 443955536399\cdot 4237485452437\cdot n,\ B_1 = 309$

$33331^{28} \Rightarrow n,\ B_1 = 319$

$33331^{30} \Rightarrow n,\ B_1 = 337;\ \ q^{36},\ B_2 = 325$

$7908811^{4} \Rightarrow 11\ldots,\ D$

$7908811^{6} \Rightarrow 7\ldots,\ D$

$7908811^{10} \Rightarrow 23\cdot 67\cdot 89\cdot 1277\cdot 42441037\cdot 1391902787045431\cdot P_{38},\ B_1 = 239$

$P_{38}^{2} \Rightarrow 3\cdot n,\ B_1 = 315;\ \ q^{4},\ B_3 = 315$

$7908811^{12} \Rightarrow 13\cdot 157\cdot 189853\cdot 193483057\cdot p_{66},\ B_1 = 222$

$p_{66}^{1} \Rightarrow 7\ldots,\ D$

$p_{66}^{2} \Rightarrow 3\cdot 139\cdot 337\cdot n,\ B_1 = 416;\ \ q^{4},\ B_2 = 527$

$7908811^{16} \Rightarrow 3061\cdot 42467\cdot 13615624769647198336 27\cdot p_{82},\ B_1 = 289$

$p_{82}^{1} \Rightarrow 11\ldots,\ D;\ \ q^{2},\ B_3 = 364$

$7908811^{18} \Rightarrow 6052328566772771893 9\cdot n,\ B_1 = 301;\ \ q^{22},\ B_2 = 303$

$31^{16} \Rightarrow p_{24},\ B_1 = 47$

$p_{24}^{1} \Rightarrow 11\ldots,\ D$

$p_{24}^{2} \Rightarrow 19\ldots,\ D$

$p_{24}^{4} \Rightarrow 251\cdot 1871\cdot 26561\cdot 66431\cdot P_{81},\ B_1 = 305$

$p_{24}^{6} \Rightarrow 29\cdot 113\cdot n,\ B_1 = 311;\ \ q^{10},\ B_2 = 477$

$31^{18} \Rightarrow 571\cdot 14251\cdot p_{20},\ B_1 = 60$

$p_{20}^{1} \Rightarrow 11\ldots,\ D$

$p_{20}^{2} \Rightarrow 3\cdot 9285003751\cdot P_{30},\ B_1 = 160$

$P_{30}^{2} \Rightarrow 7\ldots,\ D$

$P_{30}^{4} \Rightarrow 11\ldots,\ D;\ \ q^{6},\ B_2 = 353$

8501: $p_{20}^4 \Rightarrow 41 \cdot 1801 \cdot p_{75},\ B_1 = 205$
8502: $p_{75}^1 \Rightarrow 47 \cdot 137 \cdot 72701 \cdot 74761 \cdot p_{62},\ B_1 = 354$
8503: $p_{75}^2 \Rightarrow 3 \cdot n,\ B_1 = 427;\ \ q^4,\ B_2 = 599$
8505: $p_{20}^6 \Rightarrow 31333 \cdot 357755539 \cdot 2955098959 \cdot P_{98},\ B_1 = 395;\ \ q^{10},\ B_2 = 398$
8507: $31^{22} \Rightarrow 1509997 \cdot 61562537 \cdot p_{19},\ B_1 = 79$
8508: $p_{19}^1 \Rightarrow 73 \cdot 167 \cdot 988007 \cdot 297903607,\ B_1 = 116$
8509: $297903607^2 \Rightarrow 3 \cdot 307 \cdot 13933 \cdot 6915876949,\ B_1 = 150$
8510: $6915876949^2 \Rightarrow 7 \ldots,\ D$
8511: $6915876949^4 \Rightarrow 11 \ldots,\ D$
8512: $6915876949^6 \Rightarrow 883 \cdot 3137 \cdot 7673 \cdot 83777 \cdot 66958852552651332463 \cdot P_{24},\ B_1 = 308$
8513: $6915876949^{10} \Rightarrow 23 \cdot 859 \cdot n,\ B_1 = 332$
8514: $6915876949^{12} \Rightarrow n,\ B_1 = 367;\ \ q^{16},\ B_2 = 314$
8516: $297903607^4 \Rightarrow 2141 \cdot 3671 \cdot 734262067271 \cdot p_{16},\ B_1 = 201$
8517: $p_{16}^2 \Rightarrow 7 \ldots,\ D$
8518: $p_{16}^4 \Rightarrow 5 \cdot 41 \cdot 122212901 \cdot 15119485141 \cdot n,\ B_1 = 312$
8519: $p_{16}^6 \Rightarrow 911 \cdot n,\ B_1 = 355;\ \ q^{10},\ B_3 = 322$
8521: $297903607^6 \Rightarrow 7 \ldots,\ D$
8522: $297903607^{10} \Rightarrow 11 \ldots,\ D$
8523: $297903607^{12} \Rightarrow 13 \cdot n,\ B_1 = 304$
8524: $297903607^{16} \Rightarrow 647 \cdot n,\ B_1 = 373;\ \ q^{18},\ B_2 = 305$
8526: $p_{19}^2 \Rightarrow 3 \cdot 13 \cdot 9949 \cdot p_{33},\ B_1 = 141$
8527: $p_{33}^1 \Rightarrow 11 \ldots,\ D$
8528: $p_{33}^2 \Rightarrow 3 \cdot 97 \cdot 199 \cdot 560687269633 \cdot 31109129933785261 \cdot P_{32},\ B_1 = 284$
8529: $P_{32}^2 \Rightarrow 7 \ldots,\ D$
8530: $P_{32}^4,\ B_3 = 347$
8531: $p_{33}^4 \Rightarrow 31 \cdot n,\ B_1 = 357;\ \ q^6,\ B_2 = 385$
8533: $p_{19}^4 \Rightarrow 11 \ldots,\ D$
8534: $p_{19}^6 \Rightarrow 2623108622527 \cdot 539071637349799 \cdot n,\ B_1 = 306;\ \ q^{10},\ B_2 = 377$
8536: $31^{28} \Rightarrow 349 \cdot 10789 \cdot 49823 \cdot 1482570191 \cdot 11242578713 \cdot 189343400041,\ B_1 = 114$
8537: $189343400041^1 \Rightarrow 311 \cdot 304410611,\ B_1 = 135$
8538: $304410611^2 \Rightarrow p_{17},\ B_1 = 169$
8539: $p_{17}^2 \Rightarrow 19 \ldots,\ D$
8540: $p_{17}^4 \Rightarrow 10548040914268336242833077 1 \cdot P_{42},\ B_1 = 339$
8541: $p_{17}^6 \Rightarrow 29 \cdot 71 \cdot n,\ B_1 = 342;\ \ q^{10},\ B_2 = 339$
8543: $304410611^4 \Rightarrow 5 \cdot 31 \cdot 6961 \cdot 45131 \cdot 261241 \cdot p_{18},\ B_1 = 217$
8544: $p_{18}^2 \Rightarrow 7 \ldots,\ D$
8545: $p_{18}^4 \Rightarrow 5 \cdot n,\ B_1 = 324$
8546: $p_{18}^6 \Rightarrow n,\ B_1 = 396;\ \ q^{10},\ B_3 = 360$
8548: $304410611^6 \Rightarrow 7 \ldots,\ D$
8549: $304410611^{10} \Rightarrow 67 \cdot P_{84},\ B_1 = 373$
8550: $304410611^{12} \Rightarrow 157 \cdot n,\ B_1 = 324$
8551: $304410611^{16} \Rightarrow n,\ B_1 = 390;\ \ q^{18},\ B_2 = 305$
8553: $189343400041^2 \Rightarrow 3 \cdot 13 \cdot 272571007 \cdot P_{13},\ B_1 = 160$
8554: $P_{13}^2 \Rightarrow 3 \cdot 37 \cdot 18427 \cdot p_{19},\ B_1 = 200$
8555: $p_{19}^1 \Rightarrow 5^2 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 31^{28}$
8556: $p_{19}^2 \Rightarrow 3 \cdot 409 \cdot 4896290798857 \cdot p_{22},\ B_1 = 272$
8557: $p_{22}^1 \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 13^2$
8558: $p_{22}^2 \Rightarrow 7 \ldots,\ D$
8559: $p_{22}^4,\ B_3 = 325$
8560: $p_{19}^4 \Rightarrow 11 \ldots,\ D$
8561: $p_{19}^6 \Rightarrow n,\ B_1 = 396;\ \ q^{10},\ B_2 = 374$
8563: $P_{13}^4 \Rightarrow 11 \ldots,\ D$
8564: $P_{13}^6 \Rightarrow 43 \cdot P_{74},\ B_1 = 360$
8565: $P_{13}^{10} \Rightarrow 23 \cdot n,\ B_1 = 387;\ \ q^{12},\ B_2 = 300$

8567: $189343400041^{4} \Rightarrow 11\ldots,\ D$

8568: $189343400041^{6} \Rightarrow 71\cdot 3321954973\cdot 86346199320053\cdot 19178277076040314 27\cdot P_{25},\ B_1 = 291$

8569: $P_{25}^{2} \Rightarrow 3\cdot n,\ B_1 = 340;\ \ q^{4},\ B_3 = 339$

8571: $189343400041^{10} \Rightarrow 67\cdot 89\cdot n,\ B_1 = 322$

8572: $189343400041^{12} \Rightarrow n,\ B_1 = 363;\ \ q^{16},\ B_2 = 360$

8574: $31^{30} \Rightarrow p_{45},\ B_1 = 89$

8575: $p_{45}^{1} \Rightarrow 71713\cdot p_{40},\ B_1 = 178$

8576: $p_{40}^{2} \Rightarrow 19\ldots,\ D;\ \ q^{4},\ B_2 = 316$

8578: $p_{45}^{2} \Rightarrow 3\cdot 96601\cdot 434803\cdot 83722060542667\cdot 26503473153794405526405756853\cdot p_{37},\ B_1 = 277$

8579: $p_{37}^{1} \Rightarrow n,\ B_1 = 312$

8580: $p_{37}^{2} \Rightarrow 3\cdot n,\ B_1 = 356;\ \ q^{4},\ B_3 = 356$

8582: $p_{45}^{4},\ B_2 = 358$

8583: $31^{36} \Rightarrow 149\cdot 4219\cdot 152597832677\cdot 257803457371\cdot 386626708057\cdot p_{14},\ B_1 = 147$

8584: $p_{14}^{1} \Rightarrow 7\ldots,\ D$

8585: $p_{14}^{2} \Rightarrow 3\cdot 61\cdot p_{26},\ B_1 = 190$

8586: $p_{26}^{1} \Rightarrow 31^{2}\cdot P_{22},\ B_1 = 234$

8587: $P_{22}^{2} \Rightarrow 7\ldots,\ D$

8588: $P_{22}^{4} \Rightarrow 5\cdot 41\cdot n,\ B_1 = 368;\ \ q^{6},\ B_3 = 322$

8590: $p_{26}^{2} \Rightarrow 3\cdot 13^{2}\cdot 11593\cdot 729230879101\cdot 1315984880461\cdot p_{20},\ B_1 = 293$

8591: $p_{20}^{1} \Rightarrow 11\ldots,\ D;\ \ q^{2},\ B_3 = 301$

8593: $p_{26}^{4} \Rightarrow 11\ldots,\ D$

8594: $p_{26}^{6},\ B_3 = 305$

8595: $p_{14}^{4} \Rightarrow 11\ldots,\ D$

8596: $p_{14}^{6} \Rightarrow 67537\cdot 9780821\cdot 41231471\cdot n,\ B_1 = 306$

8597: $p_{14}^{10} \Rightarrow 353\cdot n,\ B_1 = 399;\ \ q^{12},\ B_2 = 329$

8599: $31^{40} \Rightarrow 83\cdot 4248179715443317661 2759\cdot p_{36},\ B_1 = 143$

8600: $p_{36}^{1} \Rightarrow 245671\cdot p_{30},\ B_1 = 213$

8601: $p_{30}^{2} \Rightarrow 7\ldots,\ D$

8602: $p_{30}^{4} \Rightarrow n,\ B_1 = 390;\ \ q^{6},\ B_2 = 353$

8604: $p_{36}^{2} \Rightarrow 3\cdot 13\cdot 4441\cdot 1784617\cdot p_{59},\ B_1 = 260$

8605: $p_{59}^{1} \Rightarrow n,\ B_1 = 319;\ \ q^{2},\ B_3 = 313$

8607: $p_{36}^{4} \Rightarrow n,\ B_1 = 389;\ \ q^{6},\ B_2 = 421$

8609: $31^{42} \Rightarrow 146982701137\cdot p_{52},\ B_1 = 136$

8610: $p_{52}^{1} \Rightarrow 7\ldots,\ D$

8611: $p_{52}^{2} \Rightarrow 3\cdot 331\cdot 43399\cdot 3852547\cdot P_{89},\ B_1 = 382;\ \ q^{4},\ B_2 = 411$

8613: $31^{46} \Rightarrow 3128573142495569\cdot 17094298450284596969 6543\cdot P_{30},\ B_1 = 190$

8614: $P_{30}^{2} \Rightarrow 13\cdot 37\cdot 1783\cdot 31155049\cdot P_{47},\ B_1 = 309$

8615: $P_{30}^{4} \Rightarrow 5\cdot n,\ B_1 = 370;\ \ q^{6},\ B_2 = 358$

8617: $31^{52} \Rightarrow 218149\cdot 2210276655188599\cdot 15934059928417128523 24481273\cdot P_{30},\ B_1 = 205$

8618: $P_{30}^{2} \Rightarrow 19\ldots,\ D$

8619: $P_{30}^{4} \Rightarrow 5\cdot 41\cdot 61\cdot 71\cdot 191\cdot n,\ B_1 = 391;\ \ q^{6},\ B_2 = 356$

8621: $31^{58} \Rightarrow 1256937277586484076 13\cdot p_{67},\ B_1 = 193$

8622: $p_{67}^{1} \Rightarrow 13\cdot 24022021\cdot 1307125241\cdot P_{49},\ B_1 = 325$

8623: $p_{67}^{2} \Rightarrow 3\cdot 223\cdot n,\ B_1 = 375;\ \ q^{4},\ B_2 = 531$

8625: $31^{60} \Rightarrow 14519\cdot 50848444051\cdot 127120815674681009 53\cdot 13578586277937589671409\cdot p_{34},\ B_1 = 235$

8626: $p_{34}^{1} \Rightarrow 11\ldots,\ D$

8627: $p_{34}^{2} \Rightarrow 19\ldots,\ D;\ \ q^{4},\ B_3 = 313$

8629: $31^{66} \Rightarrow 882659\cdot 44777293430126404732 5373\cdot 13345743864383951086090840443 17\cdot P_{39},\ B_1 = 265$

8630: $P_{39}^{2} \Rightarrow 3\cdot 337\cdot n,\ B_1 = 345;\ \ q^{4},\ B_3 = 342$

8632: $31^{70} \Rightarrow 17609\cdot 611127785361198601\cdot c_{83},\ B_1 = 213$

8633: $p_{18}^{1} \Rightarrow 7\ldots,\ D$

8634: $p_{18}^{2} \Rightarrow 3\cdot 62087554383220789\cdot p_{19},\ B_1 = 283$

8635: $p_{19}^{1} \Rightarrow 5\cdot n,\ B_1 = 302$

8636: $p_{19}^{2} \Rightarrow 7\ldots,\ D;\ \ q^{4},\ B_3 = 321$

8638: $p_{18}^4 \Rightarrow 5 \cdot 211 \cdot n,\ B_1 = 336$

8639: $p_{18}^6 \Rightarrow n,\ B_1 = 404;\ q^{10},\ B_3 = 368$

8641: $31^{72} \Rightarrow 30223 \cdot 122840087453 \cdot 197340338942587 \cdot 833039147209543 \cdot P_{63},\ B_1 = 311$

8642: $31^{78} \Rightarrow 317 \cdot 279977 \cdot 290879 \cdot 32846285357 \cdot 9885529552310437 \cdot P_{77},\ B_1 = 333$

8643: $31^{82} \Rightarrow 167 \cdot 499 \cdot 182933 \cdot 40003511 \cdot 74824336159 \cdot c_{94},\ B_1 = 267$

8644: $74824336159^2 \Rightarrow 3 \cdot 4219 \cdot p_{18},\ B_1 = 299$

8645: $p_{18}^1 \Rightarrow 499 \cdot n,\ B_1 = 313;\ q^2,\ B_3 = 311$

8647: $74824336159^4 \Rightarrow n,\ B_1 = 333;\ q^6,\ B_3 = 311$

8649: $31^{88} \Rightarrow 179 \cdot 1476511 \cdot 1943820213178658340771895009826287880923167 \cdot P_{82},\ B_1 = 373$

8650: $31^{96} \Rightarrow 4657 \cdot 14551 \cdot 51217 \cdot 116283302684682499 \cdot n,\ B_1 = 311$

8651: $31^{100} \Rightarrow 4243 \cdot 73529 \cdot 518115053 \cdot n,\ B_1 = 306;\ q^{102},\ B_2 = 304$

$13^1 \Rightarrow 7, D$

$13^2 \Rightarrow 3 \cdot 61,\ B_1 = 4$

$61^1 \Rightarrow 31, D$

$61^2 \Rightarrow 3 \cdot 13 \cdot 97,\ B_1 = 8$

$97^1 \Rightarrow 7 \ldots,\ D$

$97^2 \Rightarrow 3 \cdot 3169,\ B_1 = 15$

$3169^1 \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 13^2$

$3169^2 \Rightarrow 3 \cdot 3348577,\ B_1 = 25$

$3348577^1 \Rightarrow 1674289,\ B_1 = 37$

$1674289^2 \Rightarrow 3 \cdot 934415109937,\ B_1 = 62$

$934415109937^2 \Rightarrow 127 \ldots,\ D$

$934415109937^4 \Rightarrow 17200201 \cdot p_{41},\ B_1 = 182$

$p_{41}^2 \Rightarrow 19 \ldots,\ D;\ \ q^4,\ B_2 = 325$

$934415109937^6 \Rightarrow 7 \ldots,\ D$

$934415109937^{10} \Rightarrow 11 \ldots,\ D$

$934415109937^{12} \Rightarrow n,\ B_1 = 325;\ \ q^{16},\ B_2 = 383$

$1674289^4 \Rightarrow p_{25},\ B_1 = 99$

$p_{25}^2 \Rightarrow 270241 \cdot 837937 \cdot 3345409 \cdot 984243979 \cdot p_{23},\ B_1 = 199$

$p_{23}^2 \Rightarrow 3 \cdot 21121 \cdot 10796382665503 \cdot P_{29},\ B_1 = 291$

$P_{29}^2 \Rightarrow 7 \ldots,\ D$

$P_{29}^4,\ B_3 = 347$

$p_{23}^4 \Rightarrow 11 \ldots,\ D$

$p_{23}^6 \Rightarrow 29 \cdot n,\ B_1 = 430;\ \ q^{10},\ B_2 = 458$

$p_{25}^4 \Rightarrow 11 \ldots,\ D$

$p_{25}^6 \Rightarrow 43 \cdot n,\ B_1 = 350;\ \ q^{10},\ B_2 = 497$

$1674289^6 \Rightarrow 7 \ldots,\ D$

$1674289^{10} \Rightarrow 11 \ldots,\ D$

$1674289^{12} \Rightarrow 23315657 \cdot 92147842651723166098015088351755 9 \cdot P_{35},\ B_1 = 249$

$P_{35}^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_3 = 317$

$1674289^{16} \Rightarrow 4229873 \cdot 3956451899480991413 \cdot p_{75},\ B_1 = 323$

$1674289^{18} \Rightarrow 4219 \cdot 9311 \cdot 92189 \cdot 4031434050653 \cdot c_{87},\ B_1 = 274$

$p_{13}^2 \Rightarrow 7 \ldots,\ D$

$p_{13}^4 \Rightarrow 11 \ldots,\ D;\ \ q^6,\ B_3 = 324$

$1674289^{22} \Rightarrow 47 \cdot 139 \cdot n,\ B_1 = 302;\ \ q^{28},\ B_2 = 348$

$3348577^2 \Rightarrow 3 \cdot p_{13},\ B_1 = 45$

$p_{13}^1 \Rightarrow 5 \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 13^2$

$p_{13}^2 \Rightarrow 3 \cdot 181 \cdot 26042690887 \cdot 987900542491,\ B_1 = 104$

$987900542491^2 \Rightarrow 7 \ldots,\ D$

$987900542491^4 \Rightarrow 11 \ldots,\ D$

$987900542491^6 \Rightarrow 127 \ldots,\ D$

$987900542491^{10} \Rightarrow n,\ B_1 = 320$

$987900542491^{12} \Rightarrow 53 \cdot n,\ B_1 = 370;\ \ q^{16},\ B_2 = 383$

$p_{13}^4 \Rightarrow p_{51},\ B_1 = 133$

$p_{51}^1 \Rightarrow 3 \cdot 317 \cdot 1086919 \cdot 15122366047 \cdot 12817877199473 \cdot p_{18},\ B_1 = 232$

$p_{18}^2 \Rightarrow 7 \ldots,\ D$

$p_{18}^4 \Rightarrow 821 \cdot n,\ B_1 = 341;\ \ q^6,\ B_3 = 303$

$p_{51}^2 \Rightarrow 43 \cdot 97 \cdot 4086367 \cdot 28086319 \cdot 29182771 \cdot 34112773 \cdot P_{68},\ B_1 = 373;\ \ q^4,\ B_2 = 402$

$p_{13}^6 \Rightarrow 7 \ldots,\ D$

$p_{13}^{10} \Rightarrow 11 \ldots,\ D;\ \ q^{12},\ B_2 = 301$

$3348577^4 \Rightarrow 86524531 \cdot P_{19},\ B_1 = 95$

$P_{19}^2 \Rightarrow 199 \cdot 182701 \cdot 3478781116501 \cdot P_{17},\ B_1 = 157$

$P_{17}^2 \Rightarrow 3 \cdot 103 \cdot 673 \cdot 135817748467 \cdot P_{16},\ B_1 = 221$

$P_{16}^2 \Rightarrow 3 \cdot 126013 \cdot 238939 \cdot 1039657 \cdot p_{16},\ B_1 = 282$

$p_{16}^1 \Rightarrow 5 \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 13^2$

$p_{16}^2 \Rightarrow 127\ldots,\ D;\ \ q^4,\ B_3 = 315$

$P_{16}^4 \Rightarrow 11\ldots,\ D$

$P_{16}^6 \Rightarrow 29\cdot n,\ B_1 = 383;\ \ q^{10},\ B_3 = 349$

$P_{17}^4 \Rightarrow 4051\cdot 8111\cdot 5076551\cdot 1092087791\cdot 1192972010177251\cdot P_{27},\ B_1 = 319$

$P_{17}^6 \Rightarrow 7\ldots,\ D;\ \ q^{10},\ B_2 = 324$

$P_{19}^4 \Rightarrow 31\ldots,\ D$

$P_{19}^6 \Rightarrow 29\cdot 47183809\cdot 28584035037615149\cdot p_{84},\ B_1 = 304;\ \ q^{10},\ B_2 = 363$

$3348577^6 \Rightarrow 7\ldots,\ D$

$3348577^{10} \Rightarrow 11\ldots,\ D$

$3348577^{12} \Rightarrow 313\cdot 443\cdot 937\cdot 58740839\cdot 2215486363039\cdot 3540501497282179\cdot p_{35},\ B_1 = 219$

$p_{35}^1 \Rightarrow 22721\cdot 2042021\cdot P_{24},\ B_1 = 287$

$P_{24}^2 \Rightarrow 19\ldots,\ D$

$P_{24}^4,\ B_3 = 334$

$p_{35}^2 \Rightarrow 7\ldots,\ D$

$p_{35}^4,\ B_3 = 319$

$3348577^{16} \Rightarrow 239\cdot 24369553177\cdot 76497600859\cdot 32888797591333313860651\cdot P_{60},\ B_1 = 321$

$3348577^{18} \Rightarrow 161555645348779466138632 87\cdot p_{93},\ B_1 = 278$

$p_{93}^1 \Rightarrow n,\ B_1 = 370;\ \ q^2,\ B_3 = 369$

$3348577^{22} \Rightarrow 277\cdot n,\ B_1 = 305;\ \ q^{28},\ B_2 = 365$

$3169^4 \Rightarrow 61\cdot p_{13},\ B_1 = 37$

$p_{13}^1 \Rightarrow 19\ldots,\ D$

$p_{13}^2 \Rightarrow 78049\cdot 1577431459\cdot 22216443433,\ B_1 = 88$

$22216443433^1 \Rightarrow 41\cdot 53\cdot 71\cdot 71999,\ B_1 = 108$

$71999^2 \Rightarrow 7\ldots,\ D$

$71999^4 \Rightarrow 11\ldots,\ D$

$71999^6 \Rightarrow 14939\cdot 1302194107229\cdot P_{13},\ B_1 = 186$

$P_{13}^2 \Rightarrow 3\cdot 37\cdot 523\cdot p_{21},\ B_1 = 236$

$p_{21}^2 \Rightarrow 31\ldots,\ D$

$p_{21}^4 \Rightarrow 11\ldots,\ D$

$p_{21}^6,\ B_3 = 320$

$P_{13}^4 \Rightarrow 11\ldots,\ D$

$P_{13}^6 \Rightarrow 7\ldots,\ D$

$P_{13}^{10} \Rightarrow 67\cdot n,\ B_1 = 419;\ \ q^{12},\ B_3 = 315$

$71999^{10} \Rightarrow 23\cdot 12592999\cdot 34739431\cdot P_{33},\ B_1 = 244$

$P_{33}^2 \Rightarrow n,\ B_1 = 309;\ \ q^4,\ B_3 = 309$

$71999^{12} \Rightarrow 131\cdot 157\cdot 521\cdot 911\cdot 5981\cdot p_{45},\ B_1 = 273$

$p_{45}^2 \Rightarrow 7\ldots,\ D$

$p_{45}^4,\ B_3 = 362$

$71999^{16} \Rightarrow 137\cdot 100403\cdot 176508263437936462909159 5739\cdot p_{44},\ B_1 = 332$

$71999^{18} \Rightarrow 6133961\cdot 49027411\cdot 869519611\cdot 24798255689\cdot n,\ B_1 = 307$

$71999^{22} \Rightarrow 47\cdot 277\cdot n,\ B_1 = 316$

$71999^{28} \Rightarrow 59\cdot 233\cdot n,\ B_1 = 375$

$71999^{30} \Rightarrow n,\ B_1 = 390;\ \ q^{36},\ B_2 = 349$

$22216443433^2 \Rightarrow 7\ldots,\ D$

$22216443433^4 \Rightarrow 1199813191\cdot P_{33},\ B_1 = 197$

$P_{33}^2 \Rightarrow 241\cdot 283\cdot 463\cdot 25657\cdot 132631\cdot P_{48},\ B_1 = 326$

$P_{33}^4 \Rightarrow 5\cdot 61\cdot n,\ B_1 = 393;\ \ q^6,\ B_2 = 387$

$22216443433^6 \Rightarrow 743\cdot p_{60},\ B_1 = 205$

$p_{60}^1 \Rightarrow 19\ldots,\ D$

$p_{60}^2 \Rightarrow 31\ldots,\ D;\ \ q^4,\ B_2 = 473$

$22216443433^{10} \Rightarrow 23\cdot 67\cdot 1607\cdot 3169\cdot 87253\cdot 3124903\cdot c_{83},\ B_1 = 294$

$3124903^2 \Rightarrow 19\ldots,\ D;\ \ q^4,\ B_3 = 307$

$22216443433^{12} \Rightarrow n,\ B_1 = 321;\ \ q^{16},\ B_2 = 331$

$p_{13}^4 \Rightarrow 5\cdot 6474751\cdot P_{42},\ B_1 = 170$

$P_{42}^{2} \Rightarrow 7\ldots,\ D$

$P_{42}^{4},\ B_2 = 330$

$p_{13}^{6} \Rightarrow 17177707 \cdot 22173341 \cdot 1986459091 \cdot 12533290309 \cdot 2928547481506417 \cdot P_{24},\ B_1 = 230$

$P_{24}^{2} \Rightarrow 43 \cdot 209117839979303977 \cdot P_{29},\ B_1 = 323$

$P_{24}^{4} \Rightarrow n,\ B_1 = 373;\ \ q^6,\ B_3 = 325$

$p_{13}^{10} \Rightarrow 67 \cdot 353 \cdot 1077878319222787364 27 \cdot c_{98},\ B_1 = 291$

$P_{21}^{2} \Rightarrow n,\ B_1 = 331;\ \ q^4,\ B_3 = 331$

$p_{13}^{12} \Rightarrow 13 \cdot 53 \cdot 131 \cdot n,\ B_1 = 319;\ \ q^{16},\ B_2 = 390$

$3169^{6} \Rightarrow 71 \cdot 491 \cdot 8429 \cdot P_{13},\ B_1 = 70$

$P_{13}^{2} \Rightarrow 2362573 \cdot p_{19},\ B_1 = 106$

$p_{19}^{1} \Rightarrow 211 \cdot 1103 \cdot P_{14},\ B_1 = 142$

$P_{14}^{2} \Rightarrow 7\ldots,\ D$

$P_{14}^{4} \Rightarrow 31\ldots,\ D$

$P_{14}^{6} \Rightarrow 71 \cdot 113 \cdot 712782407 \cdot 4106087021 \cdot 1344698476591 \cdot n,\ B_1 = 304$

$P_{14}^{10} \Rightarrow 23 \cdot 89 \cdot n,\ B_1 = 380;\ \ q^{12},\ B_2 = 312$

$p_{19}^{2} \Rightarrow 3 \cdot 2809087 \cdot 6149624869 \cdot P_{21},\ B_1 = 188$

$P_{21}^{2} \Rightarrow 3 \cdot 77353879 \cdot 14275440592459 \cdot P_{20},\ B_1 = 271$

$P_{20}^{2} \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_3 = 311$

$P_{21}^{4} \Rightarrow n,\ B_1 = 313$

$P_{21}^{6} \Rightarrow 71 \cdot n,\ B_1 = 393;\ \ q^{10},\ B_2 = 413$

$p_{19}^{4} \Rightarrow 41 \cdot 59921 \cdot 2674213931 \cdot 3069857563921370042022795451 \cdot p_{32},\ B_1 = 280$

$p_{32}^{1} \Rightarrow 11\ldots,\ D;\ \ q^2,\ B_3 = 305$

$p_{19}^{6} \Rightarrow 7\ldots,\ D;\ \ q^{10},\ B_2 = 374$

$P_{13}^{4} \Rightarrow 11\ldots,\ D$

$P_{13}^{6} \Rightarrow 7\ldots,\ D$

$P_{13}^{10} \Rightarrow 13693571 \cdot 87345721 \cdot n,\ B_1 = 307;\ \ q^{12},\ B_2 = 300$

$3169^{10} \Rightarrow 11\ldots,\ D$

$3169^{12} \Rightarrow 53 \cdot 13751549137 \cdot 51206126365213 \cdot p_{17},\ B_1 = 121$

$p_{17}^{1} \Rightarrow 3 \cdot 181 \cdot p_{14},\ B_1 = 152$

$p_{14}^{2} \Rightarrow 248887 \cdot p_{22},\ B_1 = 206$

$p_{22}^{2} \Rightarrow 3 \cdot p_{43},\ B_1 = 291$

$p_{43}^{2} \Rightarrow 3 \cdot n,\ B_1 = 376;\ \ q^4,\ B_3 = 376$

$p_{22}^{4} \Rightarrow 11\ldots,\ D$

$p_{22}^{6} \Rightarrow 43 \cdot n,\ B_1 = 421;\ \ q^{10},\ B_2 = 428$

$p_{14}^{4} \Rightarrow 11\ldots,\ D$

$p_{14}^{6} \Rightarrow 29 \cdot P_{79},\ B_1 = 367$

$p_{14}^{10} \Rightarrow n,\ B_1 = 393;\ \ q^{12},\ B_2 = 321$

$p_{17}^{2} \Rightarrow 7\ldots,\ D$

$p_{17}^{4} \Rightarrow 6691 \cdot 21521 \cdot 62141 \cdot 94201 \cdot 1125391 \cdot 217642422301 \cdot 1059847633601 \cdot p_{19},\ B_1 = 283$

$p_{19}^{1} \Rightarrow 11\ldots,\ D$

$p_{19}^{2} \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_3 = 325$

$p_{17}^{6} \Rightarrow 12251 \cdot 28552914124561 \cdot n,\ B_1 = 305;\ \ q^{10},\ B_2 = 328$

$3169^{16} \Rightarrow 103 \cdot 5458633 \cdot P_{48},\ B_1 = 172$

$P_{48}^{2} \Rightarrow 43 \cdot 985996607929 \cdot c_{81},\ B_1 = 275$

$985996607929^{1} \Rightarrow 5\ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 13^2$

$985996607929^{2} \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_3 = 305$

$P_{48}^{4},\ B_2 = 378$

$3169^{18} \Rightarrow 4447 \cdot 427951609310474819 \cdot P_{42},\ B_1 = 199$

$P_{42}^{2} \Rightarrow 7138513 \cdot c_{77},\ B_1 = 284$

$7138513^{1} \Rightarrow 3569257,\ B_1 = 297$

$3569257^{2} \Rightarrow 3 \cdot 13^2 \cdot 193 \cdot n,\ B_1 = 312;\ \ q^4,\ B_3 = 310$

$7138513^{2} \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_3 = 303$

$P_{42}^{4},\ B_2 = 333$

$3169^{22} \Rightarrow 79811 \cdot 2488141 \cdot 1196354477 \cdot 30660780937 \cdot 41039009360080559533 \cdot p_{27},\ B_1 = 216$

$p_{27}^{1} \Rightarrow 19\ldots,\ D$

$p_{27}^{2} \Rightarrow 7\ldots,\ D$

$p_{27}^{4} \Rightarrow 181\cdot 281\cdot 601\cdot n,\ B_1 = 389;\ \ q^{6},\ B_3 = 329$

$3169^{28} \Rightarrow 7094851\cdot 11518706839357\cdot 3390086897182649\cdot P_{63},\ B_1 = 290$

$P_{63}^{2} \Rightarrow 3\cdot n,\ B_1 = 414;\ \ q^{4},\ B_2 = 500$

$3169^{30} \Rightarrow 1012111005349\cdot 36463562124397397131\cdot$
$3068056708186838878759\cdot 9240777944879008547567\cdot p_{31},\ B_1 = 296$

$p_{31}^{1} \Rightarrow 7\ldots,\ D$

$p_{31}^{2},\ B_3 = 314$

$3169^{36} \Rightarrow c_{127},\ B_{25} = 315$ *see text*

$3169^{40} \Rightarrow 1601051\cdot 12756413\cdot 3891597329\cdot n,\ B_1 = 305$

$3169^{42} \Rightarrow n,\ B_1 = 304;\ \ q^{46},\ B_2 = 322$

$97^{4} \Rightarrow 11\ldots,\ D$

$97^{6} \Rightarrow 43\cdot 967\cdot 20241187,\ B_1 = 41$

$20241187^{2} \Rightarrow 3\cdot 72229\cdot 1890771811,\ B_1 = 66$

$1890771811^{2} \Rightarrow 3\cdot 2017\cdot 6829\cdot 152407\cdot 567661,\ B_1 = 102$

$152407^{2} \Rightarrow 3\cdot 7742682019,\ B_1 = 122$

$7742682019^{2} \Rightarrow 127\ldots,\ D$

$7742682019^{4} \Rightarrow 41\cdot 68678651\cdot P_{31},\ B_1 = 221$

$P_{31}^{2} \Rightarrow 37\cdot 32308354513\cdot 131807445409\cdot p_{38},\ B_1 = 310$

$P_{31}^{4} \Rightarrow 11\ldots,\ D$

$P_{31}^{6},\ B_2 = 361$

$7742682019^{6} \Rightarrow 71\cdot 1113617\cdot P_{52},\ B_1 = 280$

$P_{52}^{2} \Rightarrow 3\cdot 13\cdot n,\ B_1 = 382;\ \ q^{4},\ B_2 = 411$

$7742682019^{10} \Rightarrow 89\cdot 353\cdot n,\ B_1 = 305$

$7742682019^{12} \Rightarrow 859\cdot n,\ B_1 = 343;\ \ q^{16},\ B_2 = 316$

$152407^{4} \Rightarrow 41\cdot 267270691\cdot 49236515971,\ B_1 = 153$

$49236515971^{2} \Rightarrow 3\cdot 43\cdot 8329\cdot p_{16},\ B_1 = 183$

$p_{16}^{1} \Rightarrow 220057\cdot 5126569771,\ B_1 = 213$

$5126569771^{2} \Rightarrow 3\cdot 31438357\cdot 278658727003,\ B_1 = 251$

$278658727003^{2} \Rightarrow 3\cdot 1472381413\cdot P_{14},\ B_1 = 297$

$P_{14}^{2} \Rightarrow 7\ldots,\ D$

$P_{14}^{4},\ B_3 = 324$

$278658727003^{4} \Rightarrow n,\ B_1 = 320$

$278658727003^{6} \Rightarrow 29\cdot n,\ B_1 = 367;\ \ q^{10},\ B_3 = 343$

$5126569771^{4} \Rightarrow 11\ldots,\ D$

$5126569771^{6} \Rightarrow 7\ldots,\ D$

$5126569771^{10} \Rightarrow n,\ B_1 = 388;\ \ q^{12},\ B_3 = 311$

$p_{16}^{2} \Rightarrow 7\ldots,\ D$

$p_{16}^{4} \Rightarrow 11\ldots,\ D$

$p_{16}^{6} \Rightarrow n,\ B_1 = 347;\ \ q^{10},\ B_3 = 316$

$49236515971^{4} \Rightarrow 11\ldots,\ D$

$49236515971^{6} \Rightarrow 29\cdot 6637\cdot 14567641413739\cdot P_{46},\ B_1 = 325$

$49236515971^{10} \Rightarrow 23\cdot n,\ B_1 = 347$

$49236515971^{12} \Rightarrow n,\ B_1 = 389;\ \ q^{16},\ B_2 = 342$

$152407^{6} \Rightarrow 3515044995197\cdot p_{19},\ B_1 = 172$

$p_{19}^{1} \Rightarrow 31\ldots,\ D$

$p_{19}^{2} \Rightarrow 853\cdot 3559\cdot 927973\cdot 1353753013\cdot p_{16},\ B_1 = 249$

$p_{16}^{1} \Rightarrow 29\cdot 59\cdot 3209\cdot 303529829,\ B_1 = 279$

$303529829^{2} \Rightarrow 31\ldots,\ D$

$303529829^{4} \Rightarrow 11\ldots,\ D;\ \ q^{6},\ B_3 = 313$

$p_{16}^{2} \Rightarrow 31\ldots,\ D$

$p_{16}^{4} \Rightarrow 11\ldots,\ D$

$p_{16}^{6},\ B_3 = 314$

$p_{19}^4 \Rightarrow 11\ldots,\ D$

$p_{19}^6 \Rightarrow 127\ldots,\ D;\ \ q^{10},\ B_2 = 371$

$152407^{10} \Rightarrow 23\cdot 89\cdot 34607\cdot 10561409\cdot 757905469663\cdot 1991951243371\cdot p_{13},\ B_1 = 240$

$p_{13}^1 \Rightarrow 7\ldots,\ D$

$p_{13}^2 \Rightarrow 73\cdot P_{24},\ B_1 = 297$

$P_{24}^2 \Rightarrow 3\cdot 13\cdot n,\ B_1 = 343;\ \ q^4,\ B_3 = 344$

$p_{13}^4 \Rightarrow 61\cdot n,\ B_1 = 320$

$p_{13}^6 \Rightarrow n,\ B_1 = 373;\ \ q^{10},\ B_3 = 348$

$152407^{12} \Rightarrow 151009\cdot 5332097993\cdot 178165492266117799\cdot P_{31},\ B_1 = 274$

$P_{31}^2 \Rightarrow 199\cdot n,\ B_1 = 336;\ \ q^4,\ B_3 = 334$

$152407^{16} \Rightarrow 85646890708346128669\cdot$
$13735656635426708251 7\cdot 4971023284087816193 99\cdot P_{23},\ B_1 = 326$

$152407^{18} \Rightarrow 191\cdot 2508541843\cdot 2767144311853\cdot p_{70},\ B_1 = 308$

$152407^{22} \Rightarrow 139\cdot n,\ B_1 = 321$

$152407^{28} \Rightarrow n,\ B_1 = 382;\ \ q^{30},\ B_2 = 310$

$1890771811^4 \Rightarrow 11\ldots,\ D$

$1890771811^6 \Rightarrow 127\ldots,\ D$

$1890771811^{10} \Rightarrow 89\cdot 331\cdot P_{89},\ B_1 = 326$

$1890771811^{12} \Rightarrow 53\cdot 4603\cdot 1033007\cdot p_{100},\ B_1 = 287$

$p_{100}^1 \Rightarrow 7\ldots,\ D$

$p_{100}^2,\ B_2 = 399$

$1890771811^{16} \Rightarrow n,\ B_1 = 345;\ \ q^{18},\ B_2 = 333$

$20241187^4 \Rightarrow 31\ldots,\ D$

$20241187^6 \Rightarrow 7\ldots,\ D$

$20241187^{10} \Rightarrow 44191479325025062507848929251\cdot P_{45},\ B_1 = 245$

$P_{45}^2 \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_2 = 355$

$20241187^{12} \Rightarrow 53\cdot 313\cdot 321647\cdot 1396877\cdot 1262856357253349\cdot P_{57},\ B_1 = 275$

$P_{57}^2 \Rightarrow 3\cdot 43\cdot n,\ B_1 = 388;\ \ q^4,\ B_2 = 453$

$20241187^{16} \Rightarrow 17\cdot 137\cdot 11896771\cdot c_{107},\ B_1 = 270$

$11896771^2 \Rightarrow 31\ldots,\ D$

$11896771^4 \Rightarrow 5\ldots,\ S\ \ 3^2\cdot 5\cdot 13^2\cdot 17^2\cdot 43^2$

$11896771^6 \Rightarrow 43\cdot 491\cdot n,\ B_1 = 341;\ \ q^{10},\ B_3 = 326$

$20241187^{18} \Rightarrow 191\cdot 419\cdot 457\cdot 79100676007\cdot n,\ B_1 = 306;\ \ q^{22},\ B_2 = 321$

$97^{10} \Rightarrow 89\cdot P_{18},\ B_1 = 64$

$P_{18}^2 \Rightarrow 3\cdot P_{36},\ B_1 = 136$

$P_{36}^2 \Rightarrow 19\ldots,\ D$

$P_{36}^4 \Rightarrow 5\ldots,\ S\ \ 3^4\cdot 5\cdot 13^2\cdot 61^2\cdot 89^2\cdot 97^{10}$

$P_{36}^6,\ B_2 = 424$

$P_{18}^4 \Rightarrow 44531\cdot P_{68},\ B_1 = 243$

$P_{68}^2 \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_2 = 536$

$P_{18}^6 \Rightarrow 337\cdot 338984002897\cdot c_{94},\ B_1 = 248$

$338984002897^1 \Rightarrow 2063\cdot 2879\cdot 28537,\ B_1 = 270$

$28537^2 \Rightarrow 3\cdot 37\cdot 139\cdot 52783,\ B_1 = 288$

$52783^2 \Rightarrow 3\cdot 13\cdot 613\cdot 116539,\ B_1 = 304$

$52783^4 \Rightarrow 11\ldots,\ D;\ \ q^6,\ B_3 = 307$

$28537^4 \Rightarrow 11\ldots,\ D$

$28537^6 \Rightarrow n,\ B_1 = 315;\ \ q^{10},\ B_3 = 306$

$338984002897^2 \Rightarrow 19\ldots,\ D$

$338984002897^4 \Rightarrow n,\ B_1 = 326;\ \ q^6,\ B_3 = 303$

$P_{18}^{10},\ B_2 = 358$

$97^{12} \Rightarrow 53\cdot 79\cdot 20359\cdot p_{16},\ B_1 = 62$

$p_{16}^1 \Rightarrow 11\ldots,\ D$

$p_{16}^2 \Rightarrow 43\cdot 79^2\cdot 4657\cdot 1079059\cdot P_{17},\ B_1 = 134$

$P_{17}^2 \Rightarrow 3\cdot 37\cdot 112501\cdot 796057760833\cdot P_{15},\ B_1 = 193$

$P_{15}^{2} \Rightarrow 3 \cdot 120082834831 \cdot p_{18},\ B_1 = 244$

$p_{18}^{1} \Rightarrow 19 \ldots,\ D$

$p_{18}^{2} \Rightarrow 3 \cdot 37 \cdot 217555099 \cdot P_{25},\ B_1 = 315$

$p_{18}^{4} \Rightarrow 31 \ldots,\ D$

$p_{18}^{6},\ B_3 = 318$

$P_{15}^{4} \Rightarrow 5 \ldots,\ S\ \ 3^4 \cdot 5 \cdot 13^2 \cdot 37^2 \cdot 43^2$

$P_{15}^{6} \Rightarrow 43 \cdot n,\ B_1 = 335;\ \ q^{10},\ B_3 = 308$

$P_{17}^{4} \Rightarrow 1861 \cdot 276743821 \cdot p_{56},\ B_1 = 250$

$p_{56}^{1} \Rightarrow 127 \ldots,\ D$

$p_{56}^{2} \Rightarrow n,\ B_1 = 406;\ \ q^4,\ B_2 = 440$

$P_{17}^{6} \Rightarrow n,\ B_1 = 301;\ \ q^{10},\ B_2 = 334$

$p_{16}^{4} \Rightarrow 191 \cdot 27561851 \cdot p_{54},\ B_1 = 183$

$p_{54}^{1} \Rightarrow 204340729 \cdot 459629582037 14034570937 \cdot p_{23},\ B_1 = 290$

$p_{23}^{2} \Rightarrow 3 \cdot n,\ B_1 = 336;\ \ q^4,\ B_3 = 336$

$p_{54}^{2} \Rightarrow 3 \cdot 13 \cdot n,\ B_1 = 342;\ \ q^4,\ B_2 = 431$

$p_{16}^{6} \Rightarrow 113 \cdot 91771 \cdot 7316410571849 \cdot 22709972544111878517601043 3 \cdot p_{50},\ B_1 = 283$

$p_{50}^{1} \Rightarrow 3 \cdot n,\ B_1 = 333;\ \ q^2,\ B_3 = 306$

$p_{16}^{10},\ B_2 = 318$

$97^{16} \Rightarrow p_{32},\ B_1 = 70$

$p_{32}^{1} \Rightarrow 11 \ldots,\ D$

$p_{32}^{2} \Rightarrow 31 \ldots,\ D$

$p_{32}^{4} \Rightarrow 5 \cdot 101 \cdot 325730580575591 \cdot n,\ B_1 = 308;\ \ q^6,\ B_2 = 381$

$97^{18} \Rightarrow 21433 \cdot 280314943 \cdot p_{23},\ B_1 = 91$

$p_{23}^{1} \Rightarrow 13^2 \cdot 29 \cdot 101 \cdot 151 \cdot 1109 \cdot 586297360433,\ B_1 = 134$

$586297360433^2 \Rightarrow 2089 \cdot 12475678441 \cdot 13189649827,\ B_1 = 181$

$13189649827^2 \Rightarrow 7 \ldots,\ D$

$13189649827^4 \Rightarrow 31 \ldots,\ D$

$13189649827^6 \Rightarrow 43 \cdot 663722572267282052879 21 \cdot P_{37},\ B_1 = 343$

$13189649827^{10} \Rightarrow n,\ B_1 = 363$

$13189649827^{12} \Rightarrow n,\ B_1 = 403;\ \ q^{16},\ B_2 = 323$

$586297360433^4 \Rightarrow 11 \ldots,\ D$

$586297360433^6 \Rightarrow 7 \ldots,\ D$

$586297360433^{10} \Rightarrow 67 \cdot 661 \cdot n,\ B_1 = 350$

$586297360433^{12} \Rightarrow 53 \cdot 79 \cdot n,\ B_1 = 396;\ \ q^{16},\ B_2 = 376$

$p_{23}^{2} \Rightarrow 3 \cdot 7239072467504749 \cdot p_{30},\ B_1 = 176$

$p_{30}^{1} \Rightarrow 11 \ldots,\ D$

$p_{30}^{2} \Rightarrow 7 \ldots,\ D$

$p_{30}^{4} \Rightarrow 31 \ldots,\ D;\ \ q^6,\ B_2 = 355$

$p_{23}^{4} \Rightarrow 11 \ldots,\ D$

$p_{23}^{6} \Rightarrow 7 \ldots,\ D;\ \ q^{10},\ B_2 = 459$

$97^{22} \Rightarrow 47 \cdot 10021699 \cdot 160026187716961 \cdot P_{21},\ B_1 = 123$

$P_{21}^{2} \Rightarrow 19 \ldots,\ D$

$P_{21}^{4} \Rightarrow 761 \cdot 5235661 \cdot 3904933001 \cdot 5113032581 \cdot p_{55},\ B_1 = 291$

$p_{55}^{1} \Rightarrow 7 \ldots,\ D;\ \ q^2,\ B_3 = 332$

$P_{21}^{6} \Rightarrow 29 \cdot 71 \cdot n,\ B_1 = 335;\ \ q^{10},\ B_2 = 416$

$97^{28} \Rightarrow 243311 \cdot 10566862183950258 4913 \cdot P_{31},\ B_1 = 153$

$P_{31}^{2} \Rightarrow 19 \ldots,\ D$

$P_{31}^{4} \Rightarrow 631 \cdot n,\ B_1 = 337;\ \ q^6,\ B_2 = 362$

$97^{30} \Rightarrow 894227 \cdot 5234599 \cdot P_{47},\ B_1 = 184$

$P_{47}^{2} \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_2 = 375$

$97^{36} \Rightarrow p_{72},\ B_1 = 149$

$p_{72}^{1} \Rightarrow 11 \ldots,\ D$

$p_{72}^{2} \Rightarrow 31 \ldots,\ D;\ \ q^4,\ B_2 = 572$

$97^{40} \Rightarrow 2707 \cdot 2789 \cdot 3402425968759 \cdot 1602960360968420003 51 \cdot P_{40},\ B_1 = 241$

$P_{40}^{2} \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_3 = 321$

$97^{42} \Rightarrow 297873401717 \cdot P_{72},\ B_1 = 245$

$P_{72}^{2} \Rightarrow 19\ldots,\ D;\ \ q^4,\ B_2 = 575$

$97^{46} \Rightarrow 1129 \cdot 474925389347 \cdot 1842480814797353886839 \cdot P_{56},\ B_1 = 277$

$P_{56}^{2} \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_2 = 443$

$97^{52} \Rightarrow 1340216513 \cdot 26087446402832233092 89 \cdot p_{73},\ B_1 = 243$

$p_{73}^{1} \Rightarrow 3 \cdot n,\ B_1 = 316$

$p_{73}^{2} \Rightarrow 13 \cdot n,\ B_1 = 439;\ \ q^4,\ B_2 = 582$

$97^{58} \Rightarrow 103745502061 \cdot c_{105},\ B_1 = 237$

$103745502061^{1} \Rightarrow 1627 \cdot 3739 \cdot 8527,\ B_1 = 258$

$8527^{2} \Rightarrow 3 \cdot 24239419,\ B_1 = 274$

$24239419^{2} \Rightarrow 3 \cdot 13 \cdot 6733 \cdot 38197 \cdot 58579,\ B_1 = 300$

$24239419^{4} \Rightarrow n,\ B_1 = 318;\ \ q^6,\ B_3 = 303$

$8527^{4} \Rightarrow 31\ldots,\ D$

$8527^{6} \Rightarrow 7\ldots,\ D$

$8527^{10} \Rightarrow n,\ B_1 = 329$

$8527^{12} \Rightarrow 53 \cdot n,\ B_1 = 346;\ \ q^{16},\ B_3 = 313$

$103745502061^{2} \Rightarrow 3 \cdot 73 \cdot 97 \cdot 13627 \cdot 120097 \cdot 309592399,\ B_1 = 283$

$309592399^{2} \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_3 = 300$

$103745502061^{4} \Rightarrow 11\ldots,\ D$

$103745502061^{6} \Rightarrow 127\ldots,\ D;\ \ q^{10},\ B_3 = 335$

$97^{60} \Rightarrow 3411853 \cdot 2519182007579 \cdot c_{101},\ B_1 = 257$

$P_{13}^{2} \Rightarrow 13 \cdot 165884205919 \cdot P_{13},\ B_1 = 304$

$P_{13}^{4} \Rightarrow n,\ B_1 = 331;\ \ q^6,\ B_3 = 307$

$97^{66} \Rightarrow 63290077 \cdot 5624880205033 \cdot c_{111},\ B_1 = 276$

$p_{13}^{1} \Rightarrow 97 \cdot 28994227861,\ B_1 = 297$

$28994227861^{2} \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_3 = 318$

$p_{13}^{2} \Rightarrow 3 \cdot 199 \cdot n,\ B_1 = 310;\ \ q^4,\ B_3 = 307$

$97^{70} \Rightarrow 846179 \cdot 1848983 \cdot 3155535458407 \cdot n,\ B_1 = 308$

$97^{72} \Rightarrow 28909 \cdot 65701 \cdot 541369 \cdot 2075560967 \cdot n,\ B_1 = 311;\ \ q^{78},\ B_2 = 309$

$61^{4} \Rightarrow 5 \cdot 131 \cdot 21491,\ B_1 = 23$

$21491^{2} \Rightarrow 421 \cdot 1097113,\ B_1 = 35$

$1097113^{1} \Rightarrow 548557,\ B_1 = 47$

$548557^{2} \Rightarrow 7\ldots,\ D$

$548557^{4} \Rightarrow 11\ldots,\ D$

$548557^{6} \Rightarrow 2311 \cdot 5349886613 \cdot p_{22},\ B_1 = 139$

$p_{22}^{2} \Rightarrow 19\ldots,\ D$

$p_{22}^{4} \Rightarrow 25931 \cdot 1778611 \cdot 5893108835936561 \cdot 23377869537150461 \cdot p_{43},\ B_1 = 352$

$p_{22}^{6} \Rightarrow 7\ldots,\ D$

$p_{22}^{10},\ B_2 = 426$

$548557^{10} \Rightarrow P_{58},\ B_1 = 208$

$P_{58}^{2} \Rightarrow 19\ldots,\ D$

$P_{58}^{4},\ B_2 = 459$

$548557^{12} \Rightarrow 131 \cdot 78591089781101 \cdot P_{53},\ B_1 = 238$

$P_{53}^{2} \Rightarrow 3 \cdot n,\ B_1 = 343;\ \ q^4,\ B_2 = 422$

$548557^{16} \Rightarrow 17\ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 17^2$

$548557^{18} \Rightarrow 191\ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 61^4 \cdot 131^2 \cdot 191^2 \cdot 421^2$

$548557^{22} \Rightarrow 139\ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 61^4 \cdot 131^2 \cdot 139^2$

$548557^{28},\ B_2 = 321$

$1097113^{2} \Rightarrow 3 \cdot 37 \cdot 5743 \cdot 1888171,\ B_1 = 62$

$1888171^{2} \Rightarrow 3\ldots,\ S\ \ 3^4 \cdot 5 \cdot 13^2 \cdot 37^2 \cdot 61^4$

$1888171^{4} \Rightarrow 5\ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 37 \cdot 61^4$

$1888171^{6} \Rightarrow 43\ldots,\ S\ \ 3^2 \cdot 5 \cdot 13^2 \cdot 37^2 \cdot 43^2 \cdot 61^4$

$1888171^{10} \Rightarrow 23^2\ldots,\ S\ \ 3^2 \cdot 5 \cdot 13^2 \cdot 23^2 \cdot 37^2$

9123: $1888171^{12} \Rightarrow 53\ldots,\ S\ 3^2\cdot5\cdot13^2\cdot37^2\cdot53^2\cdot61^4\cdot131^2$
9124: $1888171^{16} \Rightarrow 239\cdot346774016804819\cdot p_{84},\ B_1 = 270$
9125: $p_{84}^1 \Rightarrow 3\ldots,\ S\ 3^4\cdot5^2\cdot13^2$
9126: $p_{84}^2,\ B_3 = 351$
9127: $1888171^{18} \Rightarrow 191\cdot1597\cdot41611\cdot712373208973\cdot p_{92},\ B_1 = 300$
9128: $1888171^{22} \Rightarrow n,\ B_1 = 326;\ q^{28},\ B_2 = 351$
9130: $1097113^4 \Rightarrow 311\cdot881\cdot22511\cdot p_{15},\ B_1 = 87$
9131: $p_{15}^1 \Rightarrow 79\ldots,\ S\ 3^2\cdot5^2\cdot13^2\cdot61^4\cdot79^2\cdot131^2$
9132: $p_{15}^2 \Rightarrow 19\ldots,\ D$
9133: $p_{15}^4 \Rightarrow 5\ldots,\ S\ 3^2\cdot5^2\cdot13^2\cdot61^4\cdot131^2\cdot311^2\cdot421\cdot881^2$
9134: $p_{15}^6 \Rightarrow 2162581\cdot22830528239\cdot p_{70},\ B_1 = 262$
9135: $p_{70}^1 \Rightarrow 3^2\cdot13\ldots,\ S\ 3^4\cdot5^2\cdot13^2$
9136: $p_{70}^2,\ B_3 = 325$
9137: $p_{15}^{10} \Rightarrow 11\ldots,\ D$
9138: $p_{15}^{12},\ B_2 = 344$
9139: $1097113^6 \Rightarrow 43\cdot113\cdot1287161692889297\cdot p_{18},\ B_1 = 121$
9140: $p_{18}^1 \Rightarrow \ldots,\ S\ 3^2\cdot5^2\cdot13^2\cdot43^2\cdot61^4$
9141: $p_{18}^2 \Rightarrow 3\cdot37\ldots,\ S\ 3^2\cdot5\cdot13^2\cdot37^2\cdot43^2\cdot61^4$
9142: $p_{18}^4 \Rightarrow 11\ldots,\ D$
9143: $p_{18}^6 \Rightarrow 7\ldots,\ D$
9144: $p_{18}^{10},\ B_2 = 348$
9145: $1097113^{10} \Rightarrow 23\ldots,\ S\ 3^2\cdot5\cdot13^2\cdot23^2\cdot61^4\cdot131^2$
9146: $1097113^{12} \Rightarrow 53\cdot313\cdot8269\cdot14946002410483\cdot P_{52},\ B_1 = 243$
9147: $P_{52}^2 \Rightarrow 19\ldots,\ D$
9148: $P_{52}^4,\ B_2 = 409$
9149: $1097113^{16} \Rightarrow 17\ldots,\ S\ 3^2\cdot5\cdot13^2\cdot17^2\cdot61^4$
9150: $1097113^{18} \Rightarrow 229\cdot2243\cdot c_{104},\ B_1 = 250$
9151: $2243^2 \Rightarrow 61\cdot109\cdot757,\ B_1 = 259$
9152: $757^1 \Rightarrow \ldots,\ S\ 3^2\cdot5^2\cdot13^2\cdot61^4\cdot109^2\cdot131^2$
9153: $757^2 \Rightarrow 3\cdot13\cdot14713,\ B_1 = 267$
9154: $14713^1 \Rightarrow 7\ldots,\ D$
9155: $14713^2 \Rightarrow 19\ldots,\ D$
9156: $14713^4 \Rightarrow 1774921\cdot26403131021,\ B_1 = 302$
9157: $14713^6 \Rightarrow n,\ B_1 = 310;\ q^{10},\ B_3 = 301$
9159: $757^4 \Rightarrow 11\ldots,\ D$
9160: $757^6 \Rightarrow 7\ldots,\ D$
9161: $757^{10} \Rightarrow 89\cdot n,\ B_1 = 314$
9162: $757^{12} \Rightarrow 53\cdot79\ldots,\ S\ 3^2\cdot5\cdot13^2\cdot53^2\cdot61^4\cdot79^2\cdot109^2\cdot131^2$
9163: $757^{16},\ B_3 = 300$
9164: $2243^4 \Rightarrow p_{14},\ B_1 = 273$
9165: $p_{14}^1 \Rightarrow \ldots,\ S\ 3^2\cdot5^2\cdot13^2\cdot61^4\cdot131^2\cdot229^2\cdot421^2$
9166: $p_{14}^2 \Rightarrow 7\ldots,\ D$
9167: $p_{14}^4,\ B_3 = 310$
9168: $2243^6 \Rightarrow 4817\cdot6791\cdot P_{13},\ B_1 = 302$
9169: $2243^{10} \Rightarrow 23\ldots,\ S\ 3^2\cdot5\cdot13^2\cdot23^2\cdot61^4\cdot131^2$
9170: $2243^{12} \Rightarrow n,\ B_1 = 324$
9171: $2243^{16} \Rightarrow n,\ B_1 = 350;\ q^{18},\ B_3 = 304$
9173: $1097113^{22} \Rightarrow 139\cdot39791\cdot c_{127},\ B_1 = 299$
9174: $39791^2 \Rightarrow n,\ B_1 = 308;\ q^4,\ B_3 = 308$
9176: $1097113^{28},\ B_2 = 338$
9177: $21491^4 \Rightarrow 31\ldots,\ D$
9178: $21491^6 \Rightarrow 7\ldots,\ D$
9179: $21491^{10} \Rightarrow 23\ldots,\ S\ 3^2\cdot5\cdot13^2\cdot23^2\cdot61^4\cdot131^2$
9180: $21491^{12} \Rightarrow 8581\cdot5781439\cdot P_{42},\ B_1 = 167$

9181: $P_{42}^2 \Rightarrow 19\ldots,\ D$

9182: $P_{42}^4,\ B_2 = 330$

9183: $21491^{16} \Rightarrow 137\cdot 1361\cdot 380461\cdot 5609838841\cdot 1984523607510683\cdot P_{34},\ B_1 = 214$

9184: $P_{34}^2 \Rightarrow 463\cdot 2096942671\cdot 116687577945077875357 4983\cdot P_{31},\ B_1 = 347$

9185: $P_{34}^4 \Rightarrow n,\ B_1 = 414;\ \ q^6,\ B_2 = 401$

9187: $21491^{18} \Rightarrow 1217\cdot 196879\cdot 62640037\cdot$
$10543542704374903\cdot 283355944507855047853\cdot p_{26},\ B_1 = 224$

9188: $p_{26}^1 \Rightarrow 3\cdot 2179\cdot 755863\cdot p_{16},\ B_1 = 273$

9189: $p_{16}^2 \Rightarrow 127\ldots,\ D$

9190: $p_{16}^4,\ B_3 = 304$

9191: $p_{26}^2 \Rightarrow P_{51},\ B_1 = 330$

9192: $p_{26}^4 \Rightarrow 5\cdot 421\cdot 601\cdot n,\ B_1 = 386;\ \ q^6,\ B_3 = 330$

9194: $21491^{22} \Rightarrow 47\cdot 3313\cdot 224979818153\cdot$
$17425680902813039\cdot 2082875484094726046 87\cdot P_{43},\ B_1 = 290$

9195: $P_{43}^2 \Rightarrow 3\cdot 181\cdot n,\ B_1 = 376;\ \ q^4,\ B_3 = 374$

9197: $21491^{28} \Rightarrow 59\cdot 4353510938419\cdot 16261581198166398598505 11\cdot P_{83},\ B_1 = 379$

9198: $21491^{30} \Rightarrow 311\cdot 2357\cdot 47367629\cdot P_{117},\ B_1 = 398;\ \ q^{36},\ B_2 = 311$

9200: $61^6 \Rightarrow 52379047267,\ B_1 = 35$

9201: $52379047267^2 \Rightarrow 3\cdot 6619231\cdot p_{15},\ B_1 = 63$

9202: $p_{15}^1 \Rightarrow 5^3\cdot 53\cdot 61\ldots,\ S\ \ 3^2\cdot 5^4\cdot 13^2\cdot 53^2\cdot 61^6$

9203: $p_{15}^2 \Rightarrow 3\cdot 67\cdot 16603\cdot 10822630597\cdot 528515019661,\ B_1 = 122$

9204: $528515019661^1 \Rightarrow 7\ldots,\ D$

9205: $528515019661^2 \Rightarrow 3\cdot 6102253\cdot 27763969\cdot 549568273,\ B_1 = 169$

9206: $549568273^1 \Rightarrow 19\ldots,\ D$

9207: $549568273^2 \Rightarrow 7\ldots,\ D$

9208: $549568273^4 \Rightarrow 61\cdot 1653392444467271\cdot P_{18},\ B_1 = 253$

9209: $P_{18}^2 \Rightarrow 7\ldots,\ D$

9210: $P_{18}^4 \Rightarrow 11\ldots,\ D$

9211: $P_{18}^6,\ B_3 = 325$

9212: $549568273^6 \Rightarrow 239\cdot 9283\cdot 8627893\cdot 7415508040487\cdot p_{27},\ B_1 = 293$

9213: $p_{27}^1 \Rightarrow 5\ldots,\ S\ \ 3^4\cdot 5^2\cdot 13^2$

9214: $p_{27}^2,\ B_3 = 309$

9215: $549568273^{10} \Rightarrow 11\ldots,\ D$

9216: $549568273^{12} \Rightarrow n,\ B_1 = 362$

9217: $549568273^{16} \Rightarrow 137\cdot 613\cdot n,\ B_1 = 436;\ \ q^{18},\ B_2 = 314$

9219: $528515019661^4 \Rightarrow 5\ldots,\ S\ \ 3^4\cdot 5\cdot 13^2\cdot 61^6\cdot 67^2$

9220: $528515019661^6 \Rightarrow 631\cdot 45242484023957765021984903946 8623\cdot P_{35},\ B_1 = 311$

9221: $528515019661^{10} \Rightarrow n,\ B_1 = 334$

9222: $528515019661^{12} \Rightarrow n,\ B_1 = 381;\ \ q^{16},\ B_2 = 375$

9224: $p_{15}^4 \Rightarrow 491\cdot 911\cdot 1061\cdot p_{48},\ B_1 = 170$

9225: $p_{48}^1 \Rightarrow P_{48},\ B_1 = 265$

9226: $P_{48}^2 \Rightarrow 3\cdot 37\cdot 571\cdot n,\ B_1 = 365;\ \ q^4,\ B_2 = 380$

9228: $p_{48}^2 \Rightarrow 3\cdot n,\ B_1 = 311;\ \ q^4,\ B_2 = 383$

9230: $p_{15}^6 \Rightarrow 43\cdot p_{84},\ B_1 = 220$

9231: $p_{84}^1 \Rightarrow 71\cdot 181\cdot n,\ B_1 = 307;\ \ q^2,\ B_2 = 332$

9233: $p_{15}^{10} \Rightarrow 23\cdot n,\ B_1 = 333;\ \ q^{12},\ B_2 = 339$

9235: $52379047267^4 \Rightarrow 297134095231\cdot P_{32},\ B_1 = 142$

9236: $P_{32}^2 \Rightarrow 1241269\cdot 57151247136601\cdot 3737602646420686 15009\cdot p_{23},\ B_1 = 245$

9237: $p_{23}^1 \Rightarrow 4229\cdot 1249511\cdot p_{13},\ B_1 = 289$

9238: $p_{13}^2 \Rightarrow 31\ldots,\ D;\ \ q^4,\ B_3 = 314$

9240: $p_{23}^2 \Rightarrow 19\ldots,\ D$

9241: $p_{23}^4 \Rightarrow n,\ B_1 = 381;\ \ q^6,\ B_3 = 337$

9243: $P_{32}^4 \Rightarrow 5\cdot 761\cdot n,\ B_1 = 331;\ \ q^6,\ B_2 = 376$

9245: $52379047267^6 \Rightarrow 7\ldots,\ D$

9246: $52379047267^{10} \Rightarrow 23 \cdot 67 \cdot 24509 \cdot 2898485987 \cdot c_{91},\ B_1 = 240$
9247: $2898485987^2 \Rightarrow p_{19},\ B_1 = 264$
9248: $p_{19}^1 \Rightarrow 14252401 \cdot 294730025479,\ B_1 = 301$
9249: $p_{19}^2 \Rightarrow 3 \cdot 307 \cdot n,\ B_1 = 318;\ q^4,\ B_3 = 316$
9251: $2898485987^4 \Rightarrow 761 \cdot n,\ B_1 = 300$
9252: $2898485987^6 \Rightarrow n,\ B_1 = 335;\ q^{10},\ B_3 = 316$
9254: $52379047267^{12} \Rightarrow 13 \cdot 131 \cdot 578267 \cdot c_{120},\ B_1 = 276$
9255: $578267^2 \Rightarrow 7 \ldots,\ D$
9256: $578267^4 \Rightarrow n,\ B_1 = 311$
9257: $578267^6 \Rightarrow 29 \cdot n,\ B_1 = 335;\ q^{10},\ B_3 = 322$
9259: $52379047267^{16},\ B_2 = 343$
9260: $61^{10} \Rightarrow 199 \cdot 859 \cdot P_{13},\ B_1 = 56$
9261: $P_{13}^2 \Rightarrow 19 \ldots,\ D$
9262: $P_{13}^4 \Rightarrow 5 \cdot 151 \cdot 761 \cdot 37571 \cdot p_{41},\ B_1 = 142$
9263: $p_{41}^1 \Rightarrow 3 \cdot 17 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 17^2$
9264: $p_{41}^2 \Rightarrow 60738467691572516756 23 \cdot$
$1598042049061666900326500 23 \cdot P_{33},\ B_1 = 340;\ q^4,\ B_2 = 321$
9266: $P_{13}^6 \Rightarrow 113 \cdot 1226471 \cdot 540182975854536 9913 \cdot P_{49},\ B_1 = 240$
9267: $P_{49}^2 \Rightarrow 3 \cdot n,\ B_1 = 337;\ q^4,\ B_2 = 391$
9269: $P_{13}^{10} \Rightarrow 11 \ldots,\ D;\ q^{12},\ B_2 = 303$
9271: $61^{12} \Rightarrow 187123 \cdot P_{17},\ B_1 = 67$
9272: $P_{17}^2 \Rightarrow 3 \cdot 73 \cdot 367 \cdot 1133191 \cdot P_{22},\ B_1 = 129$
9273: $P_{22}^2 \Rightarrow 19 \ldots,\ D$
9274: $P_{22}^4 \Rightarrow 5 \cdot p_{85},\ B_1 = 260$
9275: $p_{85}^1 \Rightarrow \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 61^{12} \cdot 73^2 \cdot 367^2$
9276: $p_{85}^2,\ B_3 = 342$
9277: $P_{22}^6 \Rightarrow 113^2 \cdot n,\ B_1 = 342;\ q^{10},\ B_2 = 427$
9279: $P_{17}^4 \Rightarrow 11 \ldots,\ D$
9280: $P_{17}^6 \Rightarrow 113 \cdot 197 \cdot 752957793673 \cdot c_{81},\ B_1 = 233$
9281: $752957793673^1 \Rightarrow 17 \cdot 3697 \cdot 5990213,\ B_1 = 256$
9282: $5990213^2 \Rightarrow 19 \ldots,\ D$
9283: $5990213^4 \Rightarrow 11 \ldots,\ D$
9284: $5990213^6 \Rightarrow 127 \ldots,\ D;\ q^{10},\ B_3 = 310$
9286: $752957793673^2 \Rightarrow 3 \cdot p_{24},\ B_1 = 268$
9287: $p_{24}^1 \Rightarrow 47 \cdot 301789 \cdot 304757 \cdot 21859240171,\ B_1 = 314$
9288: $p_{24}^2 \Rightarrow 19 \ldots,\ D;\ q^4,\ B_3 = 336$
9290: $752957793673^4 \Rightarrow n,\ B_1 = 314$
9291: $752957793673^6 \Rightarrow 7 \ldots,\ D;\ q^{10},\ B_3 = 338$
9293: $P_{17}^{10},\ B_2 = 323$
9294: $61^{16} \Rightarrow 103 \cdot P_{27},\ B_1 = 88$
9295: $P_{27}^2 \Rightarrow 13 \cdot 27397 \cdot 412621813 \cdot p_{39},\ B_1 = 153$
9296: $p_{39}^1 \Rightarrow 7883 \cdot 13121 \cdot 22441 \cdot p_{27},\ B_1 = 231$
9297: $p_{27}^2 \Rightarrow 3 \cdot 139 \cdot 111109 \cdot 5221123 \cdot 4103358316718614771 \cdot P_{20},\ B_1 = 335$
9298: $p_{27}^4 \Rightarrow n,\ B_1 = 388;\ q^6,\ B_3 = 336$
9300: $p_{39}^2 \Rightarrow 31 \ldots,\ D;\ q^4,\ B_2 = 311$
9302: $P_{27}^4 \Rightarrow 591111296423171 \cdot c_{92},\ B_1 = 263$
9303: $P_{15}^2 \Rightarrow 823 \cdot 32399701 \cdot P_{20},\ B_1 = 314$
9304: $P_{15}^4 \Rightarrow 5 \cdot 61 \cdot 71 \cdot 191 \cdot 821 \cdot n,\ B_1 = 354;\ q^6,\ B_3 = 322$
9306: $P_{27}^6,\ B_2 = 318$
9307: $61^{18} \Rightarrow 229 \cdot P_{30},\ B_1 = 97$
9308: $P_{30}^2 \Rightarrow 3 \cdot 97 \cdot 1063 \cdot 60091 \cdot 76469299 \cdot 44562864398954114497 \cdot p_{22},\ B_1 = 196$
9309: $p_{22}^1 \Rightarrow 53 \cdot 2017 \cdot 45673 \cdot 595927010333,\ B_1 = 238$
9310: $595927010333^2 \Rightarrow 7 \ldots,\ D$
9311: $595927010333^4 \Rightarrow n,\ B_1 = 309$

$595927010333^{6} \Rightarrow 29 \cdot n,\ B_1 = 358;\ \ q^{10},\ B_3 = 333$

$p_{22}^{2} \Rightarrow 3 \cdot 37 \cdot 433 \cdot 1483 \cdot 9259412389567939 \cdot p_{20},\ B_1 = 285$

$p_{20}^{1} \Rightarrow 11 \ldots,\ D$

$p_{20}^{2} \Rightarrow 3 \cdot n,\ B_1 = 324;\ \ q^{4},\ B_3 = 324$

$p_{22}^{4} \Rightarrow 71 \cdot n,\ B_1 = 330$

$p_{22}^{6} \Rightarrow 29 \cdot 43 \cdot n,\ B_1 = 418;\ \ q^{10},\ B_2 = 435$

$P_{30}^{4} \Rightarrow 5 \cdot p_{119},\ B_1 = 279$

$p_{119}^{1} \Rightarrow 7 \ldots,\ D$

$p_{119}^{2},\ B_2 = 473$

$P_{30}^{6},\ B_2 = 357$

$61^{22} \Rightarrow 47 \cdot p_{38},\ B_1 = 83$

$p_{38}^{1} \Rightarrow 5^{2} \ldots,\ S\ \ 3^{2} \cdot 5^{2} \cdot 13^{2} \cdot 47^{2} \cdot 61^{22}$

$p_{38}^{2} \Rightarrow 3 \cdot 61 \cdot 15217 \cdot p_{69},\ B_1 = 198$

$p_{69}^{1} \Rightarrow 47 \cdot 359759074524177771 \cdot p_{51},\ B_1 = 331$

$p_{69}^{2} \Rightarrow 7 \ldots,\ D;\ \ q^{4},\ B_2 = 550$

$p_{38}^{4},\ B_2 = 300$

$61^{28} \Rightarrow 12703 \cdot 37991 \cdot 59503651 \cdot 129924628343 \cdot p_{23},\ B_1 = 130$

$p_{23}^{1} \Rightarrow 3 \cdot 6733 \cdot 18451 \cdot 22571 \cdot 1580015219,\ B_1 = 174$

$1580015219^{2} \Rightarrow 13 \cdot p_{18},\ B_1 = 208$

$p_{18}^{2} \Rightarrow 3 \cdot 6571 \cdot 613388130561469 \cdot P_{16},\ B_1 = 277$

$P_{16}^{2} \Rightarrow 19 \ldots,\ D$

$P_{16}^{4},\ B_3 = 308$

$p_{18}^{4} \Rightarrow 11 \ldots,\ D$

$p_{18}^{6} \Rightarrow 71 \cdot n,\ B_1 = 383;\ \ q^{10},\ B_3 = 346$

$1580015219^{4} \Rightarrow 76801 \cdot p_{32},\ B_1 = 266$

$p_{32}^{2} \Rightarrow 7 \ldots,\ D;\ \ q^{4},\ B_3 = 329$

$1580015219^{6} \Rightarrow 883 \cdot P_{53},\ B_1 = 321$

$1580015219^{10} \Rightarrow n,\ B_1 = 339$

$1580015219^{12} \Rightarrow n,\ B_1 = 376;\ \ q^{16},\ B_3 = 302$

$p_{23}^{2} \Rightarrow 7 \ldots,\ D$

$p_{23}^{4} \Rightarrow 5 \cdot 15423345881 \cdot c_{79},\ B_1 = 288$

$15423345881^{1} \Rightarrow 7 \ldots,\ D$

$15423345881^{2} \Rightarrow 19 \ldots,\ D$

$15423345881^{4},\ B_3 = 318$

$p_{23}^{6} \Rightarrow 379 \cdot n,\ B_1 = 379;\ \ q^{10},\ B_2 = 448$

$61^{30} \Rightarrow 1489 \cdot P_{51},\ B_1 = 160$

$P_{51}^{2} \Rightarrow 3 \cdot 11373751 \cdot 2048215633 \cdot c_{84},\ B_1 = 271$

$2048215633^{1} \Rightarrow 53 \cdot 19322789,\ B_1 = 289$

$19322789^{2} \Rightarrow 577 \cdot n,\ B_1 = 306;\ \ q^{4},\ B_3 = 303$

$2048215633^{2} \Rightarrow 127 \ldots,\ D$

$2048215633^{4} \Rightarrow n,\ B_1 = 333;\ \ q^{6},\ B_3 = 314$

$P_{51}^{4},\ B_2 = 403$

$61^{36} \Rightarrow p_{65},\ B_1 = 131$

$p_{65}^{1} \Rightarrow 5987 \cdot 45139 \cdot 296929 \cdot P_{51},\ B_1 = 259$

$P_{51}^{2} \Rightarrow 19 \ldots,\ D;\ \ q^{4},\ B_2 = 400$

$p_{65}^{2} \Rightarrow 3 \cdot n,\ B_1 = 324;\ \ q^{4},\ B_2 = 514$

$61^{40} \Rightarrow 83 \cdot 5413 \cdot 26873095187 \cdot p_{56},\ B_1 = 162$

$p_{56}^{1} \Rightarrow 3^{2} \cdot 113 \cdot 331 \cdot 215689 \cdot 94301495279 \cdot P_{34},\ B_1 = 271$

$P_{34}^{2} \Rightarrow 13 \cdot n,\ B_1 = 336;\ \ q^{4},\ B_3 = 337$

$p_{56}^{2} \Rightarrow n,\ B_1 = 324;\ \ q^{4},\ B_2 = 442$

$61^{42} \Rightarrow 59567070005385710841066913637 03 \cdot p_{45},\ B_1 = 183$

$p_{45}^{1} \Rightarrow 3 \cdot 2488067 \cdot p_{38},\ B_1 = 270$

$p_{38}^{2} \Rightarrow 7 \ldots,\ D;\ \ q^{4},\ B_3 = 344$

$p_{45}^{2} \Rightarrow 7 \ldots,\ D;\ \ q^{4},\ B_2 = 353$

9382: $61^{46} \Rightarrow 283 \cdot 2442779 \cdot 457804159 \cdot 1499262849817994675198677771 \cdot P_{38},\ B_1 = 249$
9383: $P_{38}^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_3 = 324$
9385: $61^{52} \Rightarrow 107 \cdot 2333 \cdot P_{88},\ B_1 = 278$
9386: $P_{88}^2,\ B_2 = 349$
9387: $61^{58} \Rightarrow 1181 \cdot 401909 \cdot 1657268111 \cdot p_{86},\ B_1 = 228$
9388: $p_{86}^1 \Rightarrow 13 \cdot n,\ B_1 = 312;\ \ q^2,\ B_2 = 342$
9390: $61^{60} \Rightarrow 977 \cdot 3436258722436323120 73 \cdot c_{84},\ B_1 = 220$
9391: $p_{21}^1 \Rightarrow 13 \cdot 101 \cdot 12369869 \cdot 10578547321,\ B_1 = 258$
9392: $10578547321^2 \Rightarrow 3 \cdot 79 \cdot P_{18},\ B_1 = 297$
9393: $P_{18}^2 \Rightarrow 3 \cdot 157 \cdot n,\ B_1 = 335;\ \ q^4,\ B_3 = 333$
9395: $10578547321^4 \Rightarrow 5 \cdot n,\ B_1 = 319$
9396: $10578547321^6 \Rightarrow 29 \cdot n,\ B_1 = 360;\ \ q^{10},\ B_3 = 338$
9398: $p_{21}^2 \Rightarrow 3 \cdot 5119 \cdot 91303 \cdot 363554689681 \cdot p_{21},\ B_1 = 301$
9399: $p_{21}^4 \Rightarrow 11 \ldots,\ D;\ \ q^6,\ B_3 = 320$
9401: $61^{66} \Rightarrow 269 \cdot c_{116},\ B_1 = 238$
9402: $269^1 \Rightarrow 3^3 \cdot 5,\ S\ \ 3^4 \cdot 5^2 \cdot 13^2$
9403: $269^2 \Rightarrow 13 \cdot 37 \cdot 151,\ B_1 = 247$
9404: $151^2 \Rightarrow 7 \ldots,\ D$
9405: $151^4 \Rightarrow 5 \cdot 104670301,\ B_1 = 262$
9406: $104670301^1 \Rightarrow 11 \ldots,\ D$
9407: $104670301^2 \Rightarrow 3 \cdot 1549 \cdot p_{13},\ B_1 = 289$
9408: $p_{13}^1 \Rightarrow 5^2 \ldots,\ S\ \ 3^2 \cdot 5^4 \cdot 13^2 \cdot 37^2$
9409: $p_{13}^2 \Rightarrow 7 \ldots,\ D$
9410: $p_{13}^4,\ B_3 = 323$
9411: $104670301^4 \Rightarrow 5 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 37 \cdot 61^{66}$
9412: $104670301^6,\ B_3 = 301$
9413: $151^6 \Rightarrow 1499 \cdot 7960598843,\ B_1 = 282$
9414: $7960598843^2 \Rightarrow n,\ B_1 = 301;\ \ q^4,\ B_3 = 301$
9416: $151^{10} \Rightarrow 23 \cdot 14864609 \cdot P_{14},\ B_1 = 302$
9417: $151^{12} \Rightarrow p_{27},\ B_1 = 296$
9418: $p_{27}^1 \Rightarrow n,\ B_1 = 322;\ \ q^2,\ B_3 = 321$
9420: $151^{16} \Rightarrow n,\ B_1 = 312$
9421: $151^{18} \Rightarrow n,\ B_1 = 321$
9422: $151^{22} \Rightarrow 599 \cdot n,\ B_1 = 341;\ \ q^{28},\ B_3 = 303$
9424: $269^4 \Rightarrow 11 \ldots,\ D$
9425: $269^6 \Rightarrow 43 \cdot 211 \cdot 631 \cdot 2633 \cdot 25229,\ B_1 = 275$
9426: $25229^1 \Rightarrow 3 \cdot 5 \cdot 29^2,\ S\ \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 29^2$
9427: $25229^2 \Rightarrow 13 \cdot 67 \cdot 733 \cdot 997,\ B_1 = 292$
9428: $997^1 \Rightarrow 499,\ B_1 = 297$
9429: $499^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_3 = 303$
9431: $997^2 \Rightarrow 31 \ldots,\ D$
9432: $997^4 \Rightarrow n,\ B_1 = 310;\ \ q^6,\ B_3 = 304$
9434: $25229^4 \Rightarrow n,\ B_1 = 303$
9435: $25229^6 \Rightarrow 7 \ldots,\ D;\ \ q^{10},\ B_3 = 311$
9437: $269^{10} \Rightarrow 23 \cdot 89 \cdot 859 \cdot P_{19},\ B_1 = 307$
9438: $269^{12} \Rightarrow 2003 \cdot 46567 \cdot p_{22},\ B_1 = 302$
9439: $269^{16} \Rightarrow 307 \cdot n,\ B_1 = 316$
9440: $269^{18} \Rightarrow n,\ B_1 = 323$
9441: $269^{22} \Rightarrow 47 \cdot n,\ B_1 = 345;\ \ q^{28},\ B_3 = 304$
9443: $61^{70} \Rightarrow 2557 \cdot c_{122},\ B_1 = 253$
9444: $2557^1 \Rightarrow 1279,\ B_1 = 259$
9445: $1279^2 \Rightarrow 3 \cdot 229 \cdot 2383,\ B_1 = 270$
9446: $2383^2 \Rightarrow 3 \cdot 151 \cdot 12541,\ B_1 = 284$
9447: $12541^2 \Rightarrow 7 \ldots,\ D$

9448: $12541^{4} \Rightarrow 5\ldots,\ S\ 3^4\cdot 5^2\cdot 13^2$
9449: $12541^{6},\ B_3 = 300$
9450: $2383^{4} \Rightarrow p_{14},\ B_1 = 304$
9451: $2383^{6} \Rightarrow n,\ B_1 = 304$
9452: $2383^{10} \Rightarrow n,\ B_1 = 331;\ \ q^{12},\ B_3 = 304$
9454: $1279^{4} \Rightarrow 11\ldots,\ D$
9455: $1279^{6} \Rightarrow 56701\cdot 3745631\cdot 20627531,\ B_1 = 309$
9456: $1279^{10} \Rightarrow n,\ B_1 = 315$
9457: $1279^{12} \Rightarrow 313\cdot n,\ B_1 = 330;\ \ q^{16},\ B_3 = 302$
9459: $2557^{2} \Rightarrow 19\ldots,\ D$
9460: $2557^{4} \Rightarrow 11\ldots,\ D$
9461: $2557^{6} \Rightarrow 743\cdot 112210253\cdot 3353767033,\ B_1 = 301$
9462: $2557^{10} \Rightarrow 23\cdot n,\ B_1 = 319$
9463: $2557^{12} \Rightarrow 53\cdot n,\ B_1 = 331;\ \ q^{16},\ B_3 = 304$
9465: $61^{72} \Rightarrow 439\cdot 19383983\cdot 6411622121\cdot 6428420305030484711\cdot$
$2518324328654963231 3\cdot 8373573793950147412813487438357\cdot P_{40},\ B_1 = 357$
9466: $61^{78} \Rightarrow 15643\cdot 8038457360813405941\cdot c_{117},\ B_1 = 285$
9467: $p_{19}^{1} \Rightarrow 13\cdot 109\cdot n,\ B_1 = 305;\ \ q^{2},\ B_3 = 304$
9469: $61^{82} \Rightarrow 167\cdot 19728889490753\cdot c_{131},\ B_1 = 298$
9470: $p_{14}^{1} \Rightarrow 3^2\cdot n,\ B_1 = 311;\ \ q^{2},\ B_3 = 311$
9472: $61^{88},\ B_2 = 314$
9473: $13^{4} \Rightarrow 30941,\ B_1 = 8$
9474: $30941^{1} \Rightarrow 3^4\cdot 191,\ B_1 = 15$
9475: $191^{2} \Rightarrow 7\ldots,\ D$
9476: $191^{4} \Rightarrow 11\ldots,\ D$
9477: $191^{6} \Rightarrow 127\ldots,\ D$
9478: $191^{10} \Rightarrow 34179328063\cdot P_{13},\ B_1 = 79$
9479: $P_{13}^{2} \Rightarrow 7\ldots,\ D$
9480: $P_{13}^{4} \Rightarrow 31\ldots,\ D$
9481: $P_{13}^{6} \Rightarrow 43\cdot P_{73},\ B_1 = 275$
9482: $P_{73}^{2} \Rightarrow 3\cdot n,\ B_1 = 420;\ \ q^{4},\ B_2 = 576$
9484: $P_{13}^{10} \Rightarrow 11\ldots,\ D$
9485: $P_{13}^{12} \Rightarrow 13\cdot n,\ B_1 = 348;\ \ q^{16},\ B_2 = 392$
9487: $191^{12} \Rightarrow 131\cdot 1483\cdot 9049\cdot 92041\cdot 301627\cdot 48552947,\ B_1 = 92$
9488: $48552947^{2} \Rightarrow 7\ldots,\ D$
9489: $48552947^{4} \Rightarrow 11\ldots,\ D$
9490: $48552947^{6} \Rightarrow 29\cdot 631\cdot P_{42},\ B_1 = 215$
9491: $P_{42}^{2} \Rightarrow 31\ldots,\ D;\ \ q^{4},\ B_2 = 334$
9493: $48552947^{10} \Rightarrow 23\cdot 19163\cdot 7998827\cdot 36314543\cdot p_{57},\ B_1 = 308$
9494: $48552947^{12} \Rightarrow 13\cdot 79\cdot 677\cdot P_{87},\ B_1 = 352$
9495: $48552947^{16} \Rightarrow n,\ B_1 = 323$
9496: $48552947^{18} \Rightarrow n,\ B_1 = 354;\ \ q^{22},\ B_2 = 338$
9498: $191^{16} \Rightarrow p_{37},\ B_1 = 120$
9499: $p_{37}^{2} \Rightarrow 3\cdot 157\cdot 12097\cdot p_{67},\ B_1 = 266$
9500: $p_{67}^{2} \Rightarrow 3\cdot 13\cdot 619\cdot n,\ B_1 = 400;\ \ q^{4},\ B_2 = 529$
9502: $p_{37}^{4} \Rightarrow 11\ldots,\ D;\ \ q^{6},\ B_2 = 437$
9504: $191^{18} \Rightarrow 19\ldots,\ D$
9505: $191^{22} \Rightarrow 47\cdot 139\cdot 41615143\cdot 65741959\cdot 12070833277819\cdot P_{18},\ B_1 = 161$
9506: $P_{18}^{2} \Rightarrow 13\cdot 3176531545267\cdot P_{23},\ B_1 = 230$
9507: $P_{23}^{2} \Rightarrow 7\ldots,\ D$
9508: $P_{23}^{4} \Rightarrow 11\ldots,\ D;\ \ q^{6},\ B_3 = 318$
9510: $P_{18}^{4} \Rightarrow 11\ldots,\ D$
9511: $P_{18}^{6} \Rightarrow 43\cdot n,\ B_1 = 341;\ \ q^{10},\ B_2 = 357$
9513: $191^{28} \Rightarrow 523\cdot 1145849\cdot 7498509527\cdot 238463492857\cdot p_{34},\ B_1 = 202$

$p_{34}^2 \Rightarrow 7\ldots,\ D$

$p_{34}^4 \Rightarrow n,\ B_1 = 405;\ q^6,\ B_2 = 406$

$191^{30} \Rightarrow 62683 \cdot 85103272256409 25409 \cdot P_{45},\ B_1 = 216$

$P_{45}^2 \Rightarrow 13 \cdot n,\ B_1 = 304;\ q^4,\ B_2 = 357$

$191^{36} \Rightarrow 1259 \cdot 425279 \cdot 161799151 \cdot 615122411 \cdot p_{57},\ B_1 = 257$

$p_{57}^2 \Rightarrow 7\ldots,\ D;\ q^4,\ B_2 = 451$

$191^{40} \Rightarrow 83 \cdot 739 \cdot 16319 \cdot 11252533 \cdot 1829923481 \cdot 15797566009 \cdot P_{56},\ B_1 = 284$

$P_{56}^2 \Rightarrow 37 \cdot 643 \cdot 991 \cdot n,\ B_1 = 403;\ q^4,\ B_2 = 445$

$191^{42} \Rightarrow c_{96},\ B_{30} = 287$ *see text*

$191^{46} \Rightarrow c_{105},\ B_{30} = 314$ *see text*

$191^{52} \Rightarrow 1697 \cdot 25229 \cdot 3941175363085166419 \cdot P_{93},\ B_1 = 366$

$191^{58} \Rightarrow 827 \cdot 1821331 \cdot 26452054691 \cdot 19001095030935551 \cdot 30610084902245143 \cdot n,\ B_1 = 327$

$191^{60} \Rightarrow 127247 \cdot P_{132},\ B_1 = 421;\ q^{66},\ B_2 = 301$

$30941^2 \Rightarrow 157 \cdot 433 \cdot 14083,\ B_1 = 28$

$14083^2 \Rightarrow 3 \cdot 4591 \cdot 14401,\ B_1 = 43$

$14401^1 \Rightarrow 19\ldots,\ D$

$14401^2 \Rightarrow 7\ldots,\ D$

$14401^4 \Rightarrow 5 \cdot 41 \cdot 93871 \cdot 2235195191,\ B_1 = 86$

$2235195191^2 \Rightarrow 223 \cdot 144967 \cdot 154545688753,\ B_1 = 115$

$154545688753^1 \Rightarrow \ldots,\ S\ 3^2 \cdot 5^2 \cdot 13^4 \cdot 41^2 \cdot 157^2$

$154545688753^2 \Rightarrow 19\ldots,\ D$

$154545688753^4 \Rightarrow 11\ldots,\ D$

$154545688753^6 \Rightarrow 127\ldots,\ D$

$154545688753^{10} \Rightarrow n,\ B_1 = 325$

$154545688753^{12} \Rightarrow 13 \cdot n,\ B_1 = 369;\ q^{16},\ B_2 = 358$

$2235195191^4 \Rightarrow 11\ldots,\ D$

$2235195191^6 \Rightarrow 29\ldots,\ S\ 3^2 \cdot 5 \cdot 13^4 \cdot 29^2 \cdot 41^2 \cdot 157^2$

$2235195191^{10} \Rightarrow 146051984189 \cdot p_{83},\ B_1 = 269$

$p_{83}^1 \Rightarrow 19\ldots,\ D$

$p_{83}^2,\ B_3 = 340$

$2235195191^{12} \Rightarrow 599 \cdot 3251 \cdot p_{106},\ B_1 = 301$

$2235195191^{16} \Rightarrow 17\ldots,\ S\ 3^2 \cdot 5 \cdot 13^4 \cdot 17^2 \cdot 41^2$

$2235195191^{18},\ B_2 = 336$

$14401^6 \Rightarrow 6343 \cdot 34721 \cdot 47462563 \cdot 853390763,\ B_1 = 109$

$853390763^2 \Rightarrow 1531 \cdot P_{15},\ B_1 = 145$

$P_{15}^2 \Rightarrow 7\ldots,\ D$

$P_{15}^4 \Rightarrow 8111 \cdot 30071 \cdot 1010981 \cdot 8045221 \cdot p_{38},\ B_1 = 259$

$p_{38}^1 \Rightarrow 23 \cdot 2544698614445093 \cdot P_{21},\ B_1 = 333$

$p_{38}^2 \Rightarrow 3 \cdot 877 \cdot n,\ B_1 = 367;\ q^4,\ B_3 = 364$

$P_{15}^6 \Rightarrow 2003 \cdot 3370875860633 \cdot P_{73},\ B_1 = 372$

$P_{15}^{10} \Rightarrow 23 \cdot n,\ B_1 = 411;\ q^{12},\ B_2 = 352$

$853390763^4 \Rightarrow 11\ldots,\ D$

$853390763^6 \Rightarrow 7\ldots,\ D$

$853390763^{10} \Rightarrow 331 \cdot 877398919 \cdot 363063988082203 \cdot 192767758756217503 \cdot p_{47},\ B_1 = 318$

$853390763^{12} \Rightarrow 911 \cdot n,\ B_1 = 309$

$853390763^{16} \Rightarrow n,\ B_1 = 377;\ q^{18},\ B_2 = 321$

$14401^{10} \Rightarrow 23^2 \cdot 1871 \cdot 3499 \cdot 3917 \cdot 340583 \cdot p_{23},\ B_1 = 138$

$p_{23}^1 \Rightarrow 59 \cdot 4113098237 \cdot 171102215257,\ B_1 = 184$

$171102215257^2 \Rightarrow 19\ldots,\ D$

$171102215257^4 \Rightarrow 48963701 \cdot p_{38},\ B_1 = 296$

$p_{38}^2 \Rightarrow 7\ldots,\ D;\ q^4,\ B_3 = 370$

$171102215257^6 \Rightarrow 7\ldots,\ D$

$171102215257^{10} \Rightarrow n,\ B_1 = 386$

$171102215257^{12} \Rightarrow n,\ B_1 = 431;\ q^{16},\ B_2 = 359$

$p_{23}^2 \Rightarrow 3 \cdot 486223 \cdot 846434443 \cdot 11628488236969 \cdot p_{18},\ B_1 = 234$

$p_{18}^1 \Rightarrow 19 \ldots,\ D$

$p_{18}^2 \Rightarrow 3 \cdot 542723149 \cdot p_{27},\ B_1 = 297$

$p_{27}^1 \Rightarrow 5 \cdot 13 \ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 13^4$

$p_{27}^2,\ B_3 = 310$

$p_{18}^4 \Rightarrow 11 \ldots,\ D$

$p_{18}^6,\ B_3 = 310$

$p_{23}^4 \Rightarrow 5 \cdot 13998333191 \cdot P_{81},\ B_1 = 387$

$p_{23}^6 \Rightarrow 29 \cdot 71 \cdot n,\ B_1 = 390;\ \ q^{10},\ B_2 = 458$

$14401^{12} \Rightarrow 1804219 \cdot 6535049 \cdot P_{37},\ B_1 = 182$

$P_{37}^2 \Rightarrow 873199019870583425437656720385 3 \cdot p_{43},\ B_1 = 293$

$p_{43}^1 \Rightarrow 103 \cdot 823 \cdot n,\ B_1 = 341;\ \ q^2,\ B_3 = 305$

$P_{37}^4 \Rightarrow n,\ B_1 = 403;\ \ q^6,\ B_2 = 441$

$14401^{16} \Rightarrow 137 \cdot 443 \cdot 30754912373775511 \cdot 78748246439605650707 99 \cdot P_{24},\ B_1 = 236$

$P_{24}^2 \Rightarrow 19 \ldots,\ D$

$P_{24}^4 \Rightarrow 11 \ldots,\ D;\ \ q^6,\ B_3 = 330$

$14401^{18} \Rightarrow 229 \cdot 3877 \cdot 2020917558300162925404335 47 \cdot p_{43},\ B_1 = 221$

$p_{43}^1 \Rightarrow 5 \cdot 179 \cdot 211 \cdot 1013 \cdot 1081646128183 \cdot P_{22},\ B_1 = 306$

$p_{43}^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_3 = 345$

$14401^{22} \Rightarrow 44621 \cdot 13742582479 \cdot 572482826089 \cdot p_{65},\ B_1 = 249$

$p_{65}^1 \Rightarrow 19 \ldots,\ D;\ \ q^2,\ B_3 = 302$

$14401^{28} \Rightarrow 59 \cdot 523 \cdot 3065713912035839 \cdot P_{97},\ B_1 = 386$

$14401^{30} \Rightarrow 18137543 \cdot 5556696991 \cdot n,\ B_1 = 303$

$14401^{36} \Rightarrow n,\ B_1 = 336;\ \ q^{40},\ B_2 = 332$

$14083^4 \Rightarrow 11 \ldots,\ D$

$14083^6 \Rightarrow p_{25},\ B_1 = 72$

$p_{25}^1 \Rightarrow 17 \cdot 9133 \cdot P_{20},\ B_1 = 122$

$P_{20}^2 \Rightarrow 31 \ldots,\ D$

$P_{20}^4 \Rightarrow 11 \ldots,\ D$

$P_{20}^6 \Rightarrow 7 \ldots,\ D;\ \ q^{10},\ B_2 = 388$

$p_{25}^2 \Rightarrow 31 \ldots,\ D$

$p_{25}^4 \Rightarrow 11 \ldots,\ D$

$p_{25}^6 \Rightarrow 7 \ldots,\ D;\ \ q^{10},\ B_2 = 497$

$14083^{10} \Rightarrow 4732145777657 \cdot p_{29},\ B_1 = 118$

$p_{29}^1 \Rightarrow 5 \cdot 735349796563 \cdot p_{16},\ B_1 = 175$

$p_{16}^2 \Rightarrow 7 \ldots,\ D$

$p_{16}^4 \Rightarrow 61 \cdot 1786769161 \cdot 530468431681571 \cdot P_{39},\ B_1 = 335$

$p_{16}^6 \Rightarrow n,\ B_1 = 335;\ \ q^{10},\ B_2 = 318$

$p_{29}^2 \Rightarrow 7 \ldots,\ D$

$p_{29}^4 \Rightarrow n,\ B_1 = 307;\ \ q^6,\ B_2 = 345$

$14083^{12} \Rightarrow 79 \cdot P_{48},\ B_1 = 169$

$P_{48}^2 \Rightarrow 127 \ldots,\ D;\ \ q^4,\ B_2 = 383$

$14083^{16} \Rightarrow 61165834505641003 \cdot P_{50},\ B_1 = 219$

$P_{50}^2 \Rightarrow n,\ B_1 = 318;\ \ q^4,\ B_2 = 396$

$14083^{18} \Rightarrow 3308664961639746056 63 \cdot P_{55},\ B_1 = 244$

$P_{55}^2 \Rightarrow n,\ B_1 = 352;\ \ q^4,\ B_2 = 433$

$14083^{22} \Rightarrow 139 \cdot 1581801853997 \cdot 14180881420779256560428326 9 \cdot P_{51},\ B_1 = 270$

$P_{51}^2 \Rightarrow 19 \ldots,\ D;\ \ q^4,\ B_2 = 406$

$14083^{28} \Rightarrow 59 \cdot 929 \cdot c_{112},\ B_1 = 257$

$929^1 \Rightarrow 31 \ldots,\ D$

$929^2 \Rightarrow 157 \cdot 5503,\ B_1 = 265$

$5503^2 \Rightarrow 3 \cdot 61 \cdot 165511,\ B_1 = 279$

$165511^2 \Rightarrow 3 \cdot 37 \cdot 246793303,\ B_1 = 299$

$246793303^2 \Rightarrow 3 \cdot 13 \cdot 37 \cdot 43 \cdot n,\ B_1 = 316;\ \ q^4,\ B_3 = 316$

9649: $165511^{4} \Rightarrow 11\ldots,\ D$
9650: $165511^{6},\ B_3 = 300$
9651: $5503^{4} \Rightarrow 11\ldots,\ D$
9652: $5503^{6} \Rightarrow 7\ldots,\ D$
9653: $5503^{10} \Rightarrow 23\cdot 67\cdot n,\ B_1 = 335;\ \ q^{12},\ B_3 = 302$
9655: $929^{4} \Rightarrow 11\ldots,\ D$
9656: $929^{6} \Rightarrow 3739\cdot p_{15},\ B_1 = 293$
9657: $p_{15}^{1} \Rightarrow 5^{2}\cdot n,\ B_1 = 307;\ \ q^{2},\ B_3 = 305$
9659: $929^{10} \Rightarrow 23\cdot 89\cdot n,\ B_1 = 314$
9660: $929^{12} \Rightarrow 53\cdot n,\ B_1 = 324$
9661: $929^{16} \Rightarrow n,\ B_1 = 346;\ \ q^{18},\ B_3 = 305$
9663: $14083^{30} \Rightarrow 1096858369\cdot 2590947223391\cdot 9280684146823\cdot 1234853932443623\cdot n,\ B_1 = 312$
9664: $14083^{36} \Rightarrow 223\cdot n,\ B_1 = 321;\ \ q^{40},\ B_2 = 331$
9666: $30941^{4} \Rightarrow 11\ldots,\ D$
9667: $30941^{6} \Rightarrow 7\ldots,\ D$
9668: $30941^{10} \Rightarrow 23\cdot 4027\cdot P_{40},\ B_1 = 139$
9669: $P_{40}^{2} \Rightarrow 19\ldots,\ D;\ \ q^{4},\ B_2 = 319$
9671: $30941^{12} \Rightarrow 13\cdot 53\cdot 79\cdot 2393\cdot 10068227440673533\cdot P_{30},\ B_1 = 147$
9672: $P_{30}^{2} \Rightarrow 7\ldots,\ D$
9673: $P_{30}^{4} \Rightarrow 11\ldots,\ D;\ \ q^{6},\ B_2 = 357$
9675: $30941^{16} \Rightarrow 17\cdot 55829\cdot 30982393921\cdot 94355327820089003\cdot P_{39},\ B_1 = 209$
9676: $P_{39}^{2} \Rightarrow 157\cdot 286842586646694187\cdot P_{58},\ B_1 = 363;\ \ q^{4},\ B_2 = 307$
9678: $30941^{18} \Rightarrow 18013\cdot 130873\cdot 45712301287\cdot$
$46434088032473231\cdot 10736056226838183421\cdot P_{26},\ B_1 = 227$
9679: $P_{26}^{2} \Rightarrow 13\cdot 9600433\cdot 2314462327501\cdot p_{30},\ B_1 = 315$
9680: $P_{26}^{4} \Rightarrow 11\ldots,\ D;\ \ q^{6},\ B_3 = 328$
9682: $30941^{22} \Rightarrow 331937\cdot 911193301\cdot c_{85},\ B_1 = 207$
9683: $911193301^{1} \Rightarrow 17^{2}\cdot 37\cdot 137\cdot 311,\ B_1 = 222$
9684: $311^{2} \Rightarrow 19\ldots,\ D$
9685: $311^{4} \Rightarrow 11\ldots,\ D$
9686: $311^{6} \Rightarrow 197\cdot 19853\cdot 232096537,\ B_1 = 262$
9687: $232096537^{2} \Rightarrow 3\cdot p_{17},\ B_1 = 295$
9688: $p_{17}^{2} \Rightarrow 19\ldots,\ D;\ \ q^{4},\ B_3 = 328$
9690: $232096537^{4} \Rightarrow 31\ldots,\ D$
9691: $232096537^{6} \Rightarrow 7\ldots,\ D;\ \ q^{10},\ B_3 = 329$
9693: $311^{10} \Rightarrow 23\cdot P_{24},\ B_1 = 292$
9694: $P_{24}^{2} \Rightarrow n,\ B_1 = 339;\ \ q^{4},\ B_3 = 339$
9696: $311^{12} \Rightarrow 53\cdot 79469256567559\cdot P_{15},\ B_1 = 307$
9697: $311^{16} \Rightarrow 3918246517569193\cdot p_{25},\ B_1 = 337$
9698: $311^{18} \Rightarrow n,\ B_1 = 307$
9699: $311^{22} \Rightarrow 691\cdot n,\ B_1 = 329$
9700: $311^{28} \Rightarrow 59\cdot n,\ B_1 = 358$
9701: $311^{30} \Rightarrow 31\ldots,\ D;\ \ q^{36},\ B_3 = 307$
9703: $911193301^{2} \Rightarrow 7\ldots,\ D$
9704: $911193301^{4} \Rightarrow 5\cdot 8291\cdot 340423801\cdot 16521639781\cdot P_{13},\ B_1 = 295$
9705: $P_{13}^{2} \Rightarrow 199\cdot 223\cdot n,\ B_1 = 325;\ \ q^{4},\ B_3 = 320$
9707: $911193301^{6} \Rightarrow n,\ B_1 = 300$
9708: $911193301^{10} \Rightarrow n,\ B_1 = 372;\ \ q^{12},\ B_3 = 300$
9710: $30941^{28} \Rightarrow 59\cdot 467819585334510973\cdot P_{107},\ B_1 = 363$
9711: $30941^{30} \Rightarrow 81760848073\cdot c_{124},\ B_1 = 273$
9712: $81760848073^{1} \Rightarrow 59\cdot 692888543,\ B_1 = 295$
9713: $692888543^{2} \Rightarrow 7\ldots,\ D;\ \ q^{4},\ B_3 = 312$
9715: $81760848073^{2} \Rightarrow 7\ldots,\ D;\ \ q^{4},\ B_3 = 306$
9717: $30941^{36},\ B_2 = 323$

9718: $13^{6} \Rightarrow 5229043,\ B_1 = 20$
9719: $5229043^{2} \Rightarrow 31\ldots,\ D$
9720: $5229043^{4} \Rightarrow 151\cdot 151841\cdot P_{20},\ B_1 = 82$
9721: $P_{20}^{2} \Rightarrow 3\cdot 4992178363\cdot p_{29},\ B_1 = 136$
9722: $p_{29}^{1} \Rightarrow 199379\cdot P_{24},\ B_1 = 193$
9723: $P_{24}^{2} \Rightarrow 61\cdot 67041776611\cdot 1041865339849\cdot P_{22},\ B_1 = 286$
9724: $P_{22}^{2} \Rightarrow 3\cdot n,\ B_1 = 329;\ q^{4},\ B_3 = 330$
9726: $P_{24}^{4} \Rightarrow 5\cdot n,\ B_1 = 333$
9727: $P_{24}^{6} \Rightarrow n,\ B_1 = 426;\ q^{10},\ B_2 = 465$
9729: $p_{29}^{2} \Rightarrow 3\cdot 13^{2}\cdot 3386926183\cdot 4405465269962725578 67\cdot p_{25},\ B_1 = 250$
9730: $p_{25}^{1} \Rightarrow 743\cdot p_{22},\ B_1 = 299$
9731: $p_{22}^{2} \Rightarrow 19\ldots,\ D;\ q^{4},\ B_3 = 342$
9733: $p_{25}^{2} \Rightarrow 3\cdot 373\cdot n,\ B_1 = 322;\ q^{4},\ B_3 = 319$
9735: $p_{29}^{4} \Rightarrow n,\ B_1 = 333;\ q^{6},\ B_2 = 346$
9737: $P_{20}^{4} \Rightarrow 11\ldots,\ D$
9738: $P_{20}^{6} \Rightarrow 491\cdot 33937\cdot 267233\cdot 223957037756467\cdot n,\ B_1 = 304;\ q^{10},\ B_2 = 390$
9740: $5229043^{6} \Rightarrow 7\ldots,\ D$
9741: $5229043^{10} \Rightarrow 23\cdot 27457\cdot 38611\cdot 373559364091\cdot P_{46},\ B_1 = 203$
9742: $P_{46}^{2} \Rightarrow 3\cdot 129529\cdot 467629\cdot n,\ B_1 = 304;\ q^{4},\ B_2 = 361$
9744: $5229043^{12} \Rightarrow 13\cdot 53\cdot 1171\cdot 45319\cdot 1133653\cdot 3571340579\cdot$
$1004396929641639073744538309\cdot P_{28},\ B_1 = 219$
9745: $P_{28}^{2} \Rightarrow 7\ldots,\ D$
9746: $P_{28}^{4} \Rightarrow 11\ldots,\ D;\ q^{6},\ B_2 = 329$
9748: $5229043^{16} \Rightarrow 8807\cdot c_{104},\ B_1 = 225$
9749: $8807^{2} \Rightarrow 77572057,\ B_1 = 233$
9750: $77572057^{1} \Rightarrow 38786029,\ B_1 = 248$
9751: $38786029^{2} \Rightarrow 7\ldots,\ D$
9752: $38786029^{4} \Rightarrow 20411\cdot 149111\cdot p_{21},\ B_1 = 324$
9753: $38786029^{6} \Rightarrow n,\ B_1 = 324;\ q^{10},\ B_3 = 309$
9755: $77572057^{2} \Rightarrow 3\cdot 349927\cdot 5732075647,\ B_1 = 272$
9756: $5732075647^{2} \Rightarrow 7\ldots,\ D$
9757: $5732075647^{4} \Rightarrow n,\ B_1 = 331;\ q^{6},\ B_3 = 311$
9759: $77572057^{4} \Rightarrow 41\cdot p_{30},\ B_1 = 290$
9760: $p_{30}^{1} \Rightarrow n,\ B_1 = 319;\ q^{2},\ B_3 = 318$
9762: $77572057^{6} \Rightarrow n,\ B_1 = 320;\ q^{10},\ B_3 = 304$
9764: $8807^{4} \Rightarrow 1231\cdot 1333691\cdot 3664781,\ B_1 = 258$
9765: $3664781^{1} \Rightarrow 11\ldots,\ D$
9766: $3664781^{2} \Rightarrow 13\cdot 229\cdot 4511462359,\ B_1 = 286$
9767: $4511462359^{2} \Rightarrow 3\cdot n,\ B_1 = 306;\ q^{4},\ B_3 = 306$
9769: $3664781^{4} \Rightarrow 5\cdot 41\cdot 661\cdot n,\ B_1 = 306$
9770: $3664781^{6} \Rightarrow 7\ldots,\ D;\ q^{10},\ B_3 = 317$
9772: $8807^{6} \Rightarrow 7\ldots,\ D$
9773: $8807^{10} \Rightarrow 5171\cdot P_{36},\ B_1 = 336$
9774: $8807^{12} \Rightarrow 79\cdot 599\cdot n,\ B_1 = 317$
9775: $8807^{16} \Rightarrow 17\cdot n,\ B_1 = 343$
9776: $8807^{18} \Rightarrow n,\ B_1 = 359;\ q^{22},\ B_3 = 304$
9778: $5229043^{18} \Rightarrow 191\cdot 229\cdot 53657\cdot P_{112},\ B_1 = 364$
9779: $5229043^{22} \Rightarrow 967\cdot n,\ B_1 = 305;\ q^{28},\ B_2 = 376$
9781: $13^{10} \Rightarrow 23\cdot 419\cdot 859\cdot 18041,\ B_1 = 29$
9782: $18041^{1} \Rightarrow 31\ldots,\ D$
9783: $18041^{2} \Rightarrow 7\ldots,\ D$
9784: $18041^{4} \Rightarrow 5\cdot 26801\cdot 790579404481,\ B_1 = 64$
9785: $790579404481^{1} \Rightarrow 7\ldots,\ D$
9786: $790579404481^{2} \Rightarrow 3\cdot 13\cdot 32443\cdot P_{18},\ B_1 = 116$

$P_{18}^{2} \Rightarrow 3 \cdot 13 \cdot 193 \cdot 211 \cdot 4357 \cdot 2528385577 \cdot p_{17},\ B_1 = 172$

$p_{17}^{1} \Rightarrow \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^{10} \cdot 23^2$

$p_{17}^{2} \Rightarrow 3 \ldots,\ S\ \ 3^4 \cdot 5 \cdot 13^{10} \cdot 23^2$

$p_{17}^{4} \Rightarrow 11 \ldots,\ D$

$p_{17}^{6} \Rightarrow n,\ B_1 = 341;\ \ q^{10},\ B_2 = 322$

$P_{18}^{4} \Rightarrow 308908991 \cdot 37859950231 \cdot p_{52},\ B_1 = 246$

$p_{52}^{1} \Rightarrow \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^{10} \cdot 23^2$

$p_{52}^{2} \Rightarrow 7 \ldots,\ D$

$p_{52}^{4},\ B_2 = 413$

$P_{18}^{6} \Rightarrow 127 \ldots,\ D;\ \ q^{10},\ B_2 = 353$

$790579404481^{4} \Rightarrow 11 \ldots,\ D$

$790579404481^{6} \Rightarrow 111327371 \cdot 3249191191 \cdot 121387119169 \cdot 23954198376965473 \cdot P_{27},\ B_1 = 250$

$P_{27}^{2} \Rightarrow n,\ B_1 = 302;\ \ q^4,\ B_3 = 302$

$790579404481^{10} \Rightarrow 23 \cdot 89 \cdot 463 \cdot 1123 \cdot 770309670659 \cdot n,\ B_1 = 303$

$790579404481^{12} \Rightarrow 443 \cdot n,\ B_1 = 336;\ \ q^{16},\ B_2 = 380$

$18041^{6} \Rightarrow 197 \cdot 757 \cdot 25384507 \cdot p_{13},\ B_1 = 88$

$p_{13}^{1} \Rightarrow 3 \cdot 5^3 \ldots,\ S\ \ 3^2 \cdot 5^4 \cdot 13^{10} \cdot 23^2$

$p_{13}^{2} \Rightarrow 277 \cdot 236773 \cdot 10723561 \cdot 117967608271,\ B_1 = 146$

$117967608271^{2} \Rightarrow 7 \ldots,\ D$

$117967608271^{4} \Rightarrow 5 \cdot 61 \cdot 1571 \cdot 2381 \cdot 14942664026435161 \cdot P_{20},\ B_1 = 247$

$P_{20}^{2} \Rightarrow 3 \cdot 181 \ldots,\ S\ \ 3^2 \cdot 5 \cdot 13^{10} \cdot 23^2 \cdot 61^2 \cdot 181^2$

$P_{20}^{4} \Rightarrow 31 \ldots,\ D;\ \ q^6,\ B_3 = 324$

$117967608271^{6} \Rightarrow 43 \cdot 71 \cdot 113 \cdot 184703 \cdot 12467742253891 \cdot p_{43},\ B_1 = 288$

$p_{43}^{1} \Rightarrow 3 \cdot n,\ B_1 = 330;\ \ q^2,\ B_3 = 323$

$117967608271^{10} \Rightarrow 23 \cdot 67 \cdot n,\ B_1 = 346$

$117967608271^{12} \Rightarrow 911 \cdot n,\ B_1 = 392;\ \ q^{16},\ B_2 = 354$

$p_{13}^{4} \Rightarrow 11 \ldots,\ D$

$p_{13}^{6} \Rightarrow 7 \ldots,\ D$

$p_{13}^{10} \Rightarrow 23 \cdot n,\ B_1 = 330;\ \ q^{12},\ B_2 = 311$

$18041^{10} \Rightarrow 11 \ldots,\ D$

$18041^{12} \Rightarrow 588043 \cdot 110285890904411 \cdot p_{32},\ B_1 = 146$

$p_{32}^{1} \Rightarrow 3^2 \cdot 41 \cdot 701 \cdot 13938135227 \cdot p_{16},\ B_1 = 207$

$p_{16}^{2} \Rightarrow 3 \cdot p_{31},\ B_1 = 269$

$p_{31}^{2} \Rightarrow 19 \ldots,\ D$

$p_{31}^{4},\ B_3 = 330$

$p_{16}^{4} \Rightarrow 11 \ldots,\ D$

$p_{16}^{6} \Rightarrow 43 \cdot n,\ B_1 = 363;\ \ q^{10},\ B_3 = 331$

$p_{32}^{2} \Rightarrow 79627635540001 \cdot P_{49},\ B_1 = 289$

$P_{49}^{2} \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_2 = 389$

$p_{32}^{4} \Rightarrow 11 \ldots,\ D;\ \ q^6,\ B_2 = 375$

$18041^{16} \Rightarrow 307 \cdot 9381534905161858843355 2823 \cdot p_{40},\ B_1 = 189$

$p_{40}^{1} \Rightarrow 3^2 \cdot 17581 \cdot 11089691 \cdot 4652010683 \cdot P_{18},\ B_1 = 267$

$P_{18}^{2} \Rightarrow 7 \ldots,\ D$

$P_{18}^{4},\ B_3 = 302$

$p_{40}^{2} \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_2 = 317$

$18041^{18} \Rightarrow 457 \cdot 18936535212031693 \cdot 4614818696074344883 \cdot p_{40},\ B_1 = 215$

$p_{40}^{1} \Rightarrow 7 \ldots,\ D$

$p_{40}^{2} \Rightarrow 3 \cdot n,\ B_1 = 317;\ \ q^4,\ B_3 = 316$

$18041^{22} \Rightarrow 1527247 \cdot 2221578511 \cdot 68811598248178507 \cdot 7518643008084142451518627 \cdot P_{37},\ B_1 = 305$

$18041^{28} \Rightarrow 59 \cdot 428810647 \cdot 800672808675011 \cdot 2768155099579297407 67 \cdot n,\ B_1 = 309$

$18041^{30} \Rightarrow 1117 \cdot 46687 \cdot 3047921 \cdot 106092913 \cdot c_{106},\ B_1 = 294$

$106092913^{1} \Rightarrow n,\ B_1 = 302$

$106092913^{2} \Rightarrow 3 \cdot n,\ B_1 = 312;\ \ q^{4},\ B_3 = 312$

$18041^{36},\ B_2 = 306$

$13^{12} \Rightarrow 53 \cdot 264031 \cdot 1803647,\ B_1 = 38$

$1803647^{2} \Rightarrow 31 \ldots,\ D$

$1803647^{4} \Rightarrow 41 \cdot 53738676221 \cdot p_{13},\ B_1 = 90$

$p_{13}^{1} \Rightarrow 37 \cdot 101 \cdot 642661823,\ B_1 = 114$

$642661823^{2} \Rightarrow 171980953 \cdot 2401511401,\ B_1 = 150$

$2401511401^{2} \Rightarrow 7 \ldots,\ D$

$2401511401^{4} \Rightarrow 11 \ldots,\ D$

$2401511401^{6} \Rightarrow 617 \cdot 757 \cdot 13189284983141 \cdot P_{38},\ B_1 = 300$

$2401511401^{10} \Rightarrow 23 \cdot n,\ B_1 = 320$

$2401511401^{12} \Rightarrow 53 \cdot n,\ B_1 = 354;\ \ q^{16},\ B_2 = 300$

$642661823^{4} \Rightarrow 131 \cdot 3001 \cdot 23321 \cdot 42061 \cdot 403331 \cdot p_{16},\ B_1 = 202$

$p_{16}^{2} \Rightarrow 19 \ldots,\ D$

$p_{16}^{4} \Rightarrow 11 \ldots,\ D$

$p_{16}^{6} \Rightarrow 7 \ldots,\ D;\ \ q^{10},\ B_3 = 323$

$642661823^{6} \Rightarrow 659 \cdot 29379577482684058289197 31 \cdot p_{26},\ B_1 = 255$

$p_{26}^{2} \Rightarrow 3 \cdot 97 \cdot n,\ B_1 = 309;\ \ q^{4},\ B_3 = 306$

$642661823^{10} \Rightarrow 11 \ldots,\ D$

$642661823^{12} \Rightarrow 79 \cdot n,\ B_1 = 310$

$642661823^{16} \Rightarrow n,\ B_1 = 379;\ \ q^{18},\ B_2 = 317$

$p_{13}^{2} \Rightarrow 3 \cdot 151 \cdot 2719 \cdot 9697 \cdot 87421 \cdot 22095845017,\ B_1 = 142$

$22095845017^{1} \Rightarrow 13 \cdot 849840193,\ B_1 = 160$

$849840193^{2} \Rightarrow 3 \cdot 1753 \cdot 4690303 \cdot 29279959,\ B_1 = 195$

$29279959^{2} \Rightarrow 7 \ldots,\ D$

$29279959^{4} \Rightarrow 11 \ldots,\ D$

$29279959^{6} \Rightarrow 2339 \cdot 24287579725571 \cdot p_{29},\ B_1 = 315$

$29279959^{10} \Rightarrow 23 \cdot n,\ B_1 = 331$

$29279959^{12} \Rightarrow n,\ B_1 = 360;\ \ q^{16},\ B_3 = 300$

$849840193^{4} \Rightarrow 11 \ldots,\ D$

$849840193^{6} \Rightarrow 127 \ldots,\ D$

$849840193^{10} \Rightarrow n,\ B_1 = 321$

$849840193^{12} \Rightarrow n,\ B_1 = 357$

$849840193^{16} \Rightarrow 613 \cdot n,\ B_1 = 431;\ \ q^{18},\ B_2 = 321$

$22095845017^{2} \Rightarrow 3 \cdot 3463 \cdot 7411 \cdot p_{13},\ B_1 = 181$

$p_{13}^{1} \Rightarrow 1586699 \cdot 1998233,\ B_1 = 206$

$1998233^{2} \Rightarrow 13^{3} \cdot 109 \cdot 2383 \cdot 6997,\ B_1 = 224$

$6997^{2} \Rightarrow 7 \ldots,\ D$

$6997^{4} \Rightarrow p_{16},\ B_1 = 263$

$p_{16}^{2} \Rightarrow 43 \cdot 6373 \cdot 7681 \cdot 69697 \cdot 538801 \cdot 72702027121,\ B_1 = 324$

$p_{16}^{4} \Rightarrow 11 \ldots,\ D$

$p_{16}^{6},\ B_3 = 324$

$6997^{6} \Rightarrow 3389 \cdot 779581657 \cdot 44422207439,\ B_1 = 286$

$44422207439^{2} \Rightarrow 409 \cdot 769 \cdot n,\ B_1 = 312;\ \ q^{4},\ B_3 = 307$

$6997^{10} \Rightarrow 11 \ldots,\ D$

$6997^{12} \Rightarrow n,\ B_1 = 309$

$6997^{16} \Rightarrow n,\ B_1 = 339$

$6997^{18} \Rightarrow 191 \cdot n,\ B_1 = 357;\ \ q^{22},\ B_3 = 301$

$1998233^{4} \Rightarrow 31 \ldots,\ D$

$1998233^{6} \Rightarrow P_{38},\ B_1 = 306$

$1998233^{10} \Rightarrow 23 \cdot 67 \cdot n,\ B_1 = 322$

$1998233^{12} \Rightarrow n,\ B_1 = 344$

$1998233^{16} \Rightarrow 137 \cdot n,\ B_1 = 397;\ \ q^{18},\ B_3 = 306$

$p_{13}^{2} \Rightarrow 7 \ldots,\ D$

9916: $p_{13}^4 \Rightarrow 11\ldots,\ D$
9917: $p_{13}^6 \Rightarrow n,\ B_1 = 311$
9918: $p_{13}^{10} \Rightarrow 23\cdot n,\ B_1 = 414;\ \ q^{12},\ B_3 = 311$
9920: $22095845017^4 \Rightarrow 11\ldots,\ D$
9921: $22095845017^6 \Rightarrow 7\ldots,\ D$
9922: $22095845017^{10} \Rightarrow 23\cdot 67\cdot n,\ B_1 = 332$
9923: $22095845017^{12} \Rightarrow n,\ B_1 = 370;\ \ q^{16},\ B_2 = 331$
9925: $p_{13}^4 \Rightarrow 11\ldots,\ D$
9926: $p_{13}^6 \Rightarrow 7\ldots,\ D$
9927: $p_{13}^{10} \Rightarrow 23^2\cdot n,\ B_1 = 320;\ \ q^{12},\ B_2 = 304$
9929: $1803647^6 \Rightarrow 8737\cdot 2064077\cdot 327668647153\cdot p_{16},\ B_1 = 124$
9930: $p_{16}^1 \Rightarrow 3^2\cdot 13\cdot 22273\cdot 1117871311,\ B_1 = 152$
9931: $1117871311^2 \Rightarrow 7\ldots,\ D$
9932: $1117871311^4 \Rightarrow 5\cdot 71\ldots,\ S\ \ 3^2\cdot 5^2\cdot 13^{12}\cdot 53^2\cdot 71^2$
9933: $1117871311^6 \Rightarrow 2556569\cdot p_{48},\ B_1 = 297$
9934: $p_{48}^2 \Rightarrow n,\ B_1 = 392;\ \ q^4,\ B_3 = 392$
9936: $1117871311^{10} \Rightarrow 661\cdot 991\cdot n,\ B_1 = 320$
9937: $1117871311^{12} \Rightarrow 53\cdot 443\cdot n,\ B_1 = 352$
9938: $1117871311^{16} \Rightarrow 613\cdot n,\ B_1 = 426;\ \ q^{18},\ B_2 = 325$
9940: $p_{16}^2 \Rightarrow 97\cdot 787\cdot 94873\cdot p_{22},\ B_1 = 181$
9941: $p_{22}^1 \Rightarrow 5^2\cdot 191\cdot 48797669\cdot 10057295749,\ B_1 = 223$
9942: $10057295749^2 \Rightarrow 7\ldots,\ D$
9943: $10057295749^4 \Rightarrow 31\ldots,\ D$
9944: $10057295749^6 \Rightarrow 29\cdot 43\cdot 113\cdot n,\ B_1 = 328;\ \ q^{10},\ B_3 = 303$
9946: $p_{22}^2 \Rightarrow 31\ldots,\ D$
9947: $p_{22}^4 \Rightarrow 181\cdot n,\ B_1 = 324$
9948: $p_{22}^6 \Rightarrow n,\ B_1 = 408;\ \ q^{10},\ B_2 = 433$
9950: $p_{16}^4 \Rightarrow 31\ldots,\ D$
9951: $p_{16}^6 \Rightarrow 7\ldots,\ D;\ \ q^{10},\ B_2 = 315$
9953: $1803647^{10} \Rightarrow 13729\cdot 7400153443\cdot 116489924189\cdot 455350252171\cdot p_{26},\ B_1 = 189$
9954: $p_{26}^1 \Rightarrow 7\ldots,\ D$
9955: $p_{26}^2 \Rightarrow 37\cdot 109\cdot P_{49},\ B_1 = 307$
9956: $p_{26}^4 \Rightarrow 101\cdot 641\cdot n,\ B_1 = 364;\ \ q^6,\ B_2 = 309$
9958: $1803647^{12} \Rightarrow 13\cdot 131\cdot 55816123897\cdot 1568239889737\cdot P_{49},\ B_1 = 238$
9959: $P_{49}^2 \Rightarrow n,\ B_1 = 336;\ \ q^4,\ B_2 = 391$
9961: $1803647^{16} \Rightarrow 103\cdot 1871\cdot 12377\cdot 4721411\cdot$
$111378883417366559\cdot 219271900734964803991143128953 7\cdot p_{37},\ B_1 = 291$
9962: $p_{37}^1 \Rightarrow 19\ldots,\ D$
9963: $p_{37}^2 \Rightarrow 13^2\cdot 157\cdot 601\cdot n,\ B_1 = 373;\ \ q^4,\ B_3 = 370$
9965: $1803647^{18} \Rightarrow 229\cdot 37013\cdot 54955183\cdot 131001049\cdot P_{90},\ B_1 = 357$
9966: $1803647^{22} \Rightarrow n,\ B_1 = 301;\ \ q^{28},\ B_2 = 350$
9968: $13^{16} \Rightarrow 103\cdot 443\cdot p_{14},\ B_1 = 40$
9969: $p_{14}^1 \Rightarrow 5\cdot 13\cdot 73\cdot 21487\cdot 77477,\ B_1 = 63$
9970: $21487^2 \Rightarrow 7\ldots,\ D$
9971: $21487^4 \Rightarrow 11\ldots,\ D$
9972: $21487^6 \Rightarrow 71\cdot P_{25},\ B_1 = 133$
9973: $P_{25}^2 \Rightarrow 43548559\cdot P_{41},\ B_1 = 229$
9974: $P_{41}^2 \Rightarrow 7\ldots,\ D$
9975: $P_{41}^4,\ B_2 = 325$
9976: $P_{25}^4 \Rightarrow 31\ldots,\ D$
9977: $P_{25}^6 \Rightarrow 7\ldots,\ D;\ \ q^{10},\ B_2 = 482$
9979: $21487^{10} \Rightarrow 4754461695327763\cdot P_{28},\ B_1 = 185$
9980: $P_{28}^2 \Rightarrow 7\ldots,\ D$
9981: $P_{28}^4 \Rightarrow 71\cdot n,\ B_1 = 352;\ \ q^6,\ B_2 = 331$

9983: $21487^{12} \Rightarrow 207984356711 \cdot P_{41},\ B_1 = 211$

9984: $207984356711^2 \Rightarrow 61 \cdot 6244093 \cdot p_{15},\ B_1 = 256$

9985: $p_{15}^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^{16} \cdot 61^2 \cdot 73^2$

9986: $p_{15}^4 \Rightarrow 5 \cdot 61 \cdot n,\ B_1 = 338;\ \ q^6,\ B_3 = 312$

9988: $207984356711^4 \Rightarrow 31 \ldots,\ D$

9989: $207984356711^6 \Rightarrow n,\ B_1 = 324;\ \ q^{10},\ B_3 = 301$

9991: $21487^{16} \Rightarrow 137 \cdot 239 \cdot 307 \cdot 1361 \cdot p_{60},\ B_1 = 263$

9992: $p_{60}^2 \Rightarrow 31 \ldots,\ D$

9993: $p_{60}^4,\ B_2 = 473$

9994: $21487^{18} \Rightarrow 1483 \cdot 140515813823173 \cdot 457061008495980780417827 89 \cdot P_{36},\ B_1 = 289$

9995: $P_{36}^2 \Rightarrow 3 \cdot 211 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^{16} \cdot 73^2 \cdot 103^2 \cdot 211^2 \cdot 443^2$

9996: $P_{36}^4,\ B_3 = 359$

9997: $21487^{22} \Rightarrow 47 \cdot 17187544926148322150841589 27 \cdot p_{67},\ B_1 = 341$

9998: $21487^{28} \Rightarrow 233 \cdot n,\ B_1 = 300$

9999: $21487^{30} \Rightarrow n,\ B_1 = 315;\ \ q^{36},\ B_2 = 311$

10001: $p_{14}^2 \Rightarrow 3 \cdot p_{26},\ B_1 = 80$

10002: $p_{26}^1 \Rightarrow 277288183141 \cdot P_{15},\ B_1 = 131$

10003: $P_{15}^2 \Rightarrow 7 \ldots,\ D$

10004: $P_{15}^4 \Rightarrow 41 \cdot 30671 \cdot 426896609221 \cdot P_{39},\ B_1 = 273$

10005: $P_{39}^2 \Rightarrow 691 \cdot n,\ B_1 = 354;\ \ q^4,\ B_3 = 351$

10007: $P_{15}^6 \Rightarrow 185753 \cdot 86899260 12754167791 \cdot P_{61},\ B_1 = 358$

10008: $P_{15}^{10} \Rightarrow 23 \cdot n,\ B_1 = 388;\ \ q^{12},\ B_2 = 340$

10010: $p_{26}^2 \Rightarrow 31 \ldots,\ D$

10011: $p_{26}^4 \Rightarrow 41 \cdot 16141 \cdot 1535874355681 \cdot c_{86},\ B_1 = 267$

10012: $p_{13}^1 \Rightarrow 67 \cdot 11461748923,\ B_1 = 291$

10013: $11461748923^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_3 = 311$

10015: $p_{13}^2 \Rightarrow 3 \cdot 13 \cdot 4513 \cdot 883627 \cdot P_{14},\ B_1 = 321;\ \ q^4,\ B_3 = 300$

10017: $p_{26}^6,\ B_2 = 311$

10018: $p_{14}^4 \Rightarrow 41 \cdot 9221 \cdot 288197171658101 \cdot p_{33},\ B_1 = 152$

10019: $p_{33}^1 \Rightarrow 373 \cdot 661 \cdot 26701 \cdot P_{23},\ B_1 = 217$

10020: $P_{23}^2 \Rightarrow 3 \cdot 13 \cdot 547 \cdot 3287587 \cdot P_{35},\ B_1 = 306$

10021: $P_{23}^4 \Rightarrow 151 \cdot 751 \cdot n,\ B_1 = 358;\ \ q^6,\ B_3 = 308$

10023: $p_{33}^2 \Rightarrow 7 \ldots,\ D$

10024: $p_{33}^4 \Rightarrow 5 \cdot n,\ B_1 = 368;\ \ q^6,\ B_2 = 393$

10026: $p_{14}^6 \Rightarrow 9661 \cdot 200832268547 \cdot p_{64},\ B_1 = 200$

10027: $p_{64}^1 \Rightarrow 3 \cdot 29 \cdot 37721054831691908297617861 \cdot p_{37},\ B_1 = 328$

10028: $p_{64}^2 \Rightarrow 97 \cdot 109 \cdot 373 \cdot n,\ B_1 = 395;\ \ q^4,\ B_2 = 511$

10030: $p_{14}^{10} \Rightarrow 23 \cdot 1094522287 \cdot n,\ B_1 = 301;\ \ q^{12},\ B_2 = 316$

10032: $13^{18} \Rightarrow 12865927 \cdot p_{13},\ B_1 = 47$

10033: $p_{13}^1 \Rightarrow 5^2 \cdot 17 \cdot 59 \cdot 151 \cdot 1250413,\ B_1 = 71$

10034: $1250413^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^{18} \cdot 17^2$

10035: $1250413^4 \Rightarrow 585691 \cdot P_{19},\ B_1 = 132$

10036: $P_{19}^2 \Rightarrow 7 \ldots,\ D$

10037: $P_{19}^4 \Rightarrow 5 \cdot 421 \cdot 661 \cdot 46061 \cdot 56101 \cdot 14157701 \cdot 2497097307450491 \cdot P_{37},\ B_1 = 318$

10038: $P_{19}^6 \Rightarrow n,\ B_1 = 318;\ \ q^{10},\ B_2 = 372$

10040: $1250413^6 \Rightarrow 29 \cdot 43 \cdot 71 \cdot 7048567 \cdot 83513081 \cdot p_{17},\ B_1 = 168$

10041: $p_{17}^2 \Rightarrow P_{34},\ B_1 = 236$

10042: $P_{34}^2 \Rightarrow 19 \ldots,\ D$

10043: $P_{34}^4,\ B_3 = 303$

10044: $p_{17}^4 \Rightarrow 7211 \cdot 195931 \cdot 1574411 \cdot 1783921 \cdot P_{46},\ B_1 = 337$

10045: $p_{17}^6 \Rightarrow 7 \ldots,\ D;\ \ q^{10},\ B_2 = 337$

10047: $1250413^{10} \Rightarrow 23 \cdot 67 \cdot 28653090269 \cdot 2781059109643 \cdot 78229527050009149 \cdot p_{18},\ B_1 = 241$

10048: $p_{18}^2 \Rightarrow 73 \cdot 109 \cdot 16993 \cdot 17497 \cdot P_{24},\ B_1 = 313$

10049: $p_{18}^4 \Rightarrow 5 \cdot n,\ B_1 = 350;\ \ q^6,\ B_3 = 313$

10051: $1250413^{12} \Rightarrow 39294891169 \cdot 1565599439588887 \cdot P_{48},\ B_1 = 278$
10052: $P_{48}^2 \Rightarrow 3 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^{18} \cdot 17^2$
10053: $P_{48}^4,\ B_2 = 379$
10054: $1250413^{16} \Rightarrow 443 \cdot 2649123448876167066 89 \cdot$
$153407724753153446084 77 \cdot 308015609859758831478 19 \cdot p_{30},\ B_1 = 351$
10055: $1250413^{18} \Rightarrow 12161 \cdot P_{106},\ B_1 = 388$
10056: $1250413^{22} \Rightarrow 47 \cdot 461 \cdot n,\ B_1 = 331;\ \ q^{28},\ B_2 = 341$
10058: $p_{13}^2 \Rightarrow 7 \ldots,\ D$
10059: $p_{13}^4 \Rightarrow 911 \cdot 7338571546216666972607 41 \cdot P_{26},\ B_1 = 166$
10060: $P_{26}^2 \Rightarrow 3 \cdot 17443 \cdot p_{46},\ B_1 = 244$
10061: $p_{46}^1 \Rightarrow 163 \cdot 2640939513253009 \cdot P_{28},\ B_1 = 335$
10062: $p_{46}^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_2 = 363$
10064: $P_{26}^4 \Rightarrow 11 \ldots,\ D;\ \ q^6,\ B_2 = 300$
10066: $p_{13}^6 \Rightarrow 463 \cdot 18061 \cdot 36007441 \cdot 252005465301856569333 67 \cdot P_{41},\ B_1 = 260$
10067: $P_{41}^2 \Rightarrow 3 \cdot n,\ B_1 = 342;\ \ q^4,\ B_3 = 342$
10069: $p_{13}^{10} \Rightarrow 23 \cdot 353 \cdot 26951 \cdot 1814693 \cdot n,\ B_1 = 302;\ \ q^{12},\ B_2 = 311$
10071: $13^{22} \Rightarrow 1381 \cdot P_{22},\ B_1 = 70$
10072: $P_{22}^2 \Rightarrow 127 \ldots,\ D$
10073: $P_{22}^4 \Rightarrow 11 \ldots,\ D$
10074: $P_{22}^6 \Rightarrow 29 \cdot 12517 \cdot 637337 \cdot c_{118},\ B_1 = 293$
10075: $637337^1 \Rightarrow 3 \cdot 13 \cdot 8171,\ B_1 = 301$
10076: $637337^2 \Rightarrow n,\ B_1 = 306;\ \ q^4,\ B_3 = 306$
10078: $P_{22}^{10},\ B_2 = 428$
10079: $13^{28} \Rightarrow 1973 \cdot 2843 \cdot 3539 \cdot p_{21},\ B_1 = 72$
10080: $p_{21}^1 \Rightarrow 11 \ldots,\ D$
10081: $p_{21}^2 \Rightarrow 3 \cdot 11959 \cdot 85093 \cdot 79236309623407 \cdot p_{19},\ B_1 = 158$
10082: $p_{19}^1 \Rightarrow 5 \cdot 107719 \cdot 135281 \cdot 20305777,\ B_1 = 195$
10083: $20305777^2 \Rightarrow 7 \ldots,\ D$
10084: $20305777^4 \Rightarrow 31 \ldots,\ D$
10085: $20305777^6 \Rightarrow 43 \cdot 113 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^{28} \cdot 43^2 \cdot 113^2$
10086: $20305777^{10} \Rightarrow n,\ B_1 = 326$
10087: $20305777^{12} \Rightarrow 53 \cdot n,\ B_1 = 357$
10088: $20305777^{16} \Rightarrow n,\ B_1 = 414;\ \ q^{18},\ B_3 = 312$
10090: $p_{19}^2 \Rightarrow 19 \ldots,\ D$
10091: $p_{19}^4 \Rightarrow 15551 \cdot 4443796955867215292032 1 \cdot P_{48},\ B_1 = 339$
10092: $p_{19}^6 \Rightarrow 197 \cdot 337 \cdot n,\ B_1 = 361;\ \ q^{10},\ B_2 = 369$
10094: $p_{21}^4 \Rightarrow 5 \cdot 151 \cdot 1459141 \cdot 7120514951527130716700561511251881 \cdot P_{41},\ B_1 = 269$
10095: $P_{41}^2 \Rightarrow 19 \ldots,\ D$
10096: $P_{41}^4,\ B_3 = 350$
10097: $p_{21}^6 \Rightarrow 1709 \cdot n,\ B_1 = 302;\ \ q^{10},\ B_2 = 418$
10099: $13^{30} \Rightarrow 311 \cdot 1117 \cdot p_{28},\ B_1 = 72$
10100: $1117^1 \Rightarrow 13 \cdot 43,\ B_1 = 100$
10101: $43^2 \Rightarrow 3 \cdot 631,\ B_1 = 107$
10102: $631^2 \Rightarrow 3 \cdot 307 \cdot 433,\ B_1 = 117$
10103: $433^2 \Rightarrow 3 \cdot 37 \cdot 1693,\ B_1 = 127$
10104: $1693^2 \Rightarrow 3 \cdot 13 \cdot 151 \cdot 487,\ B_1 = 137$
10105: $487^2 \Rightarrow 7 \ldots,\ D$
10106: $487^4 \Rightarrow 11 \ldots,\ D$
10107: $487^6 \Rightarrow 29 \cdot 156941 \cdot 2937190033,\ B_1 = 180$
10108: $2937190033^2 \Rightarrow 3 \cdot p_{19},\ B_1 = 218$
10109: $p_{19}^2 \Rightarrow 3 \cdot 349 \cdot 2108089 \cdot 41205102721 \cdot p_{17},\ B_1 = 291$
10110: $p_{17}^2 \Rightarrow 19 \ldots,\ D$
10111: $p_{17}^4,\ B_3 = 325$
10112: $p_{19}^4 \Rightarrow 5 \ldots,\ S\ \ 3^6 \cdot 5^2 \cdot 13^{30}$

10113: $p_{19}^6 \Rightarrow 7\ldots,\ D$

10114: $p_{19}^{10},\ B_2 = 369$

10115: $2937190033^4 \Rightarrow 11621337429870851 \cdot P_{22},\ B_1 = 275$

10116: $P_{22}^2 \Rightarrow 3 \cdot 13 \cdot 37 \cdot n,\ B_1 = 316;\ \ q^4,\ B_3 = 318$

10118: $2937190033^6 \Rightarrow 7\ldots,\ D$

10119: $2937190033^{10} \Rightarrow 67 \cdot n,\ B_1 = 352$

10120: $2937190033^{12} \Rightarrow 53 \cdot n,\ B_1 = 390;\ \ q^{16},\ B_3 = 313$

10122: $487^{10} \Rightarrow 23^2 \cdot 1336039 \cdot P_{19},\ B_1 = 210$

10123: $P_{19}^2 \Rightarrow 7\ldots,\ D$

10124: $P_{19}^4 \Rightarrow 41 \cdot 71 \cdot n,\ B_1 = 321$

10125: $P_{19}^6 \Rightarrow n,\ B_1 = 390;\ \ q^{10},\ B_2 = 360$

10127: $487^{12} \Rightarrow 53 \cdot 157 \cdot 29723279 \cdot P_{21},\ B_1 = 229$

10128: $P_{21}^2 \Rightarrow 7\ldots,\ D$

10129: $P_{21}^4 \Rightarrow n,\ B_1 = 354;\ \ q^6,\ B_3 = 312$

10131: $487^{16} \Rightarrow 1123 \cdot 51307 \cdot p_{36},\ B_1 = 261$

10132: $p_{36}^2 \Rightarrow n,\ B_1 = 331;\ \ q^4,\ B_3 = 331$

10134: $487^{18} \Rightarrow 607995237433806460973 3 \cdot p_{27},\ B_1 = 277$

10135: $p_{27}^2 \Rightarrow 601 \cdot n,\ B_1 = 333;\ \ q^4,\ B_3 = 330$

10137: $487^{22} \Rightarrow 47 \cdot 2222123 \cdot 15066834705953 \cdot p_{38},\ B_1 = 309$

10138: $487^{28} \Rightarrow 59 \cdot 1379473 \cdot 1479871 \cdot 16950559 \cdot$
$19494830543944843 \cdot 104601745094234137 \cdot p_{21},\ B_1 = 358$

10139: $487^{30} \Rightarrow 7486873 \cdot 68873142743 \cdot P_{63},\ B_1 = 374$

10140: $487^{36} \Rightarrow 223 \cdot n,\ B_1 = 328$

10141: $487^{40} \Rightarrow 739 \cdot n,\ B_1 = 350$

10142: $487^{42} \Rightarrow n,\ B_1 = 358$

10143: $487^{46} \Rightarrow 283 \cdot n,\ B_1 = 381$

10144: $487^{52} \Rightarrow n,\ B_1 = 411;\ \ q^{58},\ B_2 = 311$

10146: $1693^4 \Rightarrow 821 \cdot 10012471081,\ B_1 = 160$

10147: $10012471081^2 \Rightarrow 7\ldots,\ D$

10148: $10012471081^4 \Rightarrow 5\ldots,\ S\ \ 3^4 \cdot 5^2 \cdot 13^{30}$

10149: $10012471081^6 \Rightarrow 71 \cdot 2437 \cdot 21211 \cdot 1038157 \cdot P_{45},\ B_1 = 320$

10150: $10012471081^{10} \Rightarrow 67 \cdot n,\ B_1 = 342$

10151: $10012471081^{12} \Rightarrow 79 \cdot n,\ B_1 = 382;\ \ q^{16},\ B_2 = 320$

10153: $1693^6 \Rightarrow 43 \cdot 337 \cdot 7673 \cdot 37171 \cdot 5700731,\ B_1 = 176$

10154: $37171^2 \Rightarrow 19\ldots,\ D$

10155: $37171^4 \Rightarrow 31\ldots,\ D$

10156: $37171^6 \Rightarrow 7\ldots,\ D$

10157: $37171^{10} \Rightarrow 23 \cdot 8999 \cdot 300301 \cdot p_{35},\ B_1 = 304$

10158: $37171^{12} \Rightarrow 18617 \cdot 2868166757 \cdot p_{42},\ B_1 = 331$

10159: $37171^{16} \Rightarrow 307 \cdot n,\ B_1 = 310$

10160: $37171^{18} \Rightarrow n,\ B_1 = 331$

10161: $37171^{22} \Rightarrow n,\ B_1 = 368$

10162: $37171^{28} \Rightarrow n,\ B_1 = 423;\ \ q^{30},\ B_3 = 304$

10164: $1693^{10} \Rightarrow 89 \cdot P_{31},\ B_1 = 218$

10165: $P_{31}^2 \Rightarrow 3 \cdot 1549 \cdot 75715621 \cdot 32709269344027259 1707077 \cdot P_{26},\ B_1 = 338$

10166: $P_{31}^4 \Rightarrow 101 \cdot n,\ B_1 = 402;\ \ q^6,\ B_2 = 364$

10168: $1693^{12} \Rightarrow 154571 \cdot 621102379 \cdot p_{25},\ B_1 = 237$

10169: $p_{25}^2 \Rightarrow 139 \cdot 197299 \cdot 3105371086267 \cdot p_{30},\ B_1 = 336$

10170: $p_{25}^4 \Rightarrow 11\ldots,\ D;\ \ q^6,\ B_3 = 336$

10172: $1693^{16} \Rightarrow 6733 \cdot 2561833 \cdot 25077688313 \cdot 475966185811 \cdot P_{20},\ B_1 = 276$

10173: $P_{20}^2 \Rightarrow 7\ldots,\ D$

10174: $P_{20}^4,\ B_3 = 315$

10175: $1693^{18} \Rightarrow P_{59},\ B_1 = 295$

10176: $P_{59}^2 \Rightarrow 3 \cdot n,\ B_1 = 411;\ \ q^4,\ B_2 = 464$

10178: $1693^{22} \Rightarrow 691 \cdot 284080729 \cdot p_{60},\ B_1 = 334$
10179: $1693^{28} \Rightarrow 59 \cdot n,\ B_1 = 304$
10180: $1693^{30} \Rightarrow n,\ B_1 = 315$
10181: $1693^{36} \Rightarrow 223 \cdot n,\ B_1 = 356$
10182: $1693^{40} \Rightarrow 83 \cdot n,\ B_1 = 381$
10183: $1693^{42} \Rightarrow 173 \cdot n,\ B_1 = 394$
10184: $1693^{46} \Rightarrow 47 \cdot 941 \cdot n,\ B_1 = 423;\ \ q^{52},\ B_2 = 335$
10186: $433^4 \Rightarrow 11 \ldots,\ D$
10187: $433^6 \Rightarrow 743 \cdot 5209 \cdot 1706822489,\ B_1 = 159$
10188: $1706822489^2 \Rightarrow 19 \ldots,\ D$
10189: $1706822489^4 \Rightarrow 11 \ldots,\ D$
10190: $1706822489^6 \Rightarrow 7 \ldots,\ D$
10191: $1706822489^{10} \Rightarrow n,\ B_1 = 325$
10192: $1706822489^{12} \Rightarrow n,\ B_1 = 362$
10193: $1706822489^{16} \Rightarrow 103 \cdot 307 \cdot n,\ B_1 = 436;\ \ q^{18},\ B_2 = 332$
10195: $433^{10} \Rightarrow 947 \cdot p_{24},\ B_1 = 191$
10196: $p_{24}^2 \Rightarrow 7 \ldots,\ D$
10197: $p_{24}^4 \Rightarrow n,\ B_1 = 331$
10198: $p_{24}^6 \Rightarrow n,\ B_1 = 425;\ \ q^{10},\ B_2 = 467$
10200: $433^{12} \Rightarrow 79 \cdot 473201 \cdot P_{25},\ B_1 = 206$
10201: $P_{25}^2 \Rightarrow 7 \ldots,\ D$
10202: $P_{25}^4 \Rightarrow 11 \ldots,\ D;\ \ q^6,\ B_3 = 303$
10204: $433^{16} \Rightarrow 637135506367 \cdot 3135617002117 \cdot P_{18},\ B_1 = 238$
10205: $P_{18}^2 \Rightarrow 24799 \cdot P_{32},\ B_1 = 310$
10206: $P_{18}^4 \Rightarrow 11 \ldots,\ D;\ \ q^6,\ B_3 = 310$
10208: $433^{18} \Rightarrow 2243 \cdot 483699493 \cdot 61043876787449 \cdot p_{22},\ B_1 = 254$
10209: $p_{22}^2 \Rightarrow 3 \cdot 43 \cdot 23487949 \cdot n,\ B_1 = 303$
10210: $p_{22}^4 \Rightarrow 11 \ldots,\ D;\ \ q^6,\ B_3 = 340$
10212: $433^{22} \Rightarrow 37236679 \cdot 78947593 \cdot 292907032266975083579 \cdot P_{23},\ B_1 = 286$
10213: $P_{23}^2 \Rightarrow 3 \cdot 877 \cdot n,\ B_1 = 333;\ \ q^4,\ B_3 = 330$
10215: $433^{28} \Rightarrow 59 \cdot 2437 \cdot 17807 \cdot 3524603 \cdot 40987498697 \cdot P_{48},\ B_1 = 333$
10216: $433^{30} \Rightarrow 16677527623 \cdot 2145932626904401703 \cdot P_{51},\ B_1 = 349$
10217: $433^{36} \Rightarrow 223 \cdot n,\ B_1 = 304$
10218: $433^{40} \Rightarrow n,\ B_1 = 322$
10219: $433^{42} \Rightarrow 431 \cdot n,\ B_1 = 336$
10220: $433^{46} \Rightarrow n,\ B_1 = 354$
10221: $433^{52} \Rightarrow n,\ B_1 = 386;\ \ q^{58},\ B_2 = 305$
10223: $631^4 \Rightarrow 11 \ldots,\ D$
10224: $631^6 \Rightarrow 7 \ldots,\ D$
10225: $631^{10} \Rightarrow 89 \cdot p_{27},\ B_1 = 185$
10226: $p_{27}^2 \Rightarrow 31 \ldots,\ D$
10227: $p_{27}^4 \Rightarrow n,\ B_1 = 341;\ \ q^6,\ B_2 = 312$
10229: $631^{12} \Rightarrow 131 \cdot 443 \cdot 26339 \cdot 103091 \cdot 289910167 \cdot 87353964127,\ B_1 = 202$
10230: $87353964127^2 \Rightarrow 3 \cdot 43^2 \cdot 710959 \cdot p_{13},\ B_1 = 241$
10231: $p_{13}^2 \Rightarrow 7 \ldots,\ D$
10232: $p_{13}^4 \Rightarrow n,\ B_1 = 315$
10233: $p_{13}^6 \Rightarrow 29 \cdot 211 \cdot n,\ B_1 = 368;\ \ q^{10},\ B_3 = 340$
10235: $87353964127^4 \Rightarrow 41 \cdot 1523261 \cdot 2436228601 \cdot p_{27},\ B_1 = 311$
10236: $87353964127^6 \Rightarrow 29 \cdot n,\ B_1 = 313$
10237: $87353964127^{10} \Rightarrow 11 \ldots,\ D;\ \ q^{12},\ B_3 = 311$
10239: $631^{16} \Rightarrow 103 \cdot 2347 \cdot 6990511083509 \cdot p_{27},\ B_1 = 235$
10240: $p_{27}^2 \Rightarrow 7 \ldots,\ D$
10241: $p_{27}^4 \Rightarrow n,\ B_1 = 395;\ \ q^6,\ B_3 = 342$
10243: $631^{18} \Rightarrow 457 \cdot p_{48},\ B_1 = 252$

10244: $p_{48}^2 \Rightarrow 3 \cdot n,\ B_1 = 347;\ \ q^4,\ B_2 = 381$

10246: $631^{22} \Rightarrow 2531 \cdot 17703090623091499 \cdot p_{42},\ B_1 = 286$

10247: $p_{42}^2 \Rightarrow 31 \ldots,\ D;\ \ q^4,\ B_3 = 370$

10249: $631^{28} \Rightarrow 59 \cdot 10489419887 \cdot 2613344573423 \cdot 415645821260733627662870 \cdot p_{32},\ B_1 = 336$

10250: $631^{30} \Rightarrow 3664883 \cdot 12428783986639 \cdot 73358209117811 \cdot P_{51},\ B_1 = 353$

10251: $631^{36} \Rightarrow n,\ B_1 = 303$

10252: $631^{40} \Rightarrow 739 \cdot n,\ B_1 = 328$

10253: $631^{42} \Rightarrow n,\ B_1 = 336$

10254: $631^{46} \Rightarrow 941 \cdot n,\ B_1 = 362$

10255: $631^{52} \Rightarrow n,\ B_1 = 392;\ \ q^{58},\ B_2 = 324$

10257: $43^4 \Rightarrow 3500201,\ B_1 = 116$

10258: $3500201^2 \Rightarrow 13 \cdot 139 \cdot 28411 \cdot 238639,\ B_1 = 140$

10259: $238639^2 \Rightarrow 7 \ldots,\ D$

10260: $238639^4 \Rightarrow 11 \ldots,\ D$

10261: $238639^6 \Rightarrow 93283 \cdot 630802538549 \cdot P_{16},\ B_1 = 226$

10262: $P_{16}^2 \Rightarrow 127 \ldots,\ D$

10263: $P_{16}^4 \Rightarrow 11 \ldots,\ D$

10264: $P_{16}^6 \Rightarrow 7 \ldots,\ D;\ \ q^{10},\ B_3 = 350$

10266: $238639^{10} \Rightarrow 2113 \cdot 8999 \cdot 27809 \cdot 14523481347013 \cdot P_{29},\ B_1 = 291$

10267: $P_{29}^2 \Rightarrow 31 \ldots,\ D;\ \ q^4,\ B_3 = 349$

10269: $238639^{12} \Rightarrow 2502096923 \cdot P_{56},\ B_1 = 323$

10270: $238639^{16} \Rightarrow 137 \cdot n,\ B_1 = 304$

10271: $238639^{18} \Rightarrow n,\ B_1 = 323$

10272: $238639^{22} \Rightarrow n,\ B_1 = 366;\ \ q^{28},\ B_2 = 301$

10274: $3500201^4 \Rightarrow 5 \cdot 689261 \cdot 38745181 \cdot p_{13},\ B_1 = 182$

10275: $p_{13}^2 \Rightarrow 3 \cdot 6679 \cdot P_{20},\ B_1 = 230$

10276: $P_{20}^2 \Rightarrow 3 \cdot 1429 \cdot P_{36},\ B_1 = 308$

10277: $P_{20}^4 \Rightarrow 11 \ldots,\ D$

10278: $P_{20}^6,\ B_3 = 309$

10279: $p_{13}^4 \Rightarrow 5 \cdot 61 \cdot 761 \cdot 21444131 \cdot 2908100788751 \cdot p_{24},\ B_1 = 301$

10280: $p_{13}^6 \Rightarrow 43 \cdot n,\ B_1 = 301$

10281: $p_{13}^{10} \Rightarrow n,\ B_1 = 399;\ \ q^{12},\ B_3 = 302$

10283: $3500201^6 \Rightarrow 2993659246691 \cdot p_{27},\ B_1 = 221$

10284: $p_{27}^2 \Rightarrow 13 \cdot 487 \cdot 1904647 \cdot 7016077 \cdot P_{37},\ B_1 = 326$

10285: $p_{27}^4 \Rightarrow 181 \cdot n,\ B_1 = 384;\ \ q^6,\ B_3 = 328$

10287: $3500201^{10} \Rightarrow 11 \ldots,\ D$

10288: $3500201^{12} \Rightarrow 53 \cdot 7541 \cdot 18253 \cdot 1139668843 \cdot P_{60},\ B_1 = 339$

10289: $3500201^{16} \Rightarrow n,\ B_1 = 313$

10290: $3500201^{18} \Rightarrow 229 \cdot 761 \cdot n,\ B_1 = 344$

10291: $3500201^{22} \Rightarrow 47^2 \cdot n,\ B_1 = 391;\ \ q^{28},\ B_2 = 366$

10293: $43^6 \Rightarrow 7 \ldots,\ D$

10294: $43^{10} \Rightarrow 6038099 \cdot 3664405207,\ B_1 = 146$

10295: $3664405207^2 \Rightarrow 3 \cdot 24499 \cdot p_{15},\ B_1 = 184$

10296: $p_{15}^2 \Rightarrow 3 \cdot 8629 \cdot 24841 \cdot 33871 \cdot P_{16},\ B_1 = 240$

10297: $P_{16}^2 \Rightarrow 7 \ldots,\ D$

10298: $P_{16}^4 \Rightarrow 11 \ldots,\ D;\ \ q^6,\ B_3 = 301$

10300: $p_{15}^4 \Rightarrow 5 \cdot 1901 \cdot 222601 \cdot 86981428234359601 01 \cdot p_{29},\ B_1 = 327$

10301: $p_{15}^6 \Rightarrow n,\ B_1 = 327$

10302: $p_{15}^{10} \Rightarrow n,\ B_1 = 441;\ \ q^{12},\ B_2 = 342$

10304: $3664405207^4 \Rightarrow 87041 \cdot 1773734951 \cdot 167971238651 \cdot p_{13},\ B_1 = 241$

10305: $p_{13}^2 \Rightarrow 31 \ldots,\ D$

10306: $p_{13}^4 \Rightarrow 11 \ldots,\ D$

10307: $p_{13}^6 \Rightarrow 43 \cdot 239 \cdot n,\ B_1 = 371;\ \ q^{10},\ B_3 = 344$

10309: $3664405207^6 \Rightarrow 7 \ldots,\ D$

10310: $3664405207^{10} \Rightarrow 11\ldots,\ D$

10311: $3664405207^{12} \Rightarrow 53\cdot n,\ B_1 = 358;\ \ q^{16},\ B_2 = 306$

10313: $43^{12} \Rightarrow p_{20},\ B_1 = 156$

10314: $p_{20}^2 \Rightarrow 3\cdot 607\cdot 8640065584450429\cdot P_{21},\ B_1 = 234$

10315: $P_{21}^2 \Rightarrow 3\cdot 280645198852411\cdot p_{26},\ B_1 = 313$

10316: $P_{21}^4 \Rightarrow 11\ldots,\ D;\ \ q^6,\ B_3 = 314$

10318: $p_{20}^4 \Rightarrow 5\cdot 20641\cdot 33851\cdot P_{69},\ B_1 = 352$

10319: $p_{20}^6 \Rightarrow n,\ B_1 = 352;\ \ q^{10},\ B_2 = 392$

10321: $43^{16} \Rightarrow 647\cdot 56770350869\cdot P_{13},\ B_1 = 175$

10322: $P_{13}^2 \Rightarrow 9744277\cdot 250301089\cdot 5945177569,\ B_1 = 226$

10323: $5945177569^2 \Rightarrow 19\ldots,\ D$

10324: $5945177569^4 \Rightarrow 314641\cdot 2501057941841\cdot p_{22},\ B_1 = 323$

10325: $5945177569^6 \Rightarrow 967\cdot n,\ B_1 = 326;\ \ q^{10},\ B_3 = 304$

10327: $P_{13}^4 \Rightarrow 11\ldots,\ D$

10328: $P_{13}^6 \Rightarrow 7\ldots,\ D$

10329: $P_{13}^{10} \Rightarrow 23\cdot n,\ B_1 = 403;\ \ q^{12},\ B_2 = 301$

10331: $43^{18} \Rightarrow 229\cdot 2699\cdot 4219\cdot 46399\cdot P_{16},\ B_1 = 185$

10332: $P_{16}^2 \Rightarrow 7\ldots,\ D$

10333: $P_{16}^4 \Rightarrow 61\cdot 1254731\cdot 224132581\cdot 13041200971\cdot p_{35},\ B_1 = 338$

10334: $P_{16}^6 \Rightarrow 127\ldots,\ D;\ \ q^{10},\ B_3 = 308$

10336: $43^{22} \Rightarrow 11264087821629961\cdot p_{20},\ B_1 = 205$

10337: $p_{20}^2 \Rightarrow 7927\cdot 293941\cdot p_{31},\ B_1 = 284$

10338: $p_{31}^2 \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_3 = 345$

10340: $p_{20}^4 \Rightarrow n,\ B_1 = 324$

10341: $p_{20}^6 \Rightarrow 43\cdot n,\ B_1 = 402;\ \ q^{10},\ B_2 = 397$

10343: $43^{28} \Rightarrow 523\cdot 10499\cdot 3208002856867129\cdot p_{24},\ B_1 = 234$

10344: $p_{24}^2 \Rightarrow 3\cdot 43\cdot P_{45},\ B_1 = 325$

10345: $p_{24}^4 \Rightarrow 11\ldots,\ D;\ \ q^6,\ B_3 = 328$

10347: $43^{30} \Rightarrow 7069\cdot 37712369\cdot p_{38},\ B_1 = 244$

10348: $p_{38}^2 \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_3 = 319$

10350: $43^{36} \Rightarrow 11795676517\cdot 12857916473\cdot 1097982497857379\cdot P_{24},\ B_1 = 273$

10351: $P_{24}^2 \Rightarrow 31\ldots,\ D;\ \ q^4,\ B_3 = 320$

10353: $43^{40} \Rightarrow 12547\cdot 22567956738760374523 3\cdot P_{41},\ B_1 = 293$

10354: $P_{41}^2 \Rightarrow n,\ B_1 = 375;\ \ q^4,\ B_3 = 375$

10356: $43^{42} \Rightarrow 173\cdot 120401\cdot p_{62},\ B_1 = 303$

10357: $43^{46} \Rightarrow 1087882431908173866 61\cdot p_{56},\ B_1 = 322$

10358: $43^{52} \Rightarrow 444853169\cdot p_{77},\ B_1 = 352$

10359: $43^{58} \Rightarrow 22067\cdot 9882051071744 69\cdot n,\ B_1 = 306$

10360: $43^{60} \Rightarrow 8663\cdot 10402274784618850613 99\cdot p_{74},\ B_1 = 391$

10361: $43^{66} \Rightarrow n,\ B_1 = 312$

10362: $43^{70} \Rightarrow n,\ B_1 = 325$

10363: $43^{72} \Rightarrow 877\cdot n,\ B_1 = 335$

10364: $43^{78} \Rightarrow 317\cdot n,\ B_1 = 354$

10365: $43^{82} \Rightarrow n,\ B_1 = 365$

10366: $43^{88} \Rightarrow 179\cdot n,\ B_1 = 387;\ \ q^{96},\ B_2 = 313$

10368: $1117^2 \Rightarrow 7\ldots,\ D$

10369: $1117^4 \Rightarrow 41\cdot 251\cdot 331\cdot 457421,\ B_1 = 102$

10370: $457421^1 \Rightarrow 7\ldots,\ D$

10371: $457421^2 \Rightarrow 13\cdot 8431\cdot 1909021,\ B_1 = 123$

10372: $1909021^1 \Rightarrow 113\cdot 8447,\ B_1 = 156$

10373: $8447^2 \Rightarrow 19\ldots,\ D$

10374: $8447^4 \Rightarrow 1601\cdot p_{13},\ B_1 = 196$

10375: $p_{13}^2 \Rightarrow 61051\cdot 399451777\cdot 414746743129,\ B_1 = 246$

10376: $414746743129^2 \Rightarrow 127\ldots,\ D$

10377: $4147467431294 \Rightarrow 11\ldots,\ D$

10378: $4147467431296 \Rightarrow 113\cdot883\cdot n,\ B_1 = 363;\ \ q^{10},\ B_3 = 339$

10380: $p_{13}^4 \Rightarrow 5\cdot191\cdot2411\cdot84093991\cdot P_{36},\ B_1 = 321$

10381: $p_{13}^6 \Rightarrow 239\cdot n,\ B_1 = 323$

10382: $p_{13}^{10} \Rightarrow 89\cdot n,\ B_1 = 423;\ \ q^{12},\ B_3 = 321$

10384: $8447^6 \Rightarrow 3571\cdot43177\cdot P_{16},\ B_1 = 219$

10385: $P_{16}^2 \Rightarrow 31\ldots,\ D$

10386: $P_{16}^4 \Rightarrow 11\ldots,\ D$

10387: $P_{16}^6 \Rightarrow 7\ldots,\ D;\ \ q^{10},\ B_3 = 342$

10389: $8447^{10} \Rightarrow 23\cdot2861\cdot171007\cdot269282504108399\cdot P_{15},\ B_1 = 266$

10390: $P_{15}^2 \Rightarrow 287191\cdot P_{25},\ B_1 = 325$

10391: $P_{15}^4 \Rightarrow 61\cdot n,\ B_1 = 357;\ \ q^6,\ B_3 = 325$

10393: $8447^{12} \Rightarrow 131\cdot8191\cdot976639\cdot8537808787\cdot p_{26},\ B_1 = 290$

10394: $p_{26}^2 \Rightarrow 37\cdot n,\ B_1 = 342;\ \ q^4,\ B_3 = 340$

10396: $8447^{16} \Rightarrow 17137\cdot p_{59},\ B_1 = 337$

10397: $8447^{18} \Rightarrow 229\cdot2303124559\cdot P_{59},\ B_1 = 361$

10398: $8447^{22} \Rightarrow 47\cdot829\cdot n,\ B_1 = 326$

10399: $8447^{28} \Rightarrow n,\ B_1 = 368$

10400: $8447^{30} \Rightarrow n,\ B_1 = 384$

10401: $8447^{36} \Rightarrow 223\cdot n,\ B_1 = 434;\ \ q^{40},\ B_2 = 314$

10403: $1909021^2 \Rightarrow 7\ldots,\ D$

10404: $1909021^4 \Rightarrow 11\ldots,\ D$

10405: $1909021^6 \Rightarrow P_{38},\ B_1 = 223$

10406: $P_{38}^2 \Rightarrow 3\cdot61\cdot n,\ B_1 = 301;\ \ q^4,\ B_2 = 301$

10408: $1909021^{10} \Rightarrow 159457\cdot416263\cdot10777481419\cdot P_{42},\ B_1 = 299$

10409: $P_{42}^2 \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_3 = 383$

10411: $1909021^{12} \Rightarrow 79\cdot8243\cdot4470077\cdot16393848177155197036 7\cdot P_{43},\ B_1 = 336$

10412: $1909021^{16} \Rightarrow 239\cdot n,\ B_1 = 314$

10413: $1909021^{18} \Rightarrow n,\ B_1 = 336$

10414: $1909021^{22} \Rightarrow n,\ B_1 = 387;\ \ q^{28},\ B_2 = 351$

10416: $457421^4 \Rightarrow 31\ldots,\ D$

10417: $457421^6 \Rightarrow 701\cdot32468123269\cdot P_{21},\ B_1 = 193$

10418: $P_{21}^2 \Rightarrow 13\cdot73\cdot313\cdot10099\cdot P_{32},\ B_1 = 273$

10419: $P_{32}^2 \Rightarrow 3\cdot n,\ B_1 = 337;\ \ q^4,\ B_3 = 337$

10421: $P_{21}^4 \Rightarrow 131\cdot n,\ B_1 = 319$

10422: $P_{21}^6 \Rightarrow 7\ldots,\ D;\ \ q^{10},\ B_2 = 412$

10424: $457421^{10} \Rightarrow 661\cdot4754597\cdot140084304076289\cdot74311371570459 77\cdot P_{18},\ B_1 = 261$

10425: $P_{18}^2 \Rightarrow 19\ldots,\ D$

10426: $P_{18}^4 \Rightarrow 5\cdot n,\ B_1 = 364;\ \ q^6,\ B_3 = 329$

10428: $457421^{12} \Rightarrow 2237429767\cdot P_{59},\ B_1 = 295$

10429: $P_{59}^2 \Rightarrow 3\cdot n,\ B_1 = 412;\ \ q^4,\ B_2 = 468$

10431: $457421^{16} \Rightarrow 137\cdot1026427\cdot56092652699798456935 61\cdot P_{61},\ B_1 = 363$

10432: $457421^{18} \Rightarrow 12949603\cdot n,\ B_1 = 302$

10433: $457421^{22} \Rightarrow 47\cdot599\cdot691\cdot n,\ B_1 = 347;\ \ q^{28},\ B_2 = 316$

10435: $1117^6 \Rightarrow P_{19},\ B_1 = 121$

10436: $P_{19}^2 \Rightarrow 3\cdot907\cdot1039\cdot584398351\cdot9023174851\cdot253514958703,\ B_1 = 194$

10437: $253514958703^2 \Rightarrow 3\cdot229\cdot289093741\cdot323602414939,\ B_1 = 238$

10438: $323602414939^2 \Rightarrow 3\cdot4456789\cdot5121463\cdot1529276941,\ B_1 = 285$

10439: $1529276941^1 \Rightarrow n,\ B_1 = 312$

10440: $1529276941^2 \Rightarrow 3\cdot n,\ B_1 = 302;\ \ q^4,\ B_3 = 303$

10442: $323602414939^4 \Rightarrow 61\cdot n,\ B_1 = 309$

10443: $323602414939^6 \Rightarrow n,\ B_1 = 354;\ \ q^{10},\ B_3 = 331$

10445: $253514958703^4 \Rightarrow 61\cdot761\cdot168890041\cdot60021459368851\cdot P_{19},\ B_1 = 308$

10446: $253514958703^6 \Rightarrow 29\cdot211\cdot n,\ B_1 = 312$

10447: $253514958703^{10} \Rightarrow 463 \cdot n,\ B_1 = 402;\ \ q^{12},\ B_3 = 308$
10449: $P_{19}^{4} \Rightarrow 20222253615175394 71 \cdot 2757723043860920801 \cdot P_{37},\ B_1 = 304$
10450: $P_{19}^{6} \Rightarrow 7 \ldots,\ D;\ \ q^{10},\ B_2 = 365$
10452: $1117^{10} \Rightarrow 23 \cdot 353 \cdot 389687 \cdot 352536911 \cdot p_{13},\ B_1 = 157$
10453: $p_{13}^{1} \Rightarrow 3 \cdot 5 \cdot 17 \ldots,\ S\ \ 3^2 \cdot 5^2 \cdot 13^{30} \cdot 17^2$
10454: $p_{13}^{2} \Rightarrow 32089 \cdot P_{21},\ B_1 = 207$
10455: $P_{21}^{2} \Rightarrow 19 \ldots,\ D$
10456: $P_{21}^{4} \Rightarrow 31 \ldots,\ D$
10457: $P_{21}^{6} \Rightarrow 43 \cdot n,\ B_1 = 412;\ \ q^{10},\ B_2 = 407$
10459: $p_{13}^{4} \Rightarrow p_{50},\ B_1 = 260$
10460: $p_{50}^{1} \Rightarrow 139 \cdot n,\ B_1 = 311$
10461: $p_{50}^{2} \Rightarrow 7 \ldots,\ D;\ \ q^{4},\ B_2 = 397$
10463: $p_{13}^{6} \Rightarrow 43 \cdot 491 \cdot 6230981 \cdot P_{64},\ B_1 = 356$
10464: $p_{13}^{10} \Rightarrow 11 \ldots,\ D$
10465: $p_{13}^{12} \Rightarrow n,\ B_1 = 431;\ \ q^{16},\ B_2 = 397$
10467: $1117^{12} \Rightarrow 192513793603 \cdot P_{26},\ B_1 = 176$
10468: $P_{26}^{2} \Rightarrow 3 \cdot 2075641 \cdot 11605261 \cdot 7909103848783 \cdot p_{24},\ B_1 = 277$
10469: $p_{24}^{1} \Rightarrow 7 \ldots,\ D$
10470: $p_{24}^{2} \Rightarrow 3 \cdot 13 \cdot n,\ B_1 = 323;\ \ q^{4},\ B_3 = 324$
10472: $P_{26}^{4} \Rightarrow n,\ B_1 = 327;\ \ q^{6},\ B_2 = 303$
10474: $1117^{16} \Rightarrow 55931 \cdot P_{45},\ B_1 = 212$
10475: $P_{45}^{2} \Rightarrow 3 \cdot 139 \cdot n,\ B_1 = 303;\ \ q^{4},\ B_2 = 352$
10477: $1117^{18} \Rightarrow 412116160123267 \cdot 3332206185083623 \cdot P_{25},\ B_1 = 230$
10478: $P_{25}^{2} \Rightarrow 3 \cdot 109 \cdot 313 \cdot 1394670852671455 95523 \cdot p_{25},\ B_1 = 329$
10479: $P_{25}^{4} \Rightarrow 41 \cdot n,\ B_1 = 380;\ \ q^{6},\ B_3 = 329$
10481: $1117^{22} \Rightarrow 47 \cdot 1876201403 \cdot P_{57},\ B_1 = 267$
10482: $P_{57}^{2} \Rightarrow 37 \cdot n,\ B_1 = 381;\ \ q^{4},\ B_2 = 448$
10484: $1117^{28} \Rightarrow 100913891963 \cdot c_{75},\ B_1 = 248$
10485: $100913891963^{2} \Rightarrow 157 \cdot 271 \cdot 8821 \cdot 157579 \cdot 172193521,\ B_1 = 292$
10486: $172193521^{1} \Rightarrow 41 \cdot n,\ B_1 = 321$
10487: $172193521^{2} \Rightarrow 3 \cdot 67 \cdot n,\ B_1 = 310;\ \ q^{4},\ B_3 = 308$
10489: $100913891963^{4} \Rightarrow 11 \ldots,\ D$
10490: $100913891963^{6} \Rightarrow 43 \cdot n,\ B_1 = 359;\ \ q^{10},\ B_3 = 336$
10492: $1117^{30} \Rightarrow 31 \ldots,\ D$
10493: $1117^{36} \Rightarrow 223 \cdot 1671251669 \cdot 70602909529 \cdot 8865864979541 \cdot P_{75},\ B_1 = 395$
10494: $1117^{40} \Rightarrow 83 \cdot n,\ B_1 = 312$
10495: $1117^{42} \Rightarrow n,\ B_1 = 322$
10496: $1117^{46} \Rightarrow n,\ B_1 = 346;\ \ q^{52},\ B_2 = 316$
10498: $13^{36} \Rightarrow 1481 \cdot 67495678093 \cdot 4287755796749 \cdot p_{14},\ B_1 = 106$
10499: $p_{14}^{1} \Rightarrow 89 \cdot 827 \cdot 217138189,\ B_1 = 133$
10500: $217138189^{2} \Rightarrow 7 \ldots,\ D$
10501: $217138189^{4} \Rightarrow 11 \ldots,\ D$
10502: $217138189^{6} \Rightarrow 211 \cdot 929033902259 \cdot P_{36},\ B_1 = 266$
10503: $P_{36}^{2} \Rightarrow 13 \cdot n,\ B_1 = 337;\ \ q^{4},\ B_3 = 338$
10505: $217138189^{10} \Rightarrow 859 \cdot p_{81},\ B_1 = 366$
10506: $217138189^{12} \Rightarrow n,\ B_1 = 316$
10507: $217138189^{16} \Rightarrow 409 \cdot n,\ B_1 = 385;\ \ q^{18},\ B_2 = 300$
10509: $p_{14}^{2} \Rightarrow 3 \cdot 13 \cdot 67 \cdot 151 \cdot p_{22},\ B_1 = 150$
10510: $p_{22}^{1} \Rightarrow 13 \cdot 131 \cdot 1789 \cdot 7477 \cdot 56836159529,\ B_1 = 190$
10511: $56836159529^{2} \Rightarrow 7 \ldots,\ D$
10512: $56836159529^{4} \Rightarrow 41 \cdot 61 \cdot 7785792221 \cdot p_{30},\ B_1 = 298$
10513: $p_{30}^{2} \Rightarrow 3 \cdot 67 \cdot 991 \cdot n,\ B_1 = 358;\ \ q^{4},\ B_3 = 357$
10515: $56836159529^{6} \Rightarrow 10312880787985427 \cdot n,\ B_1 = 314$
10516: $56836159529^{10} \Rightarrow n,\ B_1 = 384$

10517: $56836159529^{12} \Rightarrow n,\ B_1 = 427;\ \ q^{16},\ B_2 = 344$

10519: $p_{22}^{2} \Rightarrow 3 \cdot 73 \cdot 241 \cdot 25098841 \cdot 135964106617 \cdot p_{20},\ B_1 = 237$

10520: $p_{20}^{1} \Rightarrow 11 \ldots,\ D$

10521: $p_{20}^{2} \Rightarrow 19 \ldots,\ D$

10522: $p_{20}^{4} \Rightarrow 31 \ldots,\ D$

10523: $p_{20}^{6},\ B_3 = 322$

10524: $p_{22}^{4} \Rightarrow 5 \cdot 331 \cdot 2687231 \cdot p_{77},\ B_1 = 310$

10525: $p_{22}^{6} \Rightarrow 29 \cdot n,\ B_1 = 375;\ \ q^{10},\ B_2 = 428$

10527: $p_{14}^{4} \Rightarrow 11 \ldots,\ D$

10528: $p_{14}^{6} \Rightarrow 2549488493329 \cdot 4473173789623477 \cdot P_{53},\ B_1 = 320$

10529: $p_{14}^{10} \Rightarrow n,\ B_1 = 350;\ \ q^{12},\ B_2 = 324$

10531: $13^{40} \Rightarrow 6740847065723 \cdot P_{32},\ B_1 = 133$

10532: $P_{32}^{2} \Rightarrow 3 \cdot 457 \cdot 35816710543 \cdot p_{50},\ B_1 = 210$

10533: $p_{50}^{1} \Rightarrow 11 \ldots,\ D$

10534: $p_{50}^{2} \Rightarrow 3 \cdot 277 \cdot n,\ B_1 = 359;\ \ q^{4},\ B_2 = 398$

10536: $P_{32}^{4} \Rightarrow n,\ B_1 = 324;\ \ q^{6},\ B_2 = 381$

10538: $13^{42} \Rightarrow 119627 \cdot p_{42},\ B_1 = 98$

10539: $p_{42}^{1} \Rightarrow 3 \cdot 5 \cdot 153817 \cdot 6945564277 \cdot p_{26},\ B_1 = 181$

10540: $p_{26}^{2} \Rightarrow 7 \ldots,\ D$

10541: $p_{26}^{4} \Rightarrow 11 \ldots,\ D$

10542: $p_{26}^{6},\ B_2 = 302$

10543: $p_{42}^{2} \Rightarrow 7 \ldots,\ D;\ \ q^{4},\ B_2 = 333$

10545: $13^{46} \Rightarrow 183959 \cdot 19216136497 \cdot p_{36},\ B_1 = 118$

10546: $p_{36}^{1} \Rightarrow 139999 \cdot 112793887499 \cdot P_{20},\ B_1 = 188$

10547: $P_{20}^{2} \Rightarrow 66304949246499851 17 \cdot p_{20},\ B_1 = 265$

10548: $p_{20}^{2} \Rightarrow 31 \ldots,\ D;\ \ q^{4},\ B_3 = 305$

10550: $P_{20}^{4} \Rightarrow 11 \ldots,\ D$

10551: $P_{20}^{6} \Rightarrow 239 \cdot n,\ B_1 = 383;\ \ q^{10},\ B_2 = 384$

10553: $p_{36}^{2} \Rightarrow 7 \ldots,\ D$

10554: $p_{36}^{4} \Rightarrow 31 \ldots,\ D;\ \ q^{6},\ B_2 = 428$

10556: $13^{52} \Rightarrow 107 \cdot 194723 \cdot 189541180943969 \cdot 8403659652641423 \cdot P_{21},\ B_1 = 159$

10557: $P_{21}^{2} \Rightarrow 7 \ldots,\ D$

10558: $P_{21}^{4} \Rightarrow 101 \cdot 311 \cdot 5981 \cdot 15031 \cdot 2131939177110371 \cdot P_{54},\ B_1 = 363$

10559: $P_{21}^{6} \Rightarrow n,\ B_1 = 363;\ \ q^{10},\ B_2 = 408$

10561: $13^{58} \Rightarrow 273997 \cdot 5311771 \cdot p_{53},\ B_1 = 141$

10562: $p_{53}^{1} \Rightarrow 3 \cdot 5 \cdot 13 \cdot 4373 \cdot 334513009 \cdot P_{38},\ B_1 = 243$

10563: $P_{38}^{2} \Rightarrow 7 \ldots,\ D$

10564: $P_{38}^{4},\ B_3 = 318$

10565: $p_{53}^{2} \Rightarrow 19 \ldots,\ D;\ \ q^{4},\ B_2 = 419$

10567: $13^{60} \Rightarrow 4027 \cdot 4759 \cdot 7687 \cdot 27817 \cdot 92110001 \cdot 4672993939 \cdot 48401662036451 \cdot P_{20},\ B_1 = 192$

10568: $P_{20}^{2} \Rightarrow 3 \cdot 139 \cdot 733 \cdot 2998867639 \cdot 316089035473 \cdot P_{14},\ B_1 = 268$

10569: $P_{14}^{2} \Rightarrow 19 \ldots,\ D$

10570: $P_{14}^{4} \Rightarrow 5 \cdot n,\ B_1 = 350;\ \ q^{6},\ B_3 = 322$

10572: $P_{20}^{4} \Rightarrow n,\ B_1 = 312$

10573: $P_{20}^{6} \Rightarrow 7 \ldots,\ D;\ \ q^{10},\ B_2 = 398$

10575: $13^{66} \Rightarrow 586079017 \cdot 1093561021297 \cdot 1195860242597359 \cdot p_{38},\ B_1 = 182$

10576: $p_{38}^{1} \Rightarrow 31 \ldots,\ D$

10577: $p_{38}^{2} \Rightarrow 3 \cdot 13 \cdot 61 \cdot 335641 \cdot 1486141 \cdot 2308573241503 \cdot P_{48},\ B_1 = 357;\ \ q^{4},\ B_2 = 301$

10579: $13^{70} \Rightarrow 6959 \cdot 12923 \cdot 201499 \cdot p_{65},\ B_1 = 169$

10580: $p_{65}^{1} \Rightarrow 19 \ldots,\ D$

10581: $p_{65}^{2} \Rightarrow 7 \ldots,\ D;\ \ q^{4},\ B_2 = 518$

10583: $13^{72} \Rightarrow 145009586102490829218552548223336637 \cdot p_{46},\ B_1 = 195$

10584: $p_{46}^{1} \Rightarrow 1847 \cdot 2297 \cdot p_{39},\ B_1 = 285$

10585: $p_{39}^{2} \Rightarrow 3 \cdot n,\ B_1 = 361;\ \ q^{4},\ B_3 = 361$

10587: $p_{46}^2 \Rightarrow 3\cdot 13\cdot 739\cdot 170350247863\cdot p_{75},\ B_1 = 344;\ \ q^4,\ B_2 = 360$

10589: $13^{78} \Rightarrow 3793\cdot 16433\cdot 6709792556882923\cdot p_{64},\ B_1 = 197$

10590: $p_{64}^1 \Rightarrow 3\cdot 5\cdot 103\cdot 347\cdot 280518629\cdot P_{49},\ B_1 = 323$

10591: $p_{64}^2 \Rightarrow n,\ B_1 = 383;\ \ q^4,\ B_2 = 506$

10593: $13^{82} \Rightarrow 12451\cdot 1383113\cdot p_{82},\ B_1 = 192$

10594: $p_{82}^1 \Rightarrow 7\ldots,\ D;\ \ q^2,\ B_2 = 324$

10596: $13^{88} \Rightarrow 179\cdot 9257\cdot 7161645609270792400261893798 11\cdot p_{62},\ B_1 = 232$

10597: $p_{62}^1 \Rightarrow 7\ldots,\ D$

10598: $p_{62}^2 \Rightarrow 3\cdot 13\cdot 73\cdot n,\ B_1 = 415;\ \ q^4,\ B_2 = 495$

10600: $13^{96} \Rightarrow 389\cdot 971\cdot 93964390627\cdot p_{91},\ B_1 = 230$

10601: $p_{91}^1 \Rightarrow 13\cdot 47\cdot n,\ B_1 = 321;\ \ q^2,\ B_2 = 361$

10603: $13^{100} \Rightarrow 1213\cdot p_{109},\ B_1 = 225$

10604: $p_{109}^1 \Rightarrow 3\cdot n,\ B_1 = 334;\ \ q^2,\ B_2 = 433$

10606: $13^{102} \Rightarrow 5563\cdot 9577825183\cdot$
$29987256677243987446 3\cdot 14931854757359660767414 31\cdot P_{56},\ B_1 = 340$

10607: $13^{106} \Rightarrow 2141\cdot 3286126349184953\cdot P_{100},\ B_1 = 338$

10608: $13^{108} \Rightarrow 1091\cdot 2617\cdot 794018567\cdot 7730096009\cdot p_{96},\ B_1 = 265$

10609: $p_{96}^1 \Rightarrow 3\cdot 59\cdot n,\ B_1 = 362;\ \ q^2,\ B_2 = 380$

10611: $13^{112} \Rightarrow 1583\cdot 5651\cdot 114025363\cdot P_{110},\ B_1 = 374$

10612: $13^{126} \Rightarrow 5912867\cdot 190421635185941\cdot 1158067249074739788 17\cdot p_{100},\ B_1 = 321$

10613: $13^{130} \Rightarrow 263\cdot 135979\cdot 400852141\cdot P_{129},\ B_1 = 425;\ \ q^{136},\ B_2 = 302$

10615: $3^2 \Rightarrow 13, D$
10616: $3^4 \Rightarrow 11\ldots,\ D$
10617: $3^6 \Rightarrow 1093,\ B_1 = 5$
10618: $1093^1 \Rightarrow 547,\ B_1 = 11$
10619: $547^2 \Rightarrow 3\cdot 163\cdot 613,\ B_1 = 21$
10620: $613^2 \Rightarrow 7\ldots,\ D$
10621: $613^4 \Rightarrow 131\cdot 20161\cdot 53551,\ B_1 = 49$
10622: $53551^2 \Rightarrow 3\cdot 955921051,\ B_1 = 67$
10623: $955921051^2 \Rightarrow 3\cdot 3559\cdot p_{14},\ B_1 = 102$
10624: $p_{14}^2 \Rightarrow 19\ldots,\ D$
10625: $p_{14}^4 \Rightarrow 571\cdot 13665961\cdot P_{46},\ B_1 = 241$
10626: $P_{46}^2 \Rightarrow n,\ B_1 = 333;\ q^4,\ B_2 = 366$
10628: $p_{14}^6 \Rightarrow 29\cdot 24809\cdot 167326129658297345625644460098260112953\cdot P_{40},\ B_1 = 325$
10629: $p_{14}^{10} \Rightarrow 11\ldots,\ D;\ q^{12},\ B_2 = 334$
10631: $955921051^4 \Rightarrow 5\cdot 101\cdot 191\cdot 1238101\cdot 34441858081\cdot P_{15},\ B_1 = 157$
10632: $P_{15}^2 \Rightarrow 13\ldots,\ D$
10633: $P_{15}^4 \Rightarrow 5\cdot 991\cdot 2099583390123257885 71\cdot p_{34},\ B_1 = 298$
10634: $p_{34}^2 \Rightarrow 19\ldots,\ D$
10635: $p_{34}^4,\ B_3 = 365$
10636: $P_{15}^6 \Rightarrow n,\ B_1 = 300$
10637: $P_{15}^{10} \Rightarrow n,\ B_1 = 414;\ q^{12},\ B_2 = 343$
10639: $955921051^6 \Rightarrow 7\ldots,\ D$
10640: $955921051^{10} \Rightarrow 67\cdot P_{88},\ B_1 = 318$
10641: $955921051^{12} \Rightarrow 53\cdot 547\cdot 614693\cdot 17349094519439209801\cdot P_{79},\ B_1 = 367$
10642: $955921051^{16} \Rightarrow 17\cdot 103\cdot n,\ B_1 = 339;\ q^{18},\ B_2 = 323$
10644: $53551^4 \Rightarrow 11\ldots,\ D$
10645: $53551^6 \Rightarrow 7\ldots,\ D$
10646: $53551^{10} \Rightarrow 617\cdot 13597\cdot 425683567\cdot 12796663573\cdot 17834829893\cdot 237959523803,\ B_1 = 181$
10647: $237959523803^2 \Rightarrow p_{23},\ B_1 = 227$
10648: $p_{23}^2 \Rightarrow 13\ldots,\ D$
10649: $p_{23}^4 \Rightarrow 11\ldots,\ D;\ q^6,\ B_3 = 318$
10651: $237959523803^4 \Rightarrow 31\ldots,\ D$
10652: $237959523803^6 \Rightarrow 7\ldots,\ D$
10653: $237959523803^{10} \Rightarrow 11\ldots,\ D$
10654: $237959523803^{12} \Rightarrow 13\ldots,\ D;\ q^{16},\ B_2 = 364$
10656: $53551^{12} \Rightarrow 157\cdot 22485581\cdot 93150539\cdot 4173211667\cdot p_{30},\ B_1 = 210$
10657: $p_{30}^2 \Rightarrow 127\ldots,\ D$
10658: $p_{30}^4 \Rightarrow 11\ldots,\ D;\ q^6,\ B_2 = 355$
10660: $53551^{16} \Rightarrow 17\cdot 613\cdot 1531\cdot 2347\cdot 93739\cdot P_{61},\ B_1 = 261$
10661: $P_{61}^2 \Rightarrow 31\ldots,\ D;\ q^4,\ B_2 = 480$
10663: $53551^{18} \Rightarrow 30211\cdot 66110656219\cdot 4837571035607\cdot 118859495921827\cdot p_{44},\ B_1 = 295$
10664: $p_{44}^2 \Rightarrow 7\ldots,\ D;\ q^4,\ B_3 = 381$
10666: $53551^{22} \Rightarrow 47\cdot 139\cdot p_{101},\ B_1 = 351$
10667: $53551^{28} \Rightarrow n,\ B_1 = 304$
10668: $53551^{30} \Rightarrow n,\ B_1 = 323;\ q^{36},\ B_2 = 340$
10670: $613^6 \Rightarrow 43\cdot 71\cdot 55721\cdot 312410911,\ B_1 = 65$
10671: $312410911^2 \Rightarrow 3\cdot 163\cdot p_{15},\ B_1 = 94$
10672: $p_{15}^2 \Rightarrow 7\ldots,\ D$
10673: $p_{15}^4 \Rightarrow 11\ldots,\ D$
10674: $p_{15}^6 \Rightarrow 11621\cdot 4309453\cdot 890196300145741\cdot 11232304780631263923 59\cdot p_{40},\ B_1 = 323$
10675: $p_{15}^{10} \Rightarrow n,\ B_1 = 351;\ q^{12},\ B_2 = 343$
10677: $312410911^4 \Rightarrow 5\cdot p_{34},\ B_1 = 150$
10678: $p_{34}^2 \Rightarrow 13\ldots,\ D$
10679: $p_{34}^4 \Rightarrow 11\ldots,\ D$

$p_{34}^6,\ B_2 = 399$

$312410911^6 \Rightarrow 7\ldots,\ D$

$312410911^{10} \Rightarrow 23\cdot 13729\cdot 81973\cdot 241363\cdot 41569055691086790581\cdot p_{49},\ B_1 = 303$

$312410911^{12} \Rightarrow 32969\cdot 776311381\cdot c_{89},\ B_1 = 266$

$776311381^2 \Rightarrow 3\cdot 937\cdot 6301\cdot 34025270113,\ B_1 = 300$

$776311381^4 \Rightarrow 5\cdot n,\ B_1 = 320;\ \ q^6,\ B_3 = 301$

$312410911^{16} \Rightarrow 103\cdot n,\ B_1 = 322;\ \ q^{18},\ B_2 = 305$

$613^{10} \Rightarrow 2332903\cdot 7221259\cdot P_{15},\ B_1 = 99$

$P_{15}^2 \Rightarrow 29947\cdot 136328481943\cdot p_{14},\ B_1 = 158$

$p_{14}^2 \Rightarrow 7\ldots,\ D$

$p_{14}^4 \Rightarrow 5\cdot 151\cdot 821\cdot 2439901\cdot 85058364431\cdot p_{32},\ B_1 = 294$

$p_{32}^2 \Rightarrow 13\ldots,\ D$

$p_{32}^4,\ B_3 = 358$

$p_{14}^6 \Rightarrow 1734769\cdot n,\ B_1 = 301$

$p_{14}^{10} \Rightarrow 11\ldots,\ D;\ \ q^{12},\ B_2 = 328$

$P_{15}^4 \Rightarrow 46472672201\cdot p_{48},\ B_1 = 245$

$p_{48}^2 \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_2 = 383$

$P_{15}^6 \Rightarrow 953\cdot 51876653417485 1929\cdot p_{68},\ B_1 = 333$

$P_{15}^{10} \Rightarrow 11\ldots,\ D;\ \ q^{12},\ B_2 = 351$

$613^{12} \Rightarrow 15263\cdot 42017\cdot 18910643831\cdot p_{15},\ B_1 = 116$

$p_{15}^2 \Rightarrow 7\ldots,\ D$

$p_{15}^4 \Rightarrow 11\ldots,\ D$

$p_{15}^6 \Rightarrow 52614451\cdot p_{79},\ B_1 = 346$

$p_{15}^{10} \Rightarrow 881\cdot n,\ B_1 = 377;\ \ q^{12},\ B_2 = 344$

$613^{16} \Rightarrow 17\cdot 1123\cdot 72504389\cdot P_{33},\ B_1 = 149$

$P_{33}^2 \Rightarrow 37\cdot 181\cdot 6155257\cdot 32401146637\cdot 330761523395793757\cdot p_{27},\ B_1 = 279$

$p_{27}^2 \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_3 = 331$

$P_{33}^4 \Rightarrow 11\ldots,\ D;\ \ q^6,\ B_2 = 389$

$613^{18} \Rightarrow 1103\cdot 2053\cdot 2538097\cdot 728015095055701\cdot p_{23},\ B_1 = 166$

$p_{23}^2 \Rightarrow 127\ldots,\ D$

$p_{23}^4 \Rightarrow 11\ldots,\ D$

$p_{23}^6 \Rightarrow n,\ B_1 = 391;\ \ q^{10},\ B_2 = 451$

$613^{22} \Rightarrow 47\cdot 139\cdot 258152562478316568537260424 07\cdot p_{30},\ B_1 = 199$

$p_{30}^2 \Rightarrow 3\cdot 1723\cdot P_{55},\ B_1 = 315$

$p_{30}^4 \Rightarrow 31\ldots,\ D;\ \ q^6,\ B_2 = 349$

$613^{28} \Rightarrow 12413\cdot 735731\cdot 1561883\cdot 17598941\cdot p_{55},\ B_1 = 249$

$p_{55}^2 \Rightarrow 103\cdot 883\cdot n,\ B_1 = 364;\ \ q^4,\ B_2 = 437$

$613^{30} \Rightarrow 1319968229962223\cdot 305994918591696787\cdot P_{52},\ B_1 = 266$

$P_{52}^2 \Rightarrow n,\ B_1 = 368;\ \ q^4,\ B_2 = 408$

$613^{36} \Rightarrow 149\cdot 33967\cdot 1819217\cdot$
$13596917652406300838 3\cdot 42021345032369001192936209\cdot p_{42},\ B_1 = 316$

$613^{40} \Rightarrow 11659499\cdot 23498413\cdot P_{98},\ B_1 = 350$

$613^{42} \Rightarrow 3527\cdot 1838269590887\cdot 9264925569850335607\cdot c_{83},\ B_1 = 284$

$P_{19}^2 \Rightarrow 3\cdot n,\ B_1 = 322;\ \ q^4,\ B_3 = 322$

$613^{46} \Rightarrow 659\cdot 2633\cdot 5863634991947\cdot 2639395353650659\cdot n,\ B_1 = 306$

$613^{52} \Rightarrow n,\ B_1 = 305;\ \ q^{58},\ B_2 = 323$

$547^4 \Rightarrow 431\cdot 208097431,\ B_1 = 38$

$208097431^2 \Rightarrow 19\ldots,\ D$

$208097431^4 \Rightarrow 11\ldots,\ D$

$208097431^6 \Rightarrow 347509\cdot p_{45},\ B_1 = 171$

$p_{45}^2 \Rightarrow 31\ldots,\ D;\ \ q^4,\ B_2 = 354$

$208097431^{10} \Rightarrow 23\cdot 2454343\cdot 309378829\cdot$
$59282705621197061161181\cdot p_{45},\ B_1 = 271$

$p_{45}^2 \Rightarrow n,\ B_1 = 360;\ \ q^4,\ B_3 = 360$

10748: $208097431^{12} \Rightarrow 7132594223 \cdot 82753268919751 \cdot p_{77},\ B_1 = 321$

10749: $208097431^{16} \Rightarrow 1070933 \cdot 3167849 \cdot 67444067 \cdot n,\ B_1 = 308$

10750: $208097431^{18} \Rightarrow n,\ B_1 = 321;\ \ q^{22},\ B_2 = 366$

10752: $547^6 \Rightarrow 7 \ldots,\ D$

10753: $547^{10} \Rightarrow 23 \cdot 10847 \cdot p_{22},\ B_1 = 88$

10754: $p_{22}^2 \Rightarrow 7 \ldots,\ D$

10755: $p_{22}^4 \Rightarrow 116911 \cdot 180812089241029711 \cdot p_{66},\ B_1 = 307$

10756: $p_{22}^6 \Rightarrow 29 \cdot n,\ B_1 = 309;\ \ q^{10},\ B_2 = 439$

10758: $547^{12} \Rightarrow 13 \ldots,\ D$

10759: $547^{16} \Rightarrow 52837 \cdot 83156401152671221 \cdot p_{23},\ B_1 = 137$

10760: $p_{23}^2 \Rightarrow 10753 \cdot 755617 \cdot 11760169 \cdot 467082559 \cdot p_{19},\ B_1 = 225$

10761: $p_{19}^2 \Rightarrow 3 \cdot 109 \cdot p_{35},\ B_1 = 299$

10762: $p_{35}^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_3 = 369$

10764: $p_{19}^4 \Rightarrow 491 \cdot n,\ B_1 = 340;\ \ q^6,\ B_3 = 300$

10766: $p_{23}^4 \Rightarrow 151 \cdot 331 \cdot 5492081601096474885 91 \cdot P_{64},\ B_1 = 358$

10767: $p_{23}^6 \Rightarrow 281 \cdot n,\ B_1 = 361;\ \ q^{10},\ B_2 = 443$

10769: $547^{18} \Rightarrow p_{50},\ B_1 = 153$

10770: $p_{50}^2 \Rightarrow 3 \cdot 30811280105338256 83 \cdot c_{80},\ B_1 = 270$

10771: $P_{19}^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_3 = 307$

10773: $p_{50}^4,\ B_2 = 394$

10774: $547^{22} \Rightarrow 5070427577437 \cdot 66751010636875443537 91 \cdot P_{26},\ B_1 = 186$

10775: $P_{26}^2 \Rightarrow 473257 \cdot 1441885987 \cdot 2081320052221 \cdot P_{25},\ B_1 = 289$

10776: $P_{25}^2 \Rightarrow 7 \ldots,\ D$

10777: $P_{25}^4,\ B_3 = 337$

10778: $P_{26}^4 \Rightarrow 5 \cdot n,\ B_1 = 341;\ \ q^6,\ B_2 = 308$

10780: $547^{28} \Rightarrow 59 \cdot 2437 \cdot 3539 \cdot 463247 \cdot 14291491 \cdot 1956551697798059639 \cdot P_{37},\ B_1 = 235$

10781: $P_{37}^2 \Rightarrow 19 \ldots,\ D;\ \ q^4,\ B_3 = 309$

10783: $547^{30} \Rightarrow 178561 \cdot 29624978358656025418485444023076424099 \cdot P_{40},\ B_1 = 252$

10784: $P_{40}^2 \Rightarrow 3 \cdot n,\ B_1 = 330;\ \ q^4,\ B_3 = 331$

10786: $547^{36} \Rightarrow 109707531023 \cdot$
$33060283677540575719 \cdot 41442305731241021565766 1737 \cdot p_{42},\ B_1 = 301$

10787: $547^{40} \Rightarrow 83 \cdot 2953 \cdot 180073 \cdot 8827336081 \cdot 110682746381 \cdot$
$11180314254562856114389 \cdot 41230422861599276818205059 81 \cdot P_{29},\ B_1 = 334$

10788: $547^{42} \Rightarrow 1291 \cdot 754651 \cdot 262192759 \cdot 279252065531159691 3547 \cdot c_{77},\ B_1 = 274$

10789: $P_{22}^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_3 = 317$

10791: $547^{46} \Rightarrow 283 \cdot 45403 \cdot 378252138763 \cdot$
$21727126147583729 \cdot 40084356026581333171 97 \cdot P_{70},\ B_1 = 383$

10792: $547^{52} \Rightarrow 107 \cdot 1809421 \cdot c_{135},\ B_1 = 298$

10793: $1809421^2 \Rightarrow 13 \ldots,\ D;\ \ q^4,\ B_3 = 311$

10795: $547^{58},\ B_2 = 317$

10796: $1093^2 \Rightarrow 3 \cdot 398581,\ B_1 = 14$

10797: $398581^1 \Rightarrow 19 \ldots,\ D$

10798: $398581^2 \Rightarrow 3 \cdot 1621 \cdot 32668561,\ B_1 = 34$ *see also line* 11044

10799: $32668561^1 \Rightarrow 19 \ldots,\ D$

10800: $32668561^2 \Rightarrow 7 \ldots,\ D$

10801: $32668561^4 \Rightarrow 5 \cdot 12081356831 \cdot P_{20},\ B_1 = 113$

10802: $P_{20}^2 \Rightarrow 43 \cdot 409 \cdot 541 \cdot 1939009 \cdot 264660373 \cdot P_{17},\ B_1 = 185$

10803: $P_{17}^2 \Rightarrow 7 \ldots,\ D$

10804: $P_{17}^4 \Rightarrow 241 \cdot 71861 \cdot 1024591 \cdot 5547829711 \cdot 269267987071 \cdot P_{34},\ B_1 = 354$

10805: $P_{17}^6 \Rightarrow 43 \cdot n,\ B_1 = 352;\ \ q^{10},\ B_2 = 337$

10807: $P_{20}^4 \Rightarrow 11 \ldots,\ D$

10808: $P_{20}^6 \Rightarrow 379 \cdot n,\ B_1 = 308;\ \ q^{10},\ B_2 = 385$

10810: $32668561^6 \Rightarrow 140813 \cdot 59739115396332527 \cdot p_{24},\ B_1 = 138$

10811: $p_{24}^1 \Rightarrow 19 \ldots,\ D$

10812: $p_{24}^2 \Rightarrow 13\ldots,\ D$

10813: $p_{24}^4 \Rightarrow 11\ldots,\ D$

10814: $p_{24}^6 \Rightarrow 127\ldots,\ D;\ \ q^{10},\ B_2 = 463$

10816: $32668561^{10} \Rightarrow 1277 \cdot P_{73},\ B_1 = 248$

10817: $P_{73}^2 \Rightarrow 3 \cdot 73 \cdot n,\ B_1 = 394;\ \ q^4,\ B_2 = 576$

10819: $32668561^{12} \Rightarrow 1847 \cdot 3797 \cdot 65287 \cdot 115885814328467 \cdot$
$267580902161777119680545562 1061 \cdot P_{35},\ B_1 = 266$

10820: $P_{35}^2 \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_3 = 334$

10822: $32668561^{16} \Rightarrow 17 \cdot 784789 \cdot 269695222144919 \cdot P_{99},\ B_1 = 381$

10823: $32668561^{18} \Rightarrow 177917 \cdot 21020639246586 1950377 \cdot n,\ B_1 = 302;\ \ q^{22},\ B_2 = 330$

10825: $398581^4 \Rightarrow 5 \cdot 1866871 \cdot P_{16},\ B_1 = 75$

10826: $P_{16}^2 \Rightarrow 3 \cdot 250801819 \cdot 75619334851 \cdot 128493601339,\ B_1 = 136$

10827: $128493601339^2 \Rightarrow 3 \cdot 211 \cdot p_{20},\ B_1 = 160$

10828: $p_{20}^1 \Rightarrow P_{20},\ B_1 = 199$

10829: $P_{20}^2 \Rightarrow 3 \cdot 20899 \cdot 133519 \cdot 31721812063 \cdot p_{18},\ B_1 = 274$

10830: $p_{18}^2 \Rightarrow 7\ldots,\ D$

10831: $p_{18}^4,\ B_3 = 310$

10832: $P_{20}^4 \Rightarrow 11\ldots,\ D$

10833: $P_{20}^6 \Rightarrow 7\ldots,\ D$

10834: $P_{20}^{10},\ B_2 = 382$

10835: $p_{20}^2 \Rightarrow 13\ldots,\ D$

10836: $p_{20}^4 \Rightarrow 11\ldots,\ D$

10837: $p_{20}^6 \Rightarrow 7\ldots,\ D$

10838: $p_{20}^{10},\ B_2 = 388$

10839: $128493601339^4 \Rightarrow 11\ldots,\ D$

10840: $128493601339^6 \Rightarrow 43 \cdot 34847 \cdot 24612785597 \cdot p_{51},\ B_1 = 264$

10841: $p_{51}^1 \Rightarrow 19\ldots,\ D$

10842: $p_{51}^2,\ B_3 = 304$

10843: $128493601339^{10} \Rightarrow 23 \cdot 67 \cdot 353 \cdot n,\ B_1 = 340$

10844: $128493601339^{12} \Rightarrow n,\ B_1 = 380;\ \ q^{16},\ B_2 = 355$

10846: $P_{16}^4 \Rightarrow 11\ldots,\ D$

10847: $P_{16}^6 \Rightarrow 127\ldots,\ D;\ \ q^{10},\ B_2 = 308$

10849: $398581^6 \Rightarrow 7\ldots,\ D$

10850: $398581^{10} \Rightarrow 89 \cdot P_{55},\ B_1 = 175$

10851: $P_{55}^2 \Rightarrow 3 \cdot 607 \cdot 71869647051217 \cdot c_{91},\ B_1 = 287$

10852: $p_{14}^1 \Rightarrow 43 \cdot n,\ B_1 = 302$

10853: $p_{14}^2 \Rightarrow 3 \cdot n,\ B_1 = 326;\ \ q^4,\ B_3 = 326$

10855: $P_{55}^4,\ B_2 = 432$

10856: $398581^{12} \Rightarrow 13\ldots,\ D$

10857: $398581^{16} \Rightarrow 443 \cdot 1477666963 \cdot 34407390776872952533 \cdot p_{59},\ B_1 = 219$

10858: $p_{59}^1 \Rightarrow P_{58},\ B_1 = 335$

10859: $p_{59}^2 \Rightarrow 19\ldots,\ D;\ \ q^4,\ B_2 = 466$

10861: $398581^{18} \Rightarrow 229 \cdot 414270834109457833 14307399 \cdot$
$57383249149514075340063499 \cdot P_{48},\ B_1 = 309$

10862: $398581^{22} \Rightarrow 47 \cdot 6294779 \cdot 169428299981290271 \cdot c_{98},\ B_1 = 281$

10863: $P_{18}^2 \Rightarrow n,\ B_1 = 315;\ \ q^4,\ B_3 = 315$

10865: $398581^{28},\ B_2 = 313$

10866: $1093^4 \Rightarrow 11\ldots,\ D$

10867: $1093^6 \Rightarrow 7\ldots,\ D$

10868: $1093^{10} \Rightarrow 23 \cdot 6491 \cdot 2608387 \cdot p_{19},\ B_1 = 75$

10869: $p_{19}^1 \Rightarrow 13\ldots,\ D$

10870: $p_{19}^2 \Rightarrow 1009 \cdot 226063 \cdot p_{30},\ B_1 = 139$

10871: $p_{30}^1 \Rightarrow 5 \cdot 13608804697 \cdot P_{19},\ B_1 = 197$

10872: $P_{19}^2 \Rightarrow 73 \cdot 3187 \cdot 225637 \cdot P_{26},\ B_1 = 270$

10873: $P_{26}^{2} \Rightarrow 3 \cdot n,\ B_1 = 320;\ \ q^4,\ B_3 = 321$

10875: $P_{19}^{4} \Rightarrow 11 \ldots,\ D$

10876: $P_{19}^{6} \Rightarrow n,\ B_1 = 378;\ \ q^{10},\ B_2 = 362$

10878: $p_{30}^{2} \Rightarrow 7 \ldots,\ D$

10879: $p_{30}^{4} \Rightarrow 11 \ldots,\ D;\ \ q^6,\ B_2 = 350$

10881: $p_{19}^{4} \Rightarrow 41 \cdot p_{74},\ B_1 = 208$

10882: $p_{74}^{1} \Rightarrow 3^3 \cdot 773 \cdot 2719 \cdot 376679 \cdot 768091447 \cdot n,\ B_1 = 301$

10883: $p_{74}^{2} \Rightarrow n,\ B_1 = 427;\ \ q^4,\ B_2 = 588$

10885: $p_{19}^{6} \Rightarrow 1597 \cdot 4817 \cdot 18341 \cdot 11721781 \cdot 13794607 \cdot 1626784531 \cdot n,\ B_1 = 309;\ \ q^{10},\ B_2 = 375$

10887: $1093^{12} \Rightarrow 13 \ldots,\ D$

10888: $1093^{16} \Rightarrow 687183137093 \cdot p_{37},\ B_1 = 111$

10889: $p_{37}^{1} \Rightarrow 23 \cdot 59 \cdot 79 \cdot 38146383106717 \cdot p_{18},\ B_1 = 184$

10890: $p_{18}^{2} \Rightarrow 7 \ldots,\ D$

10891: $p_{18}^{4} \Rightarrow 131 \cdot 3181270442109001496011952323 31 \cdot p_{40},\ B_1 = 363$

10892: $p_{18}^{6} \Rightarrow n,\ B_1 = 363;\ \ q^{10},\ B_2 = 357$

10894: $p_{37}^{2} \Rightarrow 7 \ldots,\ D$

10895: $p_{37}^{4} \Rightarrow n,\ B_1 = 357;\ \ q^6,\ B_2 = 441$

10897: $1093^{18} \Rightarrow 70765979389514855242938 43 \cdot p_{30},\ B_1 = 137$

10898: $p_{30}^{1} \Rightarrow 13560749 \cdot 101946529177 \cdot 253541934287,\ B_1 = 196$

10899: $253541934287^{2} \Rightarrow 67 \cdot 103 \cdot 1327 \cdot P_{16},\ B_1 = 241$

10900: $P_{16}^{2} \Rightarrow 3 \cdot 3879163 \cdot 646863060703 \cdot P_{13},\ B_1 = 304$

10901: $P_{16}^{4} \Rightarrow 11 \ldots,\ D$

10902: $P_{16}^{6},\ B_3 = 305$

10903: $253541934287^{4} \Rightarrow 11 \ldots,\ D$

10904: $253541934287^{6} \Rightarrow 29 \cdot n,\ B_1 = 311$

10905: $253541934287^{10} \Rightarrow 89 \cdot n,\ B_1 = 403;\ \ q^{12},\ B_3 = 310$

10907: $p_{30}^{2} \Rightarrow 7 \ldots,\ D$

10908: $p_{30}^{4} \Rightarrow 31 \ldots,\ D;\ \ q^6,\ B_2 = 358$

10910: $1093^{22} \Rightarrow 47 \cdot 8489623 \cdot P_{59},\ B_1 = 203$

10911: $P_{59}^{2} \Rightarrow 3 \cdot n,\ B_1 = 319;\ \ q^4,\ B_2 = 465$

10913: $1093^{28} \Rightarrow 1770683 \cdot 18088782138332267 \cdot p_{63},\ B_1 = 195$

10914: $p_{63}^{1} \Rightarrow 3 \cdot 17 \cdot 659 \cdot 20509 \cdot 95002219309 \cdot 52860530421830688367 \cdot p_{23},\ B_1 = 319$

10915: $p_{63}^{2} \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_2 = 500$

10917: $1093^{30} \Rightarrow 29947 \cdot 36767 \cdot 6383521 \cdot P_{76},\ B_1 = 269$

10918: $P_{76}^{2},\ B_2 = 301$

10919: $1093^{36} \Rightarrow 3331 \cdot 6143 \cdot 152959 \cdot 2264623 \cdot 2327207131 \cdot 678868390398127759 \cdot p_{64},\ B_1 = 267$

10920: $p_{64}^{1} \Rightarrow 11 \ldots,\ D$

10921: $p_{64}^{2},\ B_3 = 331$

10922: $1093^{40} \Rightarrow 14755191029 \cdot c_{112},\ B_1 = 245$

10923: $14755191029^{1} \Rightarrow 3^2 \cdot 5 \cdot 79 \cdot 2075273,\ B_1 = 263$

10924: $2075273^{2} \Rightarrow 7 \ldots,\ D$

10925: $2075273^{4} \Rightarrow n,\ B_1 = 301$

10926: $2075273^{6} \Rightarrow 113 \cdot 449 \cdot n,\ B_1 = 331;\ \ q^{10},\ B_3 = 314$

10928: $14755191029^{2} \Rightarrow 31 \ldots,\ D$

10929: $14755191029^{4} \Rightarrow 271 \cdot 821 \cdot n,\ B_1 = 319$

10930: $14755191029^{6} \Rightarrow n,\ B_1 = 357;\ \ q^{10},\ B_3 = 337$

10932: $1093^{42} \Rightarrow 18061 \cdot c_{124},\ B_1 = 258$

10933: $18061^{1} \Rightarrow 11 \ldots,\ D$

10934: $18061^{2} \Rightarrow 19 \ldots,\ D$

10935: $18061^{4} \Rightarrow 5 \cdot 15361 \cdot p_{13},\ B_1 = 292$

10936: $p_{13}^{1} \Rightarrow 19 \ldots,\ D;\ \ q^2,\ B_3 = 300$

10938: $18061^{6} \Rightarrow 7 \ldots,\ D$

10939: $18061^{10} \Rightarrow 23 \cdot 353 \cdot n,\ B_1 = 340;\ \ q^{12},\ B_3 = 304$

10941: $1093^{46} \Rightarrow 283 \cdot 4513 \cdot 59221 \cdot 76423 \cdot 266112779 \cdot p_{116},\ B_1 = 306;\ \ q^{52},\ B_2 = 316$

10943: $3^{10} \Rightarrow 23 \cdot 3851,\ B_1 = 14$
10944: $3851^2 \Rightarrow 13 \ldots,\ D$
10945: $3851^4 \Rightarrow 5 \cdot 2289401 \cdot 19218301,\ B_1 = 43$
10946: $2289401^1 \Rightarrow 3^2 \cdot 127189,\ B_1 = 54$
10947: $127189^2 \Rightarrow 3 \cdot 229 \cdot 1129 \cdot 20857,\ B_1 = 73$
10948: $20857^2 \Rightarrow 7 \ldots,\ D$
10949: $20857^4 \Rightarrow 71 \cdot 151 \cdot 181 \ldots,\ S\ \ 3^{10} \cdot 5^2 \cdot 23^2 \cdot 71^2 \cdot 151^2 \cdot 181^2 \cdot 229^2$
10950: $20857^6 \Rightarrow P_{26},\ B_1 = 142$
10951: $P_{26}^2 \Rightarrow 3 \cdot 373 \cdot 499 \cdot 2663272666141 \cdot p_{34},\ B_1 = 245$
10952: $p_{34}^2 \Rightarrow 13 \ldots,\ D$
10953: $p_{34}^4,\ B_3 = 312$
10954: $P_{26}^4 \Rightarrow 70901 \cdot 17626991 \cdot n,\ B_1 = 310;\ \ q^6,\ B_2 = 310$
10956: $20857^{10} \Rightarrow 11 \ldots,\ D$
10957: $20857^{12} \Rightarrow 53 \cdot 5279 \cdot 3757807 \cdot p_{40},\ B_1 = 220$
10958: $p_{40}^2 \Rightarrow 7 \ldots,\ D$
10959: $p_{40}^4,\ B_2 = 318$
10960: $20857^{16} \Rightarrow 374987 \cdot P_{64},\ B_1 = 272$
10961: $P_{64}^2 \Rightarrow 3 \cdot 811 \cdot n,\ B_1 = 402;\ \ q^4,\ B_2 = 508$
10963: $20857^{18} \Rightarrow 40433 \cdot 1434553429 \cdot P_{64},\ B_1 = 298$
10964: $P_{64}^2 \Rightarrow 79 \cdot n,\ B_1 = 428;\ \ q^4,\ B_2 = 511$
10966: $20857^{22} \Rightarrow 47 \cdot 207682963 \cdot 487157527 \cdot 46325557316299 \cdot$
$142952807674127593 \cdot 26448233088116436931 \cdot p_{27},\ B_1 = 350$
10967: $20857^{28} \Rightarrow n,\ B_1 = 307$
10968: $20857^{30} \Rightarrow 311 \cdot 373 \cdot 683 \cdot n,\ B_1 = 332;\ \ q^{36},\ B_2 = 310$
10970: $127189^4 \Rightarrow 401 \cdot p_{18},\ B_1 = 105$
10971: $p_{18}^2 \Rightarrow 7 \ldots,\ D$
10972: $p_{18}^4 \Rightarrow 5 \cdot 3691 \cdot 10611871 \cdot 48909982021 \cdot 1257039902431 \cdot P_{38},\ B_1 = 282$
10973: $P_{38}^2 \Rightarrow 7 \ldots,\ D$
10974: $P_{38}^4,\ B_3 = 356$
10975: $p_{18}^6 \Rightarrow 224267 \cdot 17638391 \cdot c_{95},\ B_1 = 296$
10976: $17638391^2 \Rightarrow 19 \ldots,\ D$
10977: $17638391^4,\ B_3 = 310$
10978: $p_{18}^{10},\ B_2 = 356$
10979: $127189^6 \Rightarrow 29 \ldots,\ S\ \ 3^{10} \cdot 5^2 \cdot 23^2 \cdot 29^2$
10980: $127189^{10} \Rightarrow 89 \cdot 331 \cdot 3301 \cdot 103093 \cdot 133277 \cdot p_{33},\ B_1 = 197$
10981: $p_{33}^2 \Rightarrow 241 \cdot 71119 \cdot 104773 \cdot 3288805309 \cdot p_{45},\ B_1 = 328$
10982: $p_{33}^4 \Rightarrow n,\ B_1 = 394;\ \ q^6,\ B_2 = 395$
10984: $127189^{12} \Rightarrow 53 \cdot 222678353 \cdot p_{52},\ B_1 = 227$
10985: $p_{52}^2 \Rightarrow 3 \cdot 67 \ldots,\ S\ \ 3^{10} \cdot 5^2 \cdot 23^2 \cdot 53^2 \cdot 67^2$
10986: $p_{52}^4,\ B_2 = 409$
10987: $127189^{16} \Rightarrow 41243 \cdot 58889 \cdot 1067023 \cdot 1156613 \cdot 1262669323 \cdot 1551879550937 \cdot P_{39},\ B_1 = 289$
10988: $P_{39}^2 \Rightarrow 43 \cdot n,\ B_1 = 368;\ \ q^4,\ B_3 = 366$
10990: $127189^{18} \Rightarrow 15532919 \cdot p_{85},\ B_1 = 319$
10991: $127189^{22} \Rightarrow 47 \cdot 1381 \cdot 19919 \cdot 31741 \cdot 279451 \cdot 22223552431 \cdot P_{83},\ B_1 = 381$
10992: $127189^{28} \Rightarrow 233 \cdot n,\ B_1 = 332;\ \ q^{30},\ B_2 = 306$
10994: $2289401^2 \Rightarrow 7 \ldots,\ D$
10995: $2289401^4 \Rightarrow 11 \ldots,\ D$
10996: $2289401^6 \Rightarrow 29 \cdot 631 \cdot 701 \cdot 228932757124429 \cdot p_{17},\ B_1 = 135$
10997: $p_{17}^1 \Rightarrow 17 \ldots,\ S\ \ 3^{10} \cdot 5^2 \cdot 17^2 \cdot 23^2$
10998: $p_{17}^2 \Rightarrow 13 \ldots,\ D$
10999: $p_{17}^4 \Rightarrow 16061 \cdot 2866441 \cdot p_{57},\ B_1 = 263$
11000: $p_{57}^1 \Rightarrow 23 \ldots,\ S\ \ 3^{10} \cdot 5^2 \cdot 23^2 \cdot 29^2$
11001: $p_{57}^2,\ B_3 = 304$
11002: $p_{17}^6 \Rightarrow 7 \ldots,\ D$

11003: $p_{17}^{10},\ B_2 = 333$

11004: $2289401^{10} \Rightarrow 23 \cdot 186049117 \cdot p_{54},\ B_1 = 171$

11005: $p_{54}^{1} \Rightarrow 7 \ldots,\ D$

11006: $p_{54}^{2} \Rightarrow 607 \cdot n,\ B_1 = 328;\ \ q^4,\ B_2 = 431$

11008: $2289401^{12} \Rightarrow 53 \cdot 131 \cdot 117209 \cdot 11731409 \cdot$
$50015395142942087 \cdot 60450217731042257 \cdot p_{27},\ B_1 = 239$

11009: $p_{27}^{1} \Rightarrow 7 \ldots,\ D$

11010: $p_{27}^{2} \Rightarrow 3 \cdot 73 \cdot n,\ B_1 = 305;\ \ q^4,\ B_3 = 303$

11012: $2289401^{16} \Rightarrow 307 \cdot 4931 \cdot 480510271 \cdot 28611446640484632159 91 \cdot p_{66},\ B_1 = 277$

11013: $p_{66}^{1} \Rightarrow 3 \cdot n,\ B_1 = 342;\ \ q^2,\ B_3 = 335$

11015: $2289401^{18} \Rightarrow 16189 \cdot 42262006091 \cdot 8147135961413 \cdot 13651496620012642033 \cdot p_{68},\ B_1 = 313$

11016: $2289401^{22} \Rightarrow 277 \cdot n,\ B_1 = 312;\ \ q^{28},\ B_2 = 356$

11018: $3851^6 \Rightarrow 7 \ldots,\ D$

11019: $3851^{10} \Rightarrow 11 \ldots,\ D$

11020: $3851^{12} \Rightarrow 131 \cdot 84449 \cdot P_{36},\ B_1 = 131$

11021: $P_{36}^{2} \Rightarrow 7 \ldots,\ D$

11022: $P_{36}^{4} \Rightarrow n,\ B_1 = 347;\ \ q^6,\ B_2 = 431$

11024: $3851^{16} \Rightarrow 22271 \cdot P_{54},\ B_1 = 179$

11025: $P_{54}^{2} \Rightarrow 571 \cdot 1489 \cdot 2617 \cdot 481094026911382897 \cdot P_{80},\ B_1 = 374;\ \ q^4,\ B_2 = 424$

11027: $3851^{18} \Rightarrow 624607 \cdot P_{59},\ B_1 = 201$

11028: $P_{59}^{2} \Rightarrow 13 \ldots,\ D;\ \ q^4,\ B_2 = 469$

11030: $3851^{22} \Rightarrow 6329417 \cdot 161024482091113 \cdot 241901198286204829 \cdot p_{41},\ B_1 = 203$

11031: $p_{41}^{1} \Rightarrow 7 \ldots,\ D$

11032: $p_{41}^{2} \Rightarrow 223 \cdot n,\ B_1 = 310;\ \ q^4,\ B_2 = 323$

11034: $3851^{28} \Rightarrow 59 \cdot 968743261 \cdot P_{90},\ B_1 = 299$

11035: $P_{90}^{2},\ B_2 = 358$

11036: $3851^{30} \Rightarrow 1877604749324248859 71 \cdot 11122890549319606949752235251 \cdot p_{60},\ B_1 = 270$

11037: $p_{60}^{1} \Rightarrow 127 \ldots,\ D;\ \ q^2,\ B_3 = 330$

11039: $3851^{36} \Rightarrow 223 \cdot 10747148361067 \cdot 15587041224281 \cdot$
$2102593067704457 \cdot 17997352797019225387 99 \cdot P_{64},\ B_1 = 379$

11040: $3851^{40} \Rightarrow 83^2 \cdot 8935049 \cdot 745401181939717 \cdot n,\ B_1 = 301;\ \ q^{42},\ B_2 = 301$

11042: $3^{12} \Rightarrow 797161,\ B_1 = 11$

11043: $797161^1 \Rightarrow 398581,\ B_1 = 22$

11044: $398581^2 \Rightarrow 3 \cdot 1621 \cdot 32668561,\ B_1 = 44$ *see also line* 10798

11045: $32668561^2 \Rightarrow 7 \ldots,\ D$

11046: $32668561^4 \Rightarrow 5 \cdot 12081356831 \cdot P_{20},\ B_1 = 119$

11047: $P_{20}^{2} \Rightarrow 43 \cdot 409 \cdot 541 \cdot 1939009 \cdot 264660373 \cdot P_{17},\ B_1 = 196$

11048: $P_{17}^{2} \Rightarrow 7 \ldots,\ D$

11049: $P_{17}^{4} \Rightarrow 241 \cdot n,\ B_1 = 300$

11050: $P_{17}^{6} \Rightarrow 43 \cdot n,\ B_1 = 363;\ \ q^{10},\ B_2 = 337$

11052: $P_{20}^{4} \Rightarrow 11 \ldots,\ D$

11053: $P_{20}^{6} \Rightarrow 379 \cdot n,\ B_1 = 314;\ \ q^{10},\ B_2 = 385$

11055: $32668561^6 \Rightarrow 140813 \cdot 59739115396332527 \cdot p_{24},\ B_1 = 164$

11056: $p_{24}^{2} \Rightarrow 13 \ldots,\ D$

11057: $p_{24}^{4} \Rightarrow 11 \ldots,\ D$

11058: $p_{24}^{6} \Rightarrow 127 \ldots,\ D;\ \ q^{10},\ B_2 = 463$

11060: $32668561^{10} \Rightarrow 1277 \cdot P_{73},\ B_1 = 254$

11061: $P_{73}^{2} \Rightarrow 3 \cdot 73 \cdot n,\ B_1 = 400;\ \ q^4,\ B_2 = 576$

11063: $32668561^{12} \Rightarrow 1847 \cdot 3797 \cdot 65287 \cdot 115885814328467 \cdot$
$267580902161777119680545562 1061 \cdot P_{35},\ B_1 = 299$

11064: $P_{35}^{2} \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_3 = 367$

11066: $32668561^{16} \Rightarrow 17 \cdot 784789 \cdot 269695222144919 \cdot P_{99},\ B_1 = 389$

11067: $32668561^{18} \Rightarrow 177917 \cdot 210206392465861950377 \cdot n,\ B_1 = 325;\ \ q^{22},\ B_2 = 330$

11069: $398581^4 \Rightarrow 5 \cdot 1866871 \cdot P_{16},\ B_1 = 78$

11070: $P_{16}^2 \Rightarrow 3\cdot 250801819\cdot 75619334851\cdot 128493601339,\ B_1 = 139$
11071: $128493601339^2 \Rightarrow 3\cdot 211\cdot p_{20},\ B_1 = 183$
11072: $p_{20}^2 \Rightarrow 13\ldots,\ D$
11073: $p_{20}^4 \Rightarrow 11\ldots,\ D$
11074: $p_{20}^6 \Rightarrow 7\ldots,\ D$
11075: $p_{20}^{10},\ B_2 = 388$
11076: $128493601339^4 \Rightarrow 11\ldots,\ D$
11077: $128493601339^6 \Rightarrow 43\cdot 34847\cdot 24612785597\cdot p_{51},\ B_1 = 317$
11078: $128493601339^{10} \Rightarrow 23\cdot 67\cdot 353\cdot n,\ B_1 = 345$
11079: $128493601339^{12} \Rightarrow n,\ B_1 = 384;\ q^{16},\ B_2 = 355$
11081: $P_{16}^4 \Rightarrow 11\ldots,\ D$
11082: $P_{16}^6 \Rightarrow 127\ldots,\ D;\ q^{10},\ B_2 = 308$
11084: $398581^6 \Rightarrow 7\ldots,\ D$
11085: $398581^{10} \Rightarrow 89\cdot P_{55},\ B_1 = 179$
11086: $P_{55}^2 \Rightarrow 3\cdot 607\cdot 71869647051217\cdot n,\ B_1 = 303;\ q^4,\ B_2 = 432$
11088: $398581^{12} \Rightarrow 13\ldots,\ D$
11089: $398581^{16} \Rightarrow 443\cdot 1477666963\cdot 34407390776872952533\cdot p_{59},\ B_1 = 280$
11090: $p_{59}^2 \Rightarrow 19\ldots,\ D;\ q^4,\ B_2 = 466$
11092: $398581^{18} \Rightarrow 229\cdot 414270834109457833143073 99\cdot$
$57383249149514075340063499\cdot P_{48},\ B_1 = 314$
11093: $398581^{22} \Rightarrow 47\cdot 6294779\cdot 169428299981290271\cdot c_{98},\ B_1 = 283$
11094: $P_{18}^2 \Rightarrow n,\ B_1 = 318;\ q^4,\ B_3 = 318$
11096: $398581^{28},\ B_2 = 313$
11097: $797161^2 \Rightarrow 3\cdot 61\cdot 151\cdot 22996651,\ B_1 = 38$
11098: $22996651^2 \Rightarrow 3\cdot 43\cdot p_{13},\ B_1 = 56$
11099: $p_{13}^1 \Rightarrow P_{13},\ B_1 = 80$
11100: $P_{13}^2 \Rightarrow 3\cdot 249811\cdot p_{19},\ B_1 = 128$
11101: $p_{19}^2 \Rightarrow 19\ldots,\ D$
11102: $p_{19}^4 \Rightarrow 101\cdot 5581\cdot p_{70},\ B_1 = 316$
11103: $p_{19}^6 \Rightarrow 7\ldots,\ D;\ q^{10},\ B_2 = 374$
11105: $P_{13}^4 \Rightarrow 101\cdot 661\cdot 46601\cdot p_{40},\ B_1 = 203$
11106: $p_{40}^2 \Rightarrow 7\ldots,\ D;\ q^4,\ B_2 = 318$
11108: $P_{13}^6 \Rightarrow 43\cdot 673\cdot 362014591\cdot p_{61},\ B_1 = 274$
11109: $p_{61}^2 \Rightarrow 13\ldots,\ D;\ q^4,\ B_2 = 486$
11111: $P_{13}^{10} \Rightarrow 67\cdot n,\ B_1 = 304$
11112: $P_{13}^{12} \Rightarrow 53\cdot 157\cdot n,\ B_1 = 355;\ q^{16},\ B_2 = 393$
11114: $p_{13}^2 \Rightarrow 31\ldots,\ D$
11115: $p_{13}^4 \Rightarrow 11\ldots,\ D$
11116: $p_{13}^6 \Rightarrow 127\ldots,\ D$
11117: $p_{13}^{10} \Rightarrow 23\cdot 396045497\cdot 6542708904940517\cdot n,\ B_1 = 305;\ q^{12},\ B_2 = 302$
11119: $22996651^4 \Rightarrow 5\cdot 47700750211981\cdot p_{16},\ B_1 = 98$
11120: $p_{16}^1 \Rightarrow 331\cdot P_{13},\ B_1 = 128$
11121: $P_{13}^2 \Rightarrow 13\ldots,\ D$
11122: $P_{13}^4 \Rightarrow 11\ldots,\ D$
11123: $P_{13}^6 \Rightarrow 967\cdot 227893\cdot 3622081\cdot 212517284197\cdot 1663734598699824160 31\cdot p_{28},\ B_1 = 324$
11124: $P_{13}^{10} \Rightarrow n,\ B_1 = 348$
11125: $P_{13}^{12} \Rightarrow n,\ B_1 = 397;\ q^{16},\ B_2 = 391$
11127: $p_{16}^2 \Rightarrow 19\ldots,\ D$
11128: $p_{16}^4 \Rightarrow 31\ldots,\ D$
11129: $p_{16}^6 \Rightarrow 2437\cdot 423557\cdot 23497230929895616013\cdot$
$160031605557351326611\cdot p_{42},\ B_1 = 313;\ q^{10},\ B_2 = 301$
11131: $22996651^6 \Rightarrow 4159\cdot 3007801886540760499\cdot p_{23},\ B_1 = 135$
11132: $p_{23}^1 \Rightarrow 43\cdot 139\cdot 773\cdot p_{16},\ B_1 = 179$
11133: $p_{16}^2 \Rightarrow 7\ldots,\ D$

$p_{16}^4 \Rightarrow 11\ldots,\ D$

$p_{16}^6 \Rightarrow n,\ B_1 = 330;\ \ q^{10},\ B_2 = 302$

$p_{23}^2 \Rightarrow 19\ldots,\ D$

$p_{23}^4 \Rightarrow 211\cdot 8101\cdot 513511\cdot 131194841\cdot 147700651411\cdot n,\ B_1 = 313$

$p_{23}^6 \Rightarrow 7\ldots,\ D;\ \ q^{10},\ B_2 = 441$

$22996651^{10} \Rightarrow 23\cdot 67\cdot 1013\cdot 334093\cdot 776632319\cdot 8090452136779\cdot p_{41},\ B_1 = 206$

$p_{41}^1 \Rightarrow 5\ldots,\ S\ \ 3^{12}\cdot 5^2\cdot 23^2\cdot 61^2\cdot 67^2$

$p_{41}^2 \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_3 = 320$

$22996651^{12} \Rightarrow 79\cdot 868817\cdot 22772805657367475971\cdot p_{62},\ B_1 = 229$

$p_{62}^1 \Rightarrow 7\ldots,\ D$

$p_{62}^2 \Rightarrow 163\cdot n,\ B_1 = 409;\ \ q^4,\ B_2 = 489$

$22996651^{16} \Rightarrow 239\cdot 271012811\cdot 399929489\cdot 4305505681\cdot c_{89},\ B_1 = 280$

$4305505681^1 \Rightarrow 389\cdot 5534069,\ B_1 = 299$

$5534069^2 \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_3 = 312$

$4305505681^2 \Rightarrow 13\ldots,\ D;\ \ q^4,\ B_3 = 300$

$22996651^{18} \Rightarrow 19\ldots,\ D;\ \ q^{22},\ B_2 = 323$

$797161^4 \Rightarrow 5\cdot 2671\cdot 178601\cdot P_{15},\ B_1 = 71$

$P_{15}^2 \Rightarrow 31\ldots,\ D$

$P_{15}^4 \Rightarrow 11\ldots,\ D$

$P_{15}^6 \Rightarrow 10487\cdot 19853\cdot P_{78},\ B_1 = 298$

$P_{78}^2,\ B_2 = 308$

$P_{15}^{10} \Rightarrow 23\cdot n,\ B_1 = 328;\ \ q^{12},\ B_2 = 341$

$797161^6 \Rightarrow 7\ldots,\ D$

$797161^{10} \Rightarrow 23^2\cdot 67\cdot 9791\cdot 75252409\cdot P_{43},\ B_1 = 172$

$P_{43}^2 \Rightarrow 3\cdot 18083059\cdot 4166588296358067963524 17\cdot p_{54},\ B_1 = 295$

$p_{54}^1 \Rightarrow 19\ldots,\ D;\ \ q^2,\ B_3 = 325$

$P_{43}^4,\ B_2 = 340$

$797161^{12} \Rightarrow 13\ldots,\ D$

$797161^{16} \Rightarrow 22281804694722559453360603930 1\cdot p_{66},\ B_1 = 223$

$p_{66}^1 \Rightarrow 29\cdot 8331612343\cdot n,\ B_1 = 300$

$p_{66}^2 \Rightarrow 3\cdot n,\ B_1 = 389;\ \ q^4,\ B_2 = 520$

$797161^{18} \Rightarrow 2281\cdot 4903\cdot 185707\cdot 20505409\cdot 57739983535431809\cdot P_{70},\ B_1 = 307$

$797161^{22} \Rightarrow 9431\cdot 2833279\cdot c_{120},\ B_1 = 275$

$2833279^2 \Rightarrow 3\cdot 79\cdot 139\cdot 243677647,\ B_1 = 300$

$2833279^4 \Rightarrow 11\ldots,\ D;\ \ q^6,\ B_3 = 301$

$797161^{28},\ B_2 = 330$

$3^{16} \Rightarrow 1871\cdot 34511,\ B_1 = 23$

$34511^2 \Rightarrow 19\ldots,\ D$

$34511^4 \Rightarrow 11\ldots,\ D$

$34511^6 \Rightarrow 7\ldots,\ D$

$34511^{10} \Rightarrow 87573858439\cdot P_{35},\ B_1 = 150$

$P_{35}^2 \Rightarrow 3\cdot 382700557\cdot P_{60},\ B_1 = 278$

$P_{60}^2 \Rightarrow 13\ldots,\ D;\ \ q^4,\ B_2 = 478$

$P_{35}^4 \Rightarrow n,\ B_1 = 356;\ \ q^6,\ B_2 = 413$

$34511^{12} \Rightarrow 79\cdot P_{53},\ B_1 = 177$

$P_{53}^2 \Rightarrow 3\cdot 2551\cdot p_{102},\ B_1 = 285$

$p_{102}^1 \Rightarrow 5\cdot n,\ B_1 = 387;\ \ q^2,\ B_2 = 404$

$P_{53}^4,\ B_2 = 420$

$34511^{16} \Rightarrow 17\cdot 468717183488261171349569\cdot p_{48},\ B_1 = 184$

$p_{48}^1 \Rightarrow 5^2\cdot 23\ldots,\ S\ \ 3^{16}\cdot 5^2\cdot 17^2\cdot 23^2$

$p_{48}^2 \Rightarrow 3\cdot 37\cdot n,\ B_1 = 304;\ \ q^4,\ B_2 = 381$

$34511^{18} \Rightarrow 229\cdot 3132379\cdot 749404317097408510110886774859263\cdot p_{40},\ B_1 = 219$

$p_{40}^1 \Rightarrow 1409\cdot 20551\cdot 182969653\cdot P_{24},\ B_1 = 298$

$P_{24}^2 \Rightarrow 13\ldots,\ D;\ \ q^4,\ B_3 = 346$

11204: $p_{40}^2 \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_3 = 336$

11206: $34511^{22} \Rightarrow 14813 \cdot 999808418797 \cdot p_{84},\ B_1 = 230$

11207: $p_{84}^1 \Rightarrow 3^2 \cdot 257 \cdot n,\ B_1 = 314;\ \ q^2,\ B_2 = 334$

11209: $34511^{28} \Rightarrow 29 \cdot 3539 \cdot 13109 \cdot 13921 \cdot 74357 \cdot 292593181 \cdot P_{101},\ B_1 = 386$

11210: $34511^{30} \Rightarrow 4905958693 \cdot 118058913923 \cdot c_{116},\ B_1 = 297$

11211: $118058913923^2 \Rightarrow 19\ldots,\ D;\ \ q^4,\ B_3 = 319$

11213: $34511^{36},\ B_2 = 326$

11214: $3^{18} \Rightarrow 1597 \cdot 363889,\ B_1 = 20$

11215: $363889^1 \Rightarrow 5 \cdot 36389,\ B_1 = 31$

11216: $36389^2 \Rightarrow 1429 \cdot 926659,\ B_1 = 49$

11217: $926659^2 \Rightarrow 3 \cdot 178987 \cdot 1599181,\ B_1 = 72$

11218: $1599181^2 \Rightarrow 3 \cdot 852460489981,\ B_1 = 96$

11219: $852460489981^2 \Rightarrow 7\ldots,\ D$

11220: $852460489981^4 \Rightarrow 31\ldots,\ D$

11221: $852460489981^6 \Rightarrow 29 \cdot 57929929 \cdot P_{63},\ B_1 = 286$

11222: $P_{63}^2 \Rightarrow 991 \cdot n,\ B_1 = 414;\ \ q^4,\ B_2 = 498$

11224: $852460489981^{10} \Rightarrow 11\ldots,\ D$

11225: $852460489981^{12} \Rightarrow n,\ B_1 = 358;\ \ q^{16},\ B_2 = 381$

11227: $1599181^4 \Rightarrow 5 \cdot 271 \cdot 73121 \cdot P_{17},\ B_1 = 132$

11228: $P_{17}^2 \Rightarrow 2127721 \cdot 18404653 \cdot p_{21},\ B_1 = 200$

11229: $p_{21}^2 \Rightarrow 3 \cdot 179972425963171 \cdot P_{26},\ B_1 = 279$

11230: $P_{26}^2 \Rightarrow 3 \cdot n,\ B_1 = 329;\ \ q^4,\ B_3 = 330$

11232: $p_{21}^4 \Rightarrow 11\ldots,\ D$

11233: $p_{21}^6 \Rightarrow 631 \cdot n,\ B_1 = 403;\ \ q^{10},\ B_2 = 400$

11235: $P_{17}^4 \Rightarrow 5 \cdot 71 \cdot 601^2 \cdot 4051 \cdot 230468321 \cdot 841505263013141 \cdot 11374909629108131 \cdot P_{17},\ B_1 = 295$

11236: $P_{17}^2 \Rightarrow 19\ldots,\ D$

11237: $P_{17}^4,\ B_3 = 327$

11238: $P_{17}^6 \Rightarrow 463 \cdot n,\ B_1 = 303;\ \ q^{10},\ B_2 = 336$

11240: $1599181^6 \Rightarrow 43 \cdot 71 \cdot 1499 \cdot 112682270804881 \cdot p_{17},\ B_1 = 171$

11241: $p_{17}^2 \Rightarrow 13\ldots,\ D$

11242: $p_{17}^4 \Rightarrow 5 \cdot 11891733160544819114785 1 \cdot P_{43},\ B_1 = 335$

11243: $p_{17}^6 \Rightarrow 7\ldots,\ D$

11244: $p_{17}^{10},\ B_2 = 330$

11245: $1599181^{10} \Rightarrow 11\ldots,\ D$

11246: $1599181^{12} \Rightarrow 28254535238069374323077 19367 \cdot P_{47},\ B_1 = 283$

11247: $P_{47}^2 \Rightarrow 3 \cdot 67 \cdot 73 \cdot 79 \cdot 103 \cdot n,\ B_1 = 384;\ \ q^4,\ B_3 = 377$

11249: $1599181^{16} \Rightarrow 14833963 \cdot c_{93},\ B_1 = 265$

11250: $14833963^2 \Rightarrow 7\ldots,\ D$

11251: $14833963^4 \Rightarrow n,\ B_1 = 308$

11252: $14833963^6 \Rightarrow n,\ B_1 = 337;\ \ q^{10},\ B_3 = 322$

11254: $1599181^{18} \Rightarrow P_{112},\ B_1 = 394$

11255: $1599181^{22} \Rightarrow 47 \cdot 139 \cdot n,\ B_1 = 336;\ \ q^{28},\ B_2 = 347$

11257: $926659^4 \Rightarrow 41 \cdot 701 \cdot 332191 \cdot P_{14},\ B_1 = 108$

11258: $P_{14}^2 \Rightarrow 3001 \cdot 638767 \cdot P_{19},\ B_1 = 164$

11259: $P_{19}^2 \Rightarrow 3 \cdot 367 \cdot 1531 \cdot 1831 \cdot 1951 \cdot 5197 \cdot 46051 \cdot 52956313 \cdot 126860821,\ B_1 = 237$

11260: $126860821^2 \Rightarrow 13\ldots,\ D$

11261: $126860821^4 \Rightarrow 5 \cdot 1672751 \cdot P_{26},\ B_1 = 317$

11262: $126860821^6 \Rightarrow n,\ B_1 = 318;\ \ q^{10},\ B_3 = 302$

11264: $P_{19}^4 \Rightarrow 11\ldots,\ D$

11265: $P_{19}^6 \Rightarrow n,\ B_1 = 349;\ \ q^{10},\ B_2 = 369$

11267: $P_{14}^4 \Rightarrow 11\ldots,\ D$

11268: $P_{14}^6 \Rightarrow 7\ldots,\ D$

11269: $P_{14}^{10} \Rightarrow n,\ B_1 = 358;\ \ q^{12},\ B_2 = 333$

11271: $926659^{6} \Rightarrow 2549 \cdot 15107 \cdot P_{29},\ B_1 = 144$
11272: $P_{29}^{2} \Rightarrow 13 \ldots,\ D$
11273: $P_{29}^{4} \Rightarrow 11 \ldots,\ D$
11274: $P_{29}^{6},\ B_2 = 338$
11275: $926659^{10} \Rightarrow 23 \cdot 707939 \cdot 2027719 \cdot 3754697 \cdot 30569710139 \cdot p_{30},\ B_1 = 216$
11276: $p_{30}^{2} \Rightarrow 919 \cdot 5860177 \cdot 1760756191423 \cdot P_{37},\ B_1 = 332$
11277: $p_{30}^{4} \Rightarrow 61 \cdot n,\ B_1 = 392;\ \ q^{6},\ B_2 = 349$
11279: $926659^{12} \Rightarrow 45137 \cdot 3148618279 \cdot 7348177253 \cdot 346510574426229264747671 \cdot p_{25},\ B_1 = 252$
11280: $p_{25}^{2} \Rightarrow 67 \cdot 727 \cdot n,\ B_1 = 304;\ \ q^{4},\ B_3 = 300$
11282: $926659^{16} \Rightarrow 12395041 \cdot 3082032099281 \cdot$
$41029635757091782750 09 \cdot 26246665610813282734 9241 \cdot p_{31},\ B_1 = 323$
11283: $926659^{18} \Rightarrow 8513 \cdot 41269 \cdot 3619843 \cdot c_{93},\ B_1 = 267$
11284: $3619843^{2} \Rightarrow 3 \cdot 21067 \cdot 207326893,\ B_1 = 292$
11285: $207326893^{2} \Rightarrow 7 \ldots,\ D$
11286: $207326893^{4},\ B_3 = 309$
11287: $3619843^{4} \Rightarrow 31 \ldots,\ D$
11288: $3619843^{6} \Rightarrow 631 \cdot n,\ B_1 = 335;\ \ q^{10},\ B_3 = 319$
11290: $926659^{22} \Rightarrow 47^{2} \cdot c_{128},\ B_1 = 299$
11291: $47^{2} \Rightarrow 37 \cdot 61,\ B_1 = 306;\ \ q^{4},\ B_3 = 303$
11293: $926659^{28},\ B_2 = 334$
11294: $36389^{4} \Rightarrow 701 \cdot 881 \cdot 3911 \cdot 10091 \cdot 71941,\ B_1 = 76$
11295: $71941^{2} \Rightarrow 19 \ldots,\ D$
11296: $71941^{4} \Rightarrow 5 \cdot 284758421 \cdot 18813315461,\ B_1 = 123$
11297: $18813315461^{2} \Rightarrow 109 \cdot 41593 \cdot P_{14},\ B_1 = 164$
11298: $P_{14}^{2} \Rightarrow 7 \ldots,\ D$
11299: $P_{14}^{4} \Rightarrow 5471 \cdot 11910033901 \cdot P_{42},\ B_1 = 303$
11300: $P_{14}^{6} \Rightarrow 211 \cdot n,\ B_1 = 306$
11301: $P_{14}^{10} \Rightarrow 23 \cdot 419 \cdot n,\ B_1 = 419;\ \ q^{12},\ B_2 = 333$
11303: $18813315461^{4} \Rightarrow 5 \cdot 61^{2} \cdot 24861841 \cdot 16895876941 \cdot p_{20},\ B_1 = 223$
11304: $p_{20}^{2} \Rightarrow 19 \ldots,\ D$
11305: $p_{20}^{4} \Rightarrow 11 \ldots,\ D$
11306: $p_{20}^{6} \Rightarrow 43 \cdot n,\ B_1 = 416;\ \ q^{10},\ B_2 = 384$
11308: $18813315461^{6} \Rightarrow 76255256868073343230 45244329 \cdot P_{34},\ B_1 = 288$
11309: $P_{34}^{2} \Rightarrow 3 \cdot n,\ B_1 = 355;\ \ q^{4},\ B_3 = 355$
11311: $18813315461^{10} \Rightarrow n,\ B_1 = 308$
11312: $18813315461^{12} \Rightarrow 53 \cdot n,\ B_1 = 351;\ \ q^{16},\ B_2 = 328$
11314: $71941^{6} \Rightarrow 197 \cdot 1009 \cdot 52409388389 \cdot P_{14},\ B_1 = 154$
11315: $P_{14}^{2} \Rightarrow 31 \ldots,\ D$
11316: $P_{14}^{4} \Rightarrow 5 \cdot 751 \cdot 3881 \cdot 39987851 \cdot 2133300501401 \cdot p_{26},\ B_1 = 284$
11317: $p_{26}^{2} \Rightarrow n,\ B_1 = 335;\ \ q^{4},\ B_3 = 335$
11319: $P_{14}^{6} \Rightarrow 127 \ldots,\ D$
11320: $P_{14}^{10} \Rightarrow 11 \ldots,\ D$
11321: $P_{14}^{12},\ B_2 = 314$
11322: $71941^{10} \Rightarrow 11 \ldots,\ D$
11323: $71941^{12} \Rightarrow 716930839 \cdot 48011072617 \cdot P_{39},\ B_1 = 241$
11324: $P_{39}^{2} \Rightarrow 3 \cdot 307 \cdot 421 \cdot n,\ B_1 = 323;\ \ q^{4},\ B_3 = 319$
11326: $71941^{16} \Rightarrow 137 \cdot 613 \cdot 269519 \cdot P_{68},\ B_1 = 300$
11327: $71941^{18} \Rightarrow 191 \cdot 44917 \cdot 11616639863 \cdot P_{71},\ B_1 = 329$
11328: $71941^{22} \Rightarrow 10340203 \cdot 13144335367 \cdot P_{90},\ B_1 = 387$
11329: $71941^{28} \Rightarrow 59 \cdot n,\ B_1 = 340$
11330: $71941^{30} \Rightarrow n,\ B_1 = 358;\ \ q^{36},\ B_2 = 349$
11332: $36389^{6} \Rightarrow 29 \cdot 43 \cdot 71 \ldots,\ S\ \ 3^{18} \cdot 5^{2} \cdot 29^{2} \cdot 43^{2} \cdot 71^{2}$
11333: $36389^{10} \Rightarrow 11 \ldots,\ D$
11334: $36389^{12} \Rightarrow 40739509824303811 \cdot P_{39},\ B_1 = 186$

11335: $P_{39}^2 \Rightarrow 3 \cdot 151 \cdot 1297 \cdot 6171495301524757 \cdot p_{55},\ B_1 = 337;\ \ q^4,\ B_2 = 304$

11337: $36389^{16} \Rightarrow 103 \cdot P_{71},\ B_1 = 240$

11338: $P_{71}^2 \Rightarrow 3 \cdot n,\ B_1 = 382;\ \ q^4,\ B_2 = 567$

11340: $36389^{18} \Rightarrow 8627 \cdot 3885691 \cdot 9711319 \cdot$
$273728612272415903 \cdot 369218916956471297 \cdot P_{30},\ B_1 = 268$

11341: $P_{30}^2 \Rightarrow 7 \ldots,\ D$

11342: $P_{30}^4,\ B_3 = 327$

11343: $36389^{22} \Rightarrow c_{101},\ B_{30} = 301$ *see text*

11344: $36389^{28} \Rightarrow 59 \cdot 1741 \cdot 1209166601 \cdot c_{114},\ B_1 = 291$

11345: $1209166601^2 \Rightarrow n,\ B_1 = 309;\ \ q^4,\ B_3 = 309$

11347: $36389^{30} \Rightarrow 1489 \cdot 3163 \cdot 22073 \cdot 313163 \cdot n,\ B_1 = 312;\ \ q^{36},\ B_2 = 328$

11349: $363889^2 \Rightarrow 3 \cdot 193 \cdot 1063 \cdot 215143,\ B_1 = 44$

11350: $1063^2 \Rightarrow 3 \cdot 377011,\ B_1 = 55$

11351: $377011^2 \Rightarrow 3 \cdot 79 \cdot 599737009,\ B_1 = 71$

11352: $599737009^1 \Rightarrow 5 \cdot 1429 \cdot 41969,\ B_1 = 88$

11353: $41969^2 \Rightarrow 7 \ldots,\ D$

11354: $41969^4 \Rightarrow 11 \ldots,\ D$

11355: $41969^6 \Rightarrow P_{28},\ B_1 = 162$

11356: $P_{28}^2 \Rightarrow 3 \cdot 1597 \cdot 5645440159 \cdot 21551203314007669 \cdot p_{26},\ B_1 = 265$

11357: $p_{26}^2 \Rightarrow 7 \ldots,\ D$

11358: $p_{26}^4,\ B_3 = 317$

11359: $P_{28}^4 \Rightarrow 11 \ldots,\ D$

11360: $P_{28}^6,\ B_2 = 332$

11361: $41969^{10} \Rightarrow 419 \cdot 1892507 \cdot P_{38},\ B_1 = 217$

11362: $P_{38}^2 \Rightarrow 127 \ldots,\ D$

11363: $P_{38}^4 \Rightarrow n,\ B_1 = 441;\ \ q^6,\ B_2 = 447$

11365: $41969^{12} \Rightarrow 53 \cdot 313 \cdot 159017 \cdot 1307795125833648713 \cdot p_{28},\ B_1 = 245$

11366: $p_{28}^2 \Rightarrow 7 \ldots,\ D$

11367: $p_{28}^4,\ B_3 = 301$

11368: $41969^{16} \Rightarrow p_{74},\ B_1 = 300$

11369: $41969^{18} \Rightarrow 223976531294251433 \cdot P_{66},\ B_1 = 328$

11370: $41969^{22} \Rightarrow 599 \cdot 29077730534549 \cdot p_{86},\ B_1 = 383$

11371: $41969^{28} \Rightarrow 59 \cdot n,\ B_1 = 339$

11372: $41969^{30} \Rightarrow n,\ B_1 = 356;\ \ q^{36},\ B_2 = 332$

11374: $599737009^2 \Rightarrow 7 \ldots,\ D$

11375: $599737009^4 \Rightarrow 11 \ldots,\ D$

11376: $599737009^6 \Rightarrow 223580911 \cdot 7320672187193 \cdot p_{32},\ B_1 = 188$

11377: $p_{32}^1 \Rightarrow 3 \cdot 1091 \cdot 17881 \cdot 28211 \cdot 28393 \cdot P_{15},\ B_1 = 250$

11378: $P_{15}^2 \Rightarrow 242467 \cdot P_{24},\ B_1 = 308$

11379: $P_{15}^4 \Rightarrow 5 \cdot n,\ B_1 = 337;\ \ q^6,\ B_3 = 308$

11381: $p_{32}^2 \Rightarrow 13 \ldots,\ D$

11382: $p_{32}^4 \Rightarrow 31 \ldots,\ D;\ \ q^6,\ B_2 = 377$

11384: $599737009^{10} \Rightarrow 23 \cdot 419 \cdot c_{84},\ B_1 = 238$

11385: $419^2 \Rightarrow 13 \ldots,\ D$

11386: $419^4 \Rightarrow 31 \ldots,\ D$

11387: $419^6 \Rightarrow 7603 \cdot 713406215047,\ B_1 = 280$

11388: $713406215047^2 \Rightarrow 3 \cdot n,\ B_1 = 303;\ \ q^4,\ B_3 = 304$

11390: $419^{10} \Rightarrow 11 \ldots,\ D$

11391: $419^{12} \Rightarrow 11987 \cdot n,\ B_1 = 300$

11392: $419^{16} \Rightarrow n,\ B_1 = 317$

11393: $419^{18} \Rightarrow 19 \ldots,\ D$

11394: $419^{22} \Rightarrow n,\ B_1 = 348;\ \ q^{28},\ B_3 = 306$

11396: $599737009^{12} \Rightarrow 13 \ldots,\ D$

11397: $599737009^{16} \Rightarrow n,\ B_1 = 340;\ \ q^{18},\ B_2 = 316$

11399: $377011^4 \Rightarrow 5\cdot 41\cdot 241\cdot 25524791\cdot 16020797851,\ B_1 = 111$
11400: $16020797851^2 \Rightarrow 7\ldots,\ D$
11401: $16020797851^4 \Rightarrow 11\ldots,\ D$
11402: $16020797851^6 \Rightarrow p_{62},\ B_1 = 216$
11403: $p_{62}^1 \Rightarrow 43\cdot 383\cdot 2468574881893931\cdot p_{42},\ B_1 = 338$
11404: $p_{62}^2 \Rightarrow 13\ldots,\ D$
11405: $p_{62}^4,\ B_2 = 489$
11406: $16020797851^{10} \Rightarrow 48533\cdot 310614183467699\cdot P_{83},\ B_1 = 395$
11407: $16020797851^{12} \Rightarrow n,\ B_1 = 335;\ q^{16},\ B_2 = 326$
11409: $377011^6 \Rightarrow 14197\cdot 22961\cdot p_{25},\ B_1 = 122$
11410: $p_{25}^1 \Rightarrow 3\cdot 23911\cdot p_{20},\ B_1 = 171$
11411: $p_{20}^2 \Rightarrow 7\ldots,\ D$
11412: $p_{20}^4 \Rightarrow 71\cdot 46171\cdot 43569821\cdot 271114061\cdot p_{57},\ B_1 = 369$
11413: $p_{20}^6 \Rightarrow 29\cdot 113\cdot n,\ B_1 = 372;\ q^{10},\ B_2 = 395$
11415: $p_{25}^2 \Rightarrow P_{50},\ B_1 = 243$
11416: $P_{50}^2 \Rightarrow 19\ldots,\ D;\ q^4,\ B_2 = 399$
11418: $p_{25}^4 \Rightarrow 11\ldots,\ D$
11419: $p_{25}^6 \Rightarrow 7\ldots,\ D;\ q^{10},\ B_2 = 498$
11421: $377011^{10} \Rightarrow 23\cdot 727\cdot 68392523\cdot P_{44},\ B_1 = 211$
11422: $P_{44}^2 \Rightarrow 7\ldots,\ D;\ q^4,\ B_2 = 349$
11424: $377011^{12} \Rightarrow p_{67},\ B_1 = 181$
11425: $p_{67}^1 \Rightarrow 15671\cdot 1663973\cdot 4221987707131\cdot 4371540260903\cdot P_{31},\ B_1 = 314$
11426: $p_{67}^2 \Rightarrow 3\cdot n,\ B_1 = 378;\ q^4,\ B_2 = 535$
11428: $377011^{16} \Rightarrow 1259\cdot 13567\cdot 40512528097\cdot 45324010591\cdot$
$10805054366101\cdot 14210325542724503\cdot p_{32},\ B_1 = 283$
11429: $p_{32}^1 \Rightarrow 13\ldots,\ D$
11430: $p_{32}^2,\ B_3 = 302$
11431: $377011^{18} \Rightarrow 419\cdot 253154329\cdot c_{90},\ B_1 = 250$
11432: $253154329^1 \Rightarrow 11\ldots,\ D$
11433: $253154329^2 \Rightarrow 3\cdot 28351\cdot 753496226407,\ B_1 = 288$
11434: $753496226407^2 \Rightarrow 3\cdot 61\cdot 67\cdot 109\cdot 211\cdot 277\cdot n,\ B_1 = 322;\ q^4,\ B_3 = 312$
11436: $253154329^4 \Rightarrow n,\ B_1 = 306$
11437: $253154329^6 \Rightarrow 7\ldots,\ D;\ q^{10},\ B_3 = 323$
11439: $377011^{22} \Rightarrow 47\cdot 11731\cdot 115001\cdot 1082621226994060567 67\cdot n,\ B_1 = 318;\ q^{28},\ B_2 = 312$
11441: $1063^4 \Rightarrow 1291\cdot 989955251,\ B_1 = 74$
11442: $989955251^2 \Rightarrow 43\cdot 823\cdot 877\cdot 5623\cdot 5615587,\ B_1 = 110$
11443: $5615587^2 \Rightarrow 13\ldots,\ D$
11444: $5615587^4 \Rightarrow 761\cdot 6481\cdot 12911\cdot P_{17},\ B_1 = 177$
11445: $P_{17}^2 \Rightarrow 67\cdot 421\cdot 91921\cdot 2385619\cdot p_{17},\ B_1 = 229$
11446: $p_{17}^1 \Rightarrow 101\cdot 877\cdot 222568976723,\ B_1 = 256$
11447: $222568976723^2 \Rightarrow 7\ldots,\ D$
11448: $222568976723^4 \Rightarrow 11\ldots,\ D;\ q^6,\ B_3 = 301$
11450: $p_{17}^2 \Rightarrow 7\ldots,\ D$
11451: $p_{17}^4 \Rightarrow 11\ldots,\ D$
11452: $p_{17}^6,\ B_3 = 307$
11453: $P_{17}^4 \Rightarrow 5\cdot 142291906990079621\cdot p_{47},\ B_1 = 296$
11454: $p_{47}^1 \Rightarrow n,\ B_1 = 342;\ q^2,\ B_3 = 325$
11456: $P_{17}^6 \Rightarrow 757\cdot n,\ B_1 = 342;\ q^{10},\ B_2 = 323$
11458: $5615587^6 \Rightarrow p_{41},\ B_1 = 181$
11459: $p_{41}^1 \Rightarrow 3957647\cdot 15317513\cdot p_{27},\ B_1 = 261$
11460: $p_{27}^2 \Rightarrow 3\cdot n,\ B_1 = 313;\ q^4,\ B_3 = 314$
11462: $p_{41}^2 \Rightarrow 3\cdot p_{81},\ B_1 = 302;\ q^4,\ B_2 = 323$
11464: $5615587^{10} \Rightarrow 25411\cdot 61543768014103\cdot p_{50},\ B_1 = 253$
11465: $p_{50}^1 \Rightarrow 3^2\cdot 5^3\cdot 113\cdot n,\ B_1 = 304$

11466: $p_{50}^2 \Rightarrow 97 \cdot 349 \cdot 547 \cdot n,\ B_1 = 405;\ \ q^4,\ B_3 = 398$

11468: $5615587^{12} \Rightarrow 1249 \cdot 66587 \cdot 93601 \cdot 41662921 \cdot P_{61},\ B_1 = 335$

11469: $5615587^{16} \Rightarrow n,\ B_1 = 312$

11470: $5615587^{18} \Rightarrow n,\ B_1 = 339$

11471: $5615587^{22} \Rightarrow 47 \cdot n,\ B_1 = 395;\ \ q^{28},\ B_2 = 377$

11473: $989955251^4 \Rightarrow 5 \cdot 521 \cdot 691 \cdot 751 \cdot 5687191 \cdot P_{21},\ B_1 = 164$

11474: $P_{21}^2 \Rightarrow 3 \cdot 1814383 \cdot p_{34},\ B_1 = 213$

11475: $p_{34}^1 \Rightarrow 13 \ldots,\ D$

11476: $p_{34}^2 \Rightarrow 19 \ldots,\ D$

11477: $p_{34}^4,\ B_3 = 310$

11478: $P_{21}^4 \Rightarrow 11 \ldots,\ D$

11479: $P_{21}^6 \Rightarrow 7 \ldots,\ D$

11480: $P_{21}^{10},\ B_2 = 401$

11481: $989955251^6 \Rightarrow 113 \cdot 4957 \cdot p_{49},\ B_1 = 173$

11482: $p_{49}^1 \Rightarrow 11 \ldots,\ D$

11483: $p_{49}^2 \Rightarrow n,\ B_1 = 314;\ \ q^4,\ B_2 = 385$

11485: $989955251^{10} \Rightarrow 331 \cdot 7128457381 \cdot 23812450399 \cdot 9551425294070444269 \cdot p_{49},\ B_1 = 281$

11486: $p_{49}^1 \Rightarrow n,\ B_1 = 329;\ \ q^2,\ B_3 = 310$

11488: $989955251^{12} \Rightarrow 79 \cdot 313 \cdot 1249 \cdot 4603 \cdot 68927 \cdot 26429261 \cdot P_{85},\ B_1 = 376$

11489: $989955251^{16} \Rightarrow 443 \cdot 953 \cdot n,\ B_1 = 349;\ \ q^{18},\ B_2 = 323$

11491: $1063^6 \Rightarrow 337 \cdot 2423 \cdot 1289513 \cdot 1371511,\ B_1 = 89$

11492: $1371511^2 \Rightarrow 3 \cdot 1579 \cdot 1759 \cdot 225751,\ B_1 = 113$

11493: $225751^2 \Rightarrow 3 \cdot 5443 \cdot 3121057,\ B_1 = 133$

11494: $3121057^1 \Rightarrow 1560529,\ B_1 = 145$

11495: $1560529^2 \Rightarrow 13 \ldots,\ D$

11496: $1560529^4 \Rightarrow 11 \ldots,\ D$

11497: $1560529^6 \Rightarrow 43 \cdot 71 \cdot 239 \cdot 827 \cdot 1051 \cdot 205549 \cdot p_{21},\ B_1 = 244$

11498: $p_{21}^2 \Rightarrow 97 \cdot 53527 \cdot 961646617 \cdot p_{25},\ B_1 = 325$

11499: $p_{21}^4 \Rightarrow 11 \ldots,\ D$

11500: $p_{21}^6,\ B_3 = 325$

11501: $1560529^{10} \Rightarrow 23 \cdot 97021 \cdot 108571 \cdot 507382596403 \cdot p_{39},\ B_1 = 319$

11502: $1560529^{12} \Rightarrow 911 \cdot 21033502439 \cdot p_{62},\ B_1 = 356$

11503: $1560529^{16} \Rightarrow 103 \cdot n,\ B_1 = 333$

11504: $1560529^{18} \Rightarrow n,\ B_1 = 356$

11505: $1560529^{22} \Rightarrow n,\ B_1 = 405;\ \ q^{28},\ B_2 = 346$

11507: $3121057^2 \Rightarrow 7 \ldots,\ D$

11508: $3121057^4 \Rightarrow 11 \ldots,\ D$

11509: $3121057^6 \Rightarrow 127 \ldots,\ D$

11510: $3121057^{10} \Rightarrow 23 \cdot 727 \cdot 100201472689847 \cdot 138904817496451579 \cdot P_{30},\ B_1 = 315$

11511: $3121057^{12} \Rightarrow 53 \cdot 131 \cdot 220929765847925681 \cdot 3666508532104850774603 \cdot p_{36},\ B_1 = 325$

11512: $3121057^{16} \Rightarrow 137 \cdot n,\ B_1 = 330$

11513: $3121057^{18} \Rightarrow 229 \cdot n,\ B_1 = 353$

11514: $3121057^{22} \Rightarrow n,\ B_1 = 406;\ \ q^{28},\ B_2 = 363$

11516: $225751^4 \Rightarrow 11 \ldots,\ D$

11517: $225751^6 \Rightarrow 7 \ldots,\ D$

11518: $225751^{10} \Rightarrow 23 \cdot 10266250369 \cdot 9477665482591511437 \cdot P_{24},\ B_1 = 250$

11519: $P_{24}^2 \Rightarrow 7 \ldots,\ D$

11520: $P_{24}^4 \Rightarrow 431 \cdot 641 \cdot n,\ B_1 = 394;\ \ q^6,\ B_3 = 343$

11522: $225751^{12} \Rightarrow 53 \cdot p_{63},\ B_1 = 238$

11523: $p_{63}^1 \Rightarrow 3 \cdot 67 \cdot n,\ B_1 = 302$

11524: $p_{63}^2 \Rightarrow 109 \cdot n,\ B_1 = 422;\ \ q^4,\ B_2 = 500$

11526: $225751^{16} \Rightarrow 5441 \cdot 36551 \cdot c_{78},\ B_1 = 282$

11527: $36551^2 \Rightarrow 7 \ldots,\ D$

11528: $36551^4 \Rightarrow 11 \ldots,\ D$

11529: $36551^{6},\ B_3 = 300$

11530: $225751^{18} \Rightarrow 191 \cdot 419 \cdot n,\ B_1 = 300$

11531: $225751^{22} \Rightarrow 277 \cdot 461 \cdot n,\ B_1 = 343$

11532: $225751^{28} \Rightarrow 59 \cdot n,\ B_1 = 404;\ \ q^{30},\ B_2 = 321$

11534: $1371511^{4} \Rightarrow 11 \ldots,\ D$

11535: $1371511^{6} \Rightarrow 7 \ldots,\ D$

11536: $1371511^{10} \Rightarrow 397 \cdot 5039 \cdot 1298015636963 \cdot p_{43},\ B_1 = 224$

11537: $p_{43}^{1} \Rightarrow 3 \cdot 5 \cdot 17 \cdot 3486689 \cdot P_{34},\ B_1 = 309$

11538: $p_{43}^{2} \Rightarrow 13 \ldots,\ D;\ \ q^{4},\ B_3 = 347$

11540: $1371511^{12} \Rightarrow 2710943 \cdot 22610537 \cdot P_{60},\ B_1 = 297$

11541: $P_{60}^{2} \Rightarrow 3 \cdot n,\ B_1 = 416;\ \ q^{4},\ B_2 = 478$

11543: $1371511^{16} \Rightarrow 103 \cdot 32233 \cdot 6164959573601 \cdot 516107969190656472682 07 \cdot p_{57},\ B_1 = 321$

11544: $1371511^{18} \Rightarrow 457 \cdot n,\ B_1 = 301$

11545: $1371511^{22} \Rightarrow 47 \cdot 277 \cdot n,\ B_1 = 351;\ \ q^{28},\ B_2 = 343$

11547: $1063^{10} \Rightarrow 1409 \cdot 8242697 \cdot p_{21},\ B_1 = 111$

11548: $p_{21}^{1} \Rightarrow 31 \ldots,\ D$

11549: $p_{21}^{2} \Rightarrow 7 \ldots,\ D$

11550: $p_{21}^{4} \Rightarrow 5 \cdot 13440181 \cdot 1293856671691 \cdot 12834649318412396297724 31 \cdot p_{37},\ B_1 = 297$

11551: $p_{37}^{1} \Rightarrow 3 \cdot n,\ B_1 = 333;\ \ q^{2},\ B_3 = 327$

11553: $p_{21}^{6} \Rightarrow 113 \cdot n,\ B_1 = 329;\ \ q^{10},\ B_2 = 404$

11555: $1063^{12} \Rightarrow 1951 \cdot P_{34},\ B_1 = 147$

11556: $P_{34}^{2} \Rightarrow 3 \cdot 947220577 \cdot 148541590783 \cdot p_{46},\ B_1 = 236$

11557: $p_{46}^{1} \Rightarrow 47 \cdot 17761 \cdot 178743539153 \cdot 1428294950791 \cdot P_{16},\ B_1 = 326$

11558: $p_{46}^{2} \Rightarrow 3 \cdot 37 \cdot n,\ B_1 = 364;\ \ q^{4},\ B_2 = 363$

11560: $P_{34}^{4} \Rightarrow 5 \cdot 241 \cdot n,\ B_1 = 348;\ \ q^{6},\ B_2 = 396$

11562: $1063^{16} \Rightarrow 34666829081 \cdot p_{38},\ B_1 = 148$

11563: $p_{38}^{1} \Rightarrow 127 \ldots,\ D$

11564: $p_{38}^{2} \Rightarrow 31 \ldots,\ D;\ \ q^{4},\ B_2 = 303$

11566: $1063^{18} \Rightarrow 10487680421 \cdot 51689284541 \cdot p_{34},\ B_1 = 171$

11567: $p_{34}^{1} \Rightarrow 7 \ldots,\ D$

11568: $p_{34}^{2} \Rightarrow 3 \cdot 67 \cdot 151 \cdot 211 \cdot 17919567889 \cdot P_{51},\ B_1 = 328$

11569: $p_{34}^{4} \Rightarrow n,\ B_1 = 396;\ \ q^{6},\ B_2 = 404$

11571: $1063^{22} \Rightarrow 33811 \cdot 3702817 \cdot 220818401 \cdot 122370818781054817 \cdot P_{31},\ B_1 = 224$

11572: $P_{31}^{2} \Rightarrow 3 \cdot 61 \cdot 25717 \cdot 353775012850922956 03 \cdot p_{34},\ B_1 = 326$

11573: $P_{31}^{4} \Rightarrow 11 \ldots,\ D;\ \ q^{6},\ B_2 = 360$

11575: $1063^{28} \Rightarrow 151972717951 \cdot P_{74},\ B_1 = 292$

11576: $P_{74}^{2} \Rightarrow 31 \ldots,\ D;\ \ q^{4},\ B_2 = 588$

11578: $1063^{30} \Rightarrow 1613 \cdot 310559 \cdot P_{83},\ B_1 = 310$

11579: $1063^{36} \Rightarrow 223 \cdot 16606488206239 \cdot c_{94},\ B_1 = 271$

11580: $P_{14}^{2} \Rightarrow 13 \ldots,\ D$

11581: $P_{14}^{4} \Rightarrow 191 \cdot n,\ B_1 = 353;\ \ q^{6},\ B_3 = 324$

11583: $1063^{40} \Rightarrow 385933001 \cdot 876464616817 \cdot 7350043428967 \cdot n,\ B_1 = 304$

11584: $1063^{42} \Rightarrow 98207554121568091605679639 67 \cdot n,\ B_1 = 320$

11585: $1063^{46} \Rightarrow n,\ B_1 = 316;\ \ q^{52},\ B_2 = 314$

11587: $363889^{4} \Rightarrow 11 \ldots,\ D$

11588: $363889^{6} \Rightarrow 7 \ldots,\ D$

11589: $363889^{10} \Rightarrow 23^{2} \cdot 331 \cdot 15872245247 \cdot P_{41},\ B_1 = 175$

11590: $P_{41}^{2} \Rightarrow 19 \ldots,\ D;\ \ q^{4},\ B_2 = 321$

11592: $363889^{12} \Rightarrow 53 \cdot 18219371 \cdot 44671538238653 \cdot 1214955923205525797 93 \cdot P_{25},\ B_1 = 195$

11593: $P_{25}^{2} \Rightarrow 7 \ldots,\ D$

11594: $P_{25}^{4} \Rightarrow n,\ B_1 = 339$

11595: $P_{25}^{6} \Rightarrow n,\ B_1 = 435;\ \ q^{10},\ B_2 = 480$

11597: $363889^{16} \Rightarrow 103 \cdot 808793 \cdot 21110839 \cdot$
$32954427099627227 \cdot 43472833003025338508426711 \cdot p_{32},\ B_1 = 250$

11598: $p_{32}^1 \Rightarrow 7\ldots,\ D$
11599: $p_{32}^2 \Rightarrow 19\ldots,\ D;\ \ q^4,\ B_3 = 339$
11601: $363889^{18} \Rightarrow 19\ldots,\ D$
11602: $363889^{22} \Rightarrow 31649 \cdot 550271635685454468899 \cdot c_{98},\ B_1 = 280$
11603: $P_{21}^2 \Rightarrow 13\ldots,\ D;\ \ q^4,\ B_3 = 321$
11605: $363889^{28},\ B_2 = 311$
11606: $3^{22} \Rightarrow 47 \cdot 1001523179,\ B_1 = 31$
11607: $1001523179^2 \Rightarrow 61 \cdot p_{17},\ B_1 = 51$
11608: $p_{17}^1 \Rightarrow 227 \cdot 5505377 \cdot 6578839,\ B_1 = 83$
11609: $6578839^2 \Rightarrow 3 \cdot 10477 \cdot 1377020431,\ B_1 = 109$
11610: $1377020431^2 \Rightarrow 3 \cdot 53719 \cdot 294247 \cdot 39987067,\ B_1 = 145$
11611: $39987067^2 \Rightarrow 13\ldots,\ D$
11612: $39987067^4 \Rightarrow 27031 \cdot 709981 \cdot 11132255881 \cdot 11967024851,\ B_1 = 221$
11613: $11967024851^2 \Rightarrow 1291 \cdot 3701917 \cdot 29965357699,\ B_1 = 261$
11614: $29965357699^2 \Rightarrow 7\ldots,\ D$
11615: $29965357699^4 \Rightarrow 41 \cdot n,\ B_1 = 326;\ \ q^6,\ B_3 = 303$
11617: $11967024851^4 \Rightarrow 5 \cdot 41 \cdot 701 \cdot 6883571 \cdot P_{29},\ B_1 = 322$
11618: $11967024851^6 \Rightarrow n,\ B_1 = 322;\ \ q^{10},\ B_3 = 302$
11620: $39987067^6 \Rightarrow 7\ldots,\ D$
11621: $39987067^{10} \Rightarrow 23 \cdot 9670057 \cdot 791329661 \cdot 989381281332875125 21 \cdot P_{39},\ B_1 = 358$
11622: $39987067^{12} \Rightarrow 443 \cdot n,\ B_1 = 315$
11623: $39987067^{16} \Rightarrow 239 \cdot n,\ B_1 = 375$
11624: $39987067^{18} \Rightarrow n,\ B_1 = 403;\ \ q^{22},\ B_2 = 334$
11626: $1377020431^4 \Rightarrow 5 \cdot 3863611 \cdot 405313411 \cdot p_{21},\ B_1 = 201$
11627: $p_{21}^2 \Rightarrow 3 \cdot 37 \cdot 2151319 \cdot P_{33},\ B_1 = 282$
11628: $P_{33}^2 \Rightarrow 7\ldots,\ D$
11629: $P_{33}^4,\ B_3 = 348$
11630: $p_{21}^4 \Rightarrow 5 \cdot 421 \cdot 701 \cdot n,\ B_1 = 329$
11631: $p_{21}^6 \Rightarrow 379 \cdot 547 \cdot 883 \cdot n,\ B_1 = 416;\ \ q^{10},\ B_2 = 413$
11633: $1377020431^6 \Rightarrow 43 \cdot 1093 \cdot 3843743 \cdot p_{44},\ B_1 = 256$
11634: $p_{44}^2 \Rightarrow 31\ldots,\ D;\ \ q^4,\ B_2 = 348$
11636: $1377020431^{10} \Rightarrow 23 \cdot 397 \cdot 5489122519 \cdot 288389032776263 \cdot n,\ B_1 = 302$
11637: $1377020431^{12} \Rightarrow 131 \cdot n,\ B_1 = 312$
11638: $1377020431^{16} \Rightarrow n,\ B_1 = 383;\ \ q^{18},\ B_2 = 329$
11640: $6578839^4 \Rightarrow 11\ldots,\ D$
11641: $6578839^6 \Rightarrow 7\ldots,\ D$
11642: $6578839^{10} \Rightarrow 40591 \cdot 871817 \cdot P_{58},\ B_1 = 274$
11643: $P_{58}^2 \Rightarrow 3 \cdot 241 \cdot n,\ B_1 = 391;\ \ q^4,\ B_2 = 461$
11645: $6578839^{12} \Rightarrow 62563099 \cdot P_{75},\ B_1 = 315$
11646: $6578839^{16} \Rightarrow 103 \cdot c_{108},\ B_1 = 290$
11647: $103^2 \Rightarrow 3 \cdot 3571,\ B_1 = 297$
11648: $3571^2 \Rightarrow 13\ldots,\ D;\ \ q^4,\ B_3 = 304$
11650: $103^4 \Rightarrow 11\ldots,\ D$
11651: $103^6 \Rightarrow 29 \cdot 71 \cdot n,\ B_1 = 313;\ \ q^{10},\ B_3 = 306$
11653: $6578839^{18} \Rightarrow n,\ B_1 = 315$
11654: $6578839^{22} \Rightarrow 47 \cdot n,\ B_1 = 368;\ \ q^{28},\ B_2 = 381$
11656: $p_{17}^2 \Rightarrow 3 \cdot 3373 \cdot 120103 \cdot P_{24},\ B_1 = 128$
11657: $P_{24}^2 \Rightarrow 3 \cdot 2089 \cdot 1354471 \cdot 6050953 \cdot p_{30},\ B_1 = 194$
11658: $p_{30}^1 \Rightarrow 13\ldots,\ D$
11659: $p_{30}^2 \Rightarrow 3 \cdot 25117 \cdot p_{56},\ B_1 = 288$
11660: $p_{56}^1 \Rightarrow 11\ldots,\ D;\ \ q^2,\ B_3 = 336$
11662: $p_{30}^4 \Rightarrow 11\ldots,\ D$
11663: $p_{30}^6,\ B_2 = 359$
11664: $P_{24}^4 \Rightarrow 11\ldots,\ D$

$P_{24}^{6} \Rightarrow n,\ B_1 = 361;\ \ q^{10},\ B_2 = 466$

$p_{17}^{4} \Rightarrow 11\ldots,\ D$

$p_{17}^{6} \Rightarrow 992178505828302485470656 07 \cdot p_{72},\ B_1 = 256$

$p_{72}^{1} \Rightarrow 43 \cdot n,\ B_1 = 328;\ \ q^{2},\ B_3 = 325$

$p_{17}^{10},\ B_2 = 324$

$1001523179^{4} \Rightarrow 181 \cdot 1099298734488491 \cdot P_{19},\ B_1 = 119$

$P_{19}^{2} \Rightarrow 7\ldots,\ D$

$P_{19}^{4} \Rightarrow 5 \cdot 37501 \cdot 31299392497173527281 \cdot p_{51},\ B_1 = 258$

$p_{51}^{1} \Rightarrow 3 \cdot n,\ B_1 = 308$

$p_{51}^{2} \Rightarrow 7\ldots,\ D$

$p_{51}^{4},\ B_2 = 400$

$P_{19}^{6} \Rightarrow 127\ldots,\ D;\ \ q^{10},\ B_2 = 374$

$1001523179^{6} \Rightarrow 421 \cdot 2464419019796363687 \cdot P_{33},\ B_1 = 173$

$P_{33}^{2} \Rightarrow 163 \cdot 390721 \cdot 6050130041152489 \cdot 10988965838620369927 \cdot p_{24},\ B_1 = 284$

$p_{24}^{1} \Rightarrow 613 \cdot n,\ B_1 = 310$

$p_{24}^{2} \Rightarrow 19\ldots,\ D;\ \ q^{4},\ B_3 = 338$

$P_{33}^{4} \Rightarrow 11\ldots,\ D;\ \ q^{6},\ B_2 = 395$

$1001523179^{10} \Rightarrow 23629 \cdot 34519 \cdot 593268017 \cdot$
$187051793464801 \cdot 439409519511359 \cdot p_{44},\ B_1 = 240$

$p_{44}^{1} \Rightarrow 37 \cdot 103 \cdot P_{40},\ B_1 = 326$

$p_{44}^{2} \Rightarrow 13\ldots,\ D;\ \ q^{4},\ B_3 = 356$

$1001523179^{12} \Rightarrow 6136547 \cdot 91551857004271 \cdot 807813012557149 \cdot c_{73},\ B_1 = 250$

$p_{15}^{1} \Rightarrow 5^{2} \cdot 935813 \cdot 17264411,\ B_1 = 278$

$17264411^{2} \Rightarrow 37 \cdot 1213 \cdot 3547 \cdot 1872319,\ B_1 = 307$

$17264411^{4} \Rightarrow 5 \cdot n,\ B_1 = 322;\ \ q^{6},\ B_3 = 307$

$p_{15}^{2} \Rightarrow 7\ldots,\ D$

$p_{15}^{4} \Rightarrow 11\ldots,\ D;\ \ q^{6},\ B_3 = 325$

$1001523179^{16} \Rightarrow 239 \cdot n,\ B_1 = 304;\ \ q^{18},\ B_2 = 324$

$3^{28} \Rightarrow 59 \cdot 28537 \cdot 20381027,\ B_1 = 35$

$20381027^{2} \Rightarrow 7\ldots,\ D$

$20381027^{4} \Rightarrow p_{30},\ B_1 = 84$

$p_{30}^{1} \Rightarrow 8599579 \cdot 93469471 \cdot p_{15},\ B_1 = 142$

$p_{15}^{2} \Rightarrow 7\ldots,\ D$

$p_{15}^{4} \Rightarrow 9083411 \cdot 12859031 \cdot 248531574771551 \cdot P_{28},\ B_1 = 282$

$P_{28}^{2} \Rightarrow 3 \cdot n,\ B_1 = 337;\ \ q^{4},\ B_3 = 337$

$p_{15}^{6} \Rightarrow 617 \cdot 3329761 \cdot 534239119 \cdot n,\ B_1 = 300$

$p_{15}^{10} \Rightarrow 11\ldots,\ D;\ \ q^{12},\ B_2 = 336$

$p_{30}^{2} \Rightarrow 19\ldots,\ D$

$p_{30}^{4} \Rightarrow 5 \cdot 1901 \cdot 2940027031 \cdot 10564674611 \cdot p_{94},\ B_1 = 312;\ \ q^{6},\ B_2 = 350$

$20381027^{6} \Rightarrow 43 \cdot 463 \cdot 3557 \cdot 351023 \cdot 837313 \cdot 478880543 \cdot p_{16},\ B_1 = 141$

$p_{16}^{1} \Rightarrow 3 \cdot 1034879 \cdot 1158061627,\ B_1 = 171$

$1158061627^{2} \Rightarrow 7\ldots,\ D$

$1158061627^{4} \Rightarrow 300581 \cdot 176771523631 \cdot P_{20},\ B_1 = 262$

$P_{20}^{2} \Rightarrow 3 \cdot n,\ B_1 = 300;\ \ q^{4},\ B_3 = 301$

$1158061627^{6} \Rightarrow 29 \cdot 3511271 \cdot 42887513411 \cdot p_{36},\ B_1 = 316$

$1158061627^{10} \Rightarrow 23 \cdot n,\ B_1 = 336$

$1158061627^{12} \Rightarrow n,\ B_1 = 371$

$1158061627^{16} \Rightarrow 103^{2} \cdot n,\ B_1 = 443;\ \ q^{18},\ B_2 = 326$

$p_{16}^{2} \Rightarrow 61 \cdot 19295839 \cdot 170015941 \cdot p_{15},\ B_1 = 206$

$p_{15}^{1} \Rightarrow 7\ldots,\ D$

$p_{15}^{2} \Rightarrow 3 \cdot 109 \cdot 186978817 \cdot 320373271 \cdot 3408217147,\ B_1 = 269$

$3408217147^{2} \Rightarrow 3 \cdot 674731 \cdot p_{13},\ B_1 = 301$

$3408217147^{4} \Rightarrow 11\ldots,\ D;\ \ q^{6},\ B_3 = 307$

$p_{15}^{4} \Rightarrow 11\ldots,\ D$

$p_{15}^6 \Rightarrow 491 \cdot n,\ B_1 = 359;\ \ q^{10},\ B_3 = 327$

$p_{16}^4 \Rightarrow 5641 \cdot 7857781 \cdot 238465861 \cdot 18988763011 \cdot P_{35},\ B_1 = 307$

$p_{16}^6 \Rightarrow 7 \ldots,\ D;\ \ q^{10},\ B_2 = 317$

$20381027^{10} \Rightarrow 29482223 \cdot 149391727 \cdot p_{58},\ B_1 = 187$

$p_{58}^1 \Rightarrow 3 \cdot 673 \cdot 505406119011936187430003 \cdot P_{32},\ B_1 = 300$

$p_{58}^2 \Rightarrow 199 \cdot n,\ B_1 = 357;\ \ q^4,\ B_2 = 459$

$20381027^{12} \Rightarrow 53 \cdot 2861 \cdot 9829 \cdot 869861272179663193 \cdot 5621659525219025590433 \cdot p_{39},\ B_1 = 250$

$p_{39}^1 \Rightarrow 7 \ldots,\ D$

$p_{39}^2 \Rightarrow n,\ B_1 = 344;\ \ q^4,\ B_3 = 344$

$20381027^{16} \Rightarrow 4013 \cdot 5068257193 \cdot 97602570731 \cdot 1814270412282839236717 \cdot P_{72},\ B_1 = 355$

$20381027^{18} \Rightarrow 229 \cdot 3877 \cdot 60423336640596773 \cdot$
$85801998900601015771 \cdot P_{89},\ B_1 = 403;\ \ q^{22},\ B_2 = 321$

$3^{30} \Rightarrow 683 \cdot 102673 \cdot 4404047,\ B_1 = 38$

$4404047^2 \Rightarrow 7 \ldots,\ D$

$4404047^4 \Rightarrow 131 \cdot 211 \cdot 461 \cdot 2770771 \cdot P_{14},\ B_1 = 104$

$P_{14}^2 \Rightarrow 7 \ldots,\ D$

$P_{14}^4 \Rightarrow 5 \cdot 229681 \cdot p_{47},\ B_1 = 193$

$p_{47}^1 \Rightarrow 17 \cdot 167 \ldots,\ S\ \ 3^{30} \cdot 5^2 \cdot 17^2 \cdot 131^2 \cdot 167^2$

$p_{47}^2 \Rightarrow 19 \ldots,\ D$

$p_{47}^4,\ B_2 = 368$

$P_{14}^6 \Rightarrow 71 \cdot P_{77},\ B_1 = 313$

$P_{14}^{10} \Rightarrow n,\ B_1 = 339;\ \ q^{12},\ B_2 = 312$

$4404047^6 \Rightarrow 29^2 \cdot 268088311 \cdot 21392848667 \cdot p_{19},\ B_1 = 128$

$p_{19}^1 \Rightarrow 3^2 \cdot 127709 \cdot 500153 \cdot 1315747,\ B_1 = 162$

$1315747^2 \Rightarrow 3 \cdot 114001 \cdot 5061919,\ B_1 = 185$

$5061919^2 \Rightarrow 7 \ldots,\ D$

$5061919^4 \Rightarrow 11 \ldots,\ D$

$5061919^6 \Rightarrow 71 \cdot P_{39},\ B_1 = 293$

$P_{39}^2 \Rightarrow 13 \ldots,\ D;\ \ q^4,\ B_3 = 369$

$5061919^{10} \Rightarrow n,\ B_1 = 306$

$5061919^{12} \Rightarrow n,\ B_1 = 333$

$5061919^{16} \Rightarrow n,\ B_1 = 386$

$5061919^{18} \Rightarrow n,\ B_1 = 413;\ \ q^{22},\ B_3 = 319$

$1315747^4 \Rightarrow 11 \ldots,\ D$

$1315747^6 \Rightarrow 1583 \cdot 1659883 \cdot p_{28},\ B_1 = 260$

$p_{28}^2 \Rightarrow n,\ B_1 = 314;\ \ q^4,\ B_3 = 314$

$1315747^{10} \Rightarrow 23 \cdot P_{60},\ B_1 = 333$

$1315747^{12} \Rightarrow 169937 \cdot p_{69},\ B_1 = 370$

$1315747^{16} \Rightarrow n,\ B_1 = 345$

$1315747^{18} \Rightarrow n,\ B_1 = 370$

$1315747^{22} \Rightarrow 139 \cdot n,\ B_1 = 421;\ \ q^{28},\ B_2 = 342$

$p_{19}^2 \Rightarrow 223 \cdot 101828602589821 \cdot p_{21},\ B_1 = 199$

$p_{21}^1 \Rightarrow P_{20},\ B_1 = 238$

$P_{20}^2 \Rightarrow 13 \ldots,\ D$

$P_{20}^4 \Rightarrow 11 \ldots,\ D$

$P_{20}^6,\ B_3 = 317$

$p_{21}^2 \Rightarrow 19 \ldots,\ D$

$p_{21}^4 \Rightarrow 11 \ldots,\ D$

$p_{21}^6 \Rightarrow 197 \cdot n,\ B_1 = 407;\ \ q^{10},\ B_2 = 400$

$p_{19}^4 \Rightarrow 5 \cdot 751 \cdot 15910350404647656486 11 \cdot p_{49},\ B_1 = 279$

$p_{49}^1 \Rightarrow 3 \cdot n,\ B_1 = 327;\ \ q^2,\ B_3 = 323$

$p_{19}^6 \Rightarrow 7 \ldots,\ D;\ \ q^{10},\ B_2 = 363$

$4404047^{10} \Rightarrow 397 \cdot 2531 \cdot 173977 \cdot 1065192899 \cdot 48873043253 \cdot p_{36},\ B_1 = 193$

$p_{36}^1 \Rightarrow 3 \cdot 5 \cdot 257 \cdot 1361 \cdot 1879 \cdot 5231 \cdot 900217 \cdot 6266459 \cdot 518386877,\ B_1 = 263$

11799: $518386877^{2} \Rightarrow 1937077 \cdot 138727038091,\ B_1 = 298$
11800: $138727038091^{2} \Rightarrow 3 \cdot n,\ B_1 = 319;\ q^{4},\ B_3 = 320$
11802: $518386877^{4} \Rightarrow 641 \cdot n,\ B_1 = 318$
11803: $518386877^{6} \Rightarrow 7 \ldots,\ D$
11804: $518386877^{10},\ B_3 = 332$
11805: $p_{36}^{2} \Rightarrow 7 \ldots,\ D$
11806: $p_{36}^{4} \Rightarrow n,\ B_1 = 431;\ q^{6},\ B_2 = 425$
11808: $4404047^{12} \Rightarrow 443 \cdot 156781 \cdot 3146833 \cdot 380651915440421 \cdot P_{51},\ B_1 = 254$
11809: $P_{51}^{2} \Rightarrow 7 \ldots,\ D;\ q^{4},\ B_2 = 406$
11811: $4404047^{16} \Rightarrow 103 \cdot 10303 \cdot 67804104377 \cdot 5156188740988517 \cdot p_{74},\ B_1 = 275$
11812: $p_{74}^{1} \Rightarrow 11 \ldots,\ D;\ q^{2},\ B_3 = 333$
11814: $4404047^{18} \Rightarrow 191 \cdot 576689 \cdot 2140807 \cdot 32615913256463 \cdot c_{92},\ B_1 = 291$
11815: $P_{14}^{2} \Rightarrow n,\ B_1 = 318;\ q^{4},\ B_3 = 318$
11817: $4404047^{22} \Rightarrow 47 \cdot n,\ B_1 = 318;\ q^{28},\ B_2 = 372$
11819: $3^{36} \Rightarrow 13097927 \cdot 17189128703,\ B_1 = 51$
11820: $17189128703^{2} \Rightarrow 19 \ldots,\ D$
11821: $17189128703^{4} \Rightarrow 151 \cdot 4801 \cdot P_{36},\ B_1 = 150$
11822: $P_{36}^{2} \Rightarrow 3 \cdot P_{70},\ B_1 = 289$
11823: $P_{70}^{2} \Rightarrow 19 \ldots,\ D;\ q^{4},\ B_2 = 557$
11825: $P_{36}^{4} \Rightarrow 31 \ldots,\ D;\ q^{6},\ B_2 = 420$
11827: $17189128703^{6} \Rightarrow 211 \cdot 37290282733773841040942129 39 \cdot p_{32},\ B_1 = 184$
11828: $p_{32}^{1} \Rightarrow 3^{2} \cdot 31296983989801 \cdot p_{17},\ B_1 = 244$
11829: $p_{17}^{2} \Rightarrow 37 \cdot P_{32},\ B_1 = 311$
11830: $p_{17}^{4} \Rightarrow 5 \cdot 191 \cdot n,\ B_1 = 348;\ q^{6},\ B_3 = 311$
11832: $p_{32}^{2} \Rightarrow 127 \ldots,\ D$
11833: $p_{32}^{4} \Rightarrow n,\ B_1 = 404;\ q^{6},\ B_2 = 378$
11835: $17189128703^{10} \Rightarrow 454361791506283 \cdot 74906490019115723 \cdot p_{71},\ B_1 = 267$
11836: $p_{71}^{1} \Rightarrow 3^{2} \cdot 17 \cdot 43 \cdot n,\ B_1 = 340;\ q^{2},\ B_3 = 338$
11838: $17189128703^{12} \Rightarrow 677 \cdot 15289 \cdot 179452162007 \cdot 3038776685491 \cdot p_{93},\ B_1 = 307;\ q^{16},\ B_2 = 327$
11840: $3^{40} \Rightarrow 83 \cdot 2526913 \cdot 86950696619,\ B_1 = 51$
11841: $2526913^{1} \Rightarrow 13 \ldots,\ D$
11842: $2526913^{2} \Rightarrow 7 \ldots,\ D$
11843: $2526913^{4} \Rightarrow 11 \ldots,\ D$
11844: $2526913^{6} \Rightarrow 197 \cdot 659 \cdot 2423 \cdot 156577 \cdot 848697683 \cdot p_{16},\ B_1 = 144$
11845: $p_{16}^{1} \Rightarrow 137 \cdot P_{14},\ B_1 = 175$
11846: $P_{14}^{2} \Rightarrow 7 \ldots,\ D$
11847: $P_{14}^{4} \Rightarrow 654581981 \cdot 147867264827934571 \cdot P_{28},\ B_1 = 308$
11848: $P_{14}^{6} \Rightarrow n,\ B_1 = 308$
11849: $P_{14}^{10} \Rightarrow n,\ B_1 = 415;\ q^{12},\ B_2 = 320$
11851: $p_{16}^{2} \Rightarrow 13 \ldots,\ D$
11852: $p_{16}^{4} \Rightarrow 11 \ldots,\ D$
11853: $p_{16}^{6} \Rightarrow 7 \ldots,\ D;\ q^{10},\ B_2 = 315$
11855: $2526913^{10} \Rightarrow 23 \cdot 1369831 \cdot P_{57},\ B_1 = 236$
11856: $P_{57}^{2} \Rightarrow 3 \cdot 487 \cdot n,\ B_1 = 352;\ q^{4},\ B_2 = 452$
11858: $2526913^{12} \Rightarrow 118929679129 \cdot 11239053828263 \cdot P_{53},\ B_1 = 264$
11859: $P_{53}^{2} \Rightarrow 7 \ldots,\ D;\ q^{4},\ B_2 = 421$
11861: $2526913^{16} \Rightarrow 103 \cdot 2045500997 \cdot 2280827611 \cdot 919127312099753 \cdot p_{67},\ B_1 = 285$
11862: $p_{67}^{1} \Rightarrow 7 \ldots,\ D;\ q^{2},\ B_3 = 337$
11864: $2526913^{18} \Rightarrow 419 \cdot 647 \cdot 39863 \cdot 738341 \cdot c_{100},\ B_1 = 285$
11865: $738341^{1} \Rightarrow 11 \ldots,\ D$
11866: $738341^{2} \Rightarrow 7 \ldots,\ D;\ q^{4},\ B_3 = 302$
11868: $2526913^{22} \Rightarrow 829 \cdot n,\ B_1 = 326;\ q^{28},\ B_2 = 358$
11870: $3^{42} \Rightarrow 431 \cdot P_{18},\ B_1 = 60$
11871: $P_{18}^{2} \Rightarrow 19 \ldots,\ D$

11872: $P_{18}^4 \Rightarrow 101 \cdot 55381 \cdot 882701 \cdot 161143736783433929267521 \cdot p_{35},\ B_1 = 201$
11873: $p_{35}^1 \Rightarrow 29 \cdot 173 \cdot 20947 \cdot 111347 \cdot 6412873 \cdot 11929693 \cdot 14762543,\ B_1 = 270$
11874: $14762543^2 \Rightarrow 13 \ldots,\ D$
11875: $14762543^4 \Rightarrow 11 \ldots,\ D$
11876: $14762543^6 \Rightarrow 43 \cdot n,\ B_1 = 343;\ \ q^{10},\ B_3 = 327$
11878: $p_{35}^2 \Rightarrow 19 \ldots,\ D$
11879: $p_{35}^4 \Rightarrow 5 \cdot 491 \cdot n,\ B_1 = 422;\ \ q^6,\ B_2 = 413$
11881: $P_{18}^6 \Rightarrow 209161562165683 \cdot 1208923608657985963 \cdot c_{74},\ B_1 = 268$
11882: $P_{19}^2 \Rightarrow 3 \cdot 229 \cdot n,\ B_1 = 304;\ \ q^4,\ B_3 = 304$
11884: $P_{18}^{10},\ B_2 = 351$
11885: $3^{46} \Rightarrow 1223 \cdot 21997 \cdot 5112661 \cdot 96656723,\ B_1 = 59$
11886: $96656723^2 \Rightarrow 7 \ldots,\ D$
11887: $96656723^4 \Rightarrow 11 \ldots,\ D$
11888: $96656723^6 \Rightarrow 547 \cdot 42612103598258347195 43 \cdot p_{24},\ B_1 = 170$
11889: $p_{24}^1 \Rightarrow 3 \cdot 12613 \cdot 19991 \cdot 578819 \cdot 399507707,\ B_1 = 215$
11890: $399507707^2 \Rightarrow 7 \ldots,\ D$
11891: $399507707^4 \Rightarrow 11 \ldots,\ D$
11892: $399507707^6 \Rightarrow 29 \cdot 113 \cdot 197 \cdot 463 \cdot n,\ B_1 = 310$
11893: $399507707^{10} \Rightarrow 67 \cdot n,\ B_1 = 372;\ \ q^{12},\ B_3 = 301$
11895: $p_{24}^2 \Rightarrow 4561 \cdot 3025674367 \cdot 8866380763 \cdot P_{25},\ B_1 = 281$
11896: $P_{25}^2 \Rightarrow 13 \ldots,\ D;\ \ q^4,\ B_3 = 329$
11898: $p_{24}^4 \Rightarrow 61 \cdot 331 \cdot n,\ B_1 = 332$
11899: $p_{24}^6 \Rightarrow 7 \ldots,\ D;\ \ q^{10},\ B_2 = 470$
11901: $96656723^{10} \Rightarrow 130769 \cdot 258809 \cdot 96798194043479907661 \cdot p_{50},\ B_1 = 240$
11902: $p_{50}^1 \Rightarrow 29 \cdot 67 \cdot 167 \cdot 1109 \cdot 320694229 \cdot p_{32},\ B_1 = 338$
11903: $p_{50}^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_2 = 394$
11905: $96656723^{12} \Rightarrow 79 \cdot 2003 \cdot 21269 \cdot c_{87},\ B_1 = 244$
11906: $21269^1 \Rightarrow 3 \cdot 5 \cdot 709,\ B_1 = 254$
11907: $709^2 \Rightarrow 7 \ldots,\ D$
11908: $709^4 \Rightarrow 11 \ldots,\ D$
11909: $709^6 \Rightarrow 43 \cdot 8407757 \cdot 351837221,\ B_1 = 299$
11910: $351837221^2 \Rightarrow 109 \cdot n,\ B_1 = 318;\ \ q^4,\ B_3 = 316$
11912: $709^{10} \Rightarrow n,\ B_1 = 305$
11913: $709^{12} \Rightarrow n,\ B_1 = 316$
11914: $709^{16} \Rightarrow n,\ B_1 = 339$
11915: $709^{18} \Rightarrow 191 \cdot n,\ B_1 = 353;\ \ q^{22},\ B_3 = 311$
11917: $21269^2 \Rightarrow 283 \cdot 1598557,\ B_1 = 261$
11918: $1598557^1 \Rightarrow 13 \ldots,\ D$
11919: $1598557^2 \Rightarrow 19 \ldots,\ D$
11920: $1598557^4 \Rightarrow 11 \ldots,\ D$
11921: $1598557^6 \Rightarrow 127 \ldots,\ D;\ \ q^{10},\ B_3 = 311$
11923: $21269^4 \Rightarrow 1321 \cdot 17351 \cdot 8928559091,\ B_1 = 287$
11924: $8928559091^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_3 = 307$
11926: $21269^6 \Rightarrow 5209 \cdot 246709 \cdot P_{17},\ B_1 = 313$
11927: $21269^{10} \Rightarrow 331 \cdot n,\ B_1 = 325$
11928: $21269^{12} \Rightarrow 13 \ldots,\ D;\ \ q^{16},\ B_3 = 305$
11930: $96656723^{16} \Rightarrow 103 \cdot 137 \cdot 953 \cdot n,\ B_1 = 306$
11931: $96656723^{18} \Rightarrow n,\ B_1 = 330;\ \ q^{22},\ B_2 = 351$
11933: $3^{52} \Rightarrow 107 \cdot 24169 \cdot P_{19},\ B_1 = 70$
11934: $P_{19}^2 \Rightarrow 31 \ldots,\ D$
11935: $P_{19}^4 \Rightarrow 41 \cdot 6450541 \cdot 7637270998181836343480179158096 1 \cdot p_{34},\ B_1 = 226$
11936: $p_{34}^1 \Rightarrow 3^2 \cdot 107 \cdot 2564568613 \cdot p_{22},\ B_1 = 287$
11937: $p_{22}^2 \Rightarrow 19 \ldots,\ D$
11938: $p_{22}^4,\ B_3 = 330$

11939: $p_{34}^2 \Rightarrow 19\ldots,\ D$
11940: $p_{34}^4 \Rightarrow 5\cdot151\cdot n,\ B_1 = 435;\ \ q^6,\ B_2 = 407$
11942: $P_{19}^6 \Rightarrow 55147\cdot c_{107},\ B_1 = 260$
11943: $55147^2 \Rightarrow 3\cdot151\cdot6713569,\ B_1 = 276$
11944: $6713569^1 \Rightarrow 5\cdot671357,\ B_1 = 289$
11945: $671357^2 \Rightarrow 19\ldots,\ D;\ \ q^4,\ B_3 = 301$
11947: $6713569^2 \Rightarrow 7\ldots,\ D$
11948: $6713569^4 \Rightarrow 11\ldots,\ D;\ \ q^6,\ B_3 = 306$
11950: $55147^4 \Rightarrow 11\ldots,\ D$
11951: $55147^6 \Rightarrow 7\ldots,\ D$
11952: $55147^{10} \Rightarrow 23\cdot n,\ B_1 = 347;\ \ q^{12},\ B_3 = 308$
11954: $P_{19}^{10},\ B_2 = 371$
11955: $3^{58} \Rightarrow 14425532687\cdot P_{18},\ B_1 = 83$
11956: $P_{18}^2 \Rightarrow 61\cdot1861\cdot21277\cdot11549803\cdot P_{19},\ B_1 = 149$
11957: $P_{19}^2 \Rightarrow 19\ldots,\ D$
11958: $P_{19}^4 \Rightarrow 5\cdot p_{76},\ B_1 = 268$
11959: $p_{76}^1 \Rightarrow n,\ B_1 = 343;\ \ q^2,\ B_3 = 339$
11961: $P_{19}^6 \Rightarrow 211\cdot n,\ B_1 = 341;\ \ q^{10},\ B_2 = 378$
11963: $P_{18}^4 \Rightarrow 2081\cdot1863374621\cdot p_{59},\ B_1 = 202$
11964: $p_{59}^1 \Rightarrow 229\cdot881\cdot167263715219194132875009 13\cdot P_{28},\ B_1 = 317$
11965: $p_{59}^2 \Rightarrow 19\ldots,\ D;\ \ q^4,\ B_2 = 465$
11967: $P_{18}^6 \Rightarrow 5509806121\cdot p_{97},\ B_1 = 270$
11968: $p_{97}^1 \Rightarrow n,\ B_1 = 366;\ \ q^2,\ B_2 = 385$
11970: $P_{18}^{10},\ B_2 = 353$
11971: $3^{60} \Rightarrow 603901\cdot p_{24},\ B_1 = 63$
11972: $p_{24}^1 \Rightarrow 13\ldots,\ D$
11973: $p_{24}^2 \Rightarrow 7\ldots,\ D$
11974: $p_{24}^4 \Rightarrow 5\cdot3467554724111\cdot411802087918509031\cdot1432484435709264914742 11\cdot P_{39},\ B_1 = 310$
11975: $p_{24}^6 \Rightarrow n,\ B_1 = 310;\ \ q^{10},\ B_2 = 460$
11977: $3^{66} \Rightarrow 221101\cdot441019876741\cdot p_{15},\ B_1 = 80$
11978: $p_{15}^1 \Rightarrow 101429\cdot2343435803,\ B_1 = 108$
11979: $2343435803^2 \Rightarrow 7\ldots,\ D$
11980: $2343435803^4 \Rightarrow 11\ldots,\ D$
11981: $2343435803^6 \Rightarrow 113\cdot491\cdot22467494290765689356138 93\cdot P_{28},\ B_1 = 258$
11982: $P_{28}^2 \Rightarrow 223\cdot n,\ B_1 = 315;\ \ q^4,\ B_3 = 313$
11984: $2343435803^{10} \Rightarrow 23\cdot89\cdot199\cdot32429\cdot p_{84},\ B_1 = 371$
11985: $2343435803^{12} \Rightarrow 53\cdot n,\ B_1 = 316$
11986: $2343435803^{16} \Rightarrow n,\ B_1 = 389;\ \ q^{18},\ B_2 = 337$
11988: $p_{15}^2 \Rightarrow 19\ldots,\ D$
11989: $p_{15}^4 \Rightarrow 71\cdot2141\cdot4281922861\cdot2020300327691\cdot p_{32},\ B_1 = 210$
11990: $p_{32}^1 \Rightarrow 574642571\cdot P_{23},\ B_1 = 272$
11991: $P_{23}^2 \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_3 = 317$
11993: $p_{32}^2 \Rightarrow 3\cdot1321\cdot9319\cdot69439\cdot n,\ B_1 = 304$
11994: $p_{32}^4 \Rightarrow 5\cdot101\cdot n,\ B_1 = 422;\ \ q^6,\ B_2 = 379$
11996: $p_{15}^6 \Rightarrow 52571\cdot88043593508181977\cdot$
$40285396550964943757\cdot70079172111599681479\cdot P_{27},\ B_1 = 310$
11997: $p_{15}^{10} \Rightarrow 11\ldots,\ D;\ \ q^{12},\ B_2 = 352$
11999: $3^{70} \Rightarrow p_{34},\ B_1 = 66$
12000: $p_{34}^1 \Rightarrow 853\cdot2131\cdot82219\cdot3099719989\cdot P_{13},\ B_1 = 133$
12001: $P_{13}^2 \Rightarrow 3\cdot97813\cdot P_{20},\ B_1 = 182$
12002: $P_{20}^2 \Rightarrow 3\cdot3271\cdot37374079413344599\cdot P_{19},\ B_1 = 261$
12003: $P_{19}^2 \Rightarrow 19\ldots,\ D$
12004: $P_{19}^4 \Rightarrow 41\cdot311\cdot521\cdot761\cdot n,\ B_1 = 384;\ \ q^6,\ B_3 = 336$
12006: $P_{20}^4 \Rightarrow n,\ B_1 = 301$

12007: $P_{20}^{6} \Rightarrow 7\ldots,\ D;\ \ q^{10},\ B_2 = 394$
12009: $P_{13}^{4} \Rightarrow 11\ldots,\ D$
12010: $P_{13}^{6} \Rightarrow 43\cdot 257993\cdot P_{69},\ B_1 = 335$
12011: $P_{13}^{10} \Rightarrow 23\cdot 67\cdot 89\cdot 419\cdot n,\ B_1 = 368;\ \ q^{12},\ B_2 = 302$
12013: $p_{34}^{2} \Rightarrow 7\ldots,\ D$
12014: $p_{34}^{4} \Rightarrow 211\cdot n,\ B_1 = 304;\ \ q^{6},\ B_2 = 402$
12016: $3^{72} \Rightarrow 11243\cdot 20149\cdot 15768033143\cdot p_{16},\ B_1 = 87$
12017: $p_{16}^{1} \Rightarrow 7\ldots,\ D$
12018: $p_{16}^{2} \Rightarrow 3\cdot p_{32},\ B_1 = 134$
12019: $p_{32}^{1} \Rightarrow 47\cdot 53\cdot 647\cdot p_{25},\ B_1 = 197$
12020: $p_{25}^{2} \Rightarrow 37\cdot 757\cdot 3499\cdot 19105843\cdot 563816269\cdot 1959224382721\cdot P_{14},\ B_1 = 297$
12021: $P_{14}^{2} \Rightarrow 3\cdot 163\cdot n,\ B_1 = 326;\ \ q^{4},\ B_3 = 324$
12023: $p_{25}^{4} \Rightarrow 131\cdot n,\ B_1 = 349$
12024: $p_{25}^{6} \Rightarrow 29\cdot 43\cdot n,\ B_1 = 449;\ \ q^{10},\ B_2 = 499$
12026: $p_{32}^{2} \Rightarrow 3\cdot 13681\cdot 23887\cdot 75709\cdot 134633676459019\cdot 39043567624569589\cdot p_{19},\ B_1 = 272$
12027: $p_{19}^{1} \Rightarrow 239\cdot 5261\cdot 8269\cdot 109695889,\ B_1 = 309$
12028: $p_{19}^{2} \Rightarrow 3\cdot n,\ B_1 = 310;\ \ q^{4},\ B_3 = 311$
12030: $p_{32}^{4} \Rightarrow 11\ldots,\ D$
12031: $p_{32}^{6},\ B_2 = 377$
12032: $p_{16}^{4} \Rightarrow 11\ldots,\ D$
12033: $p_{16}^{6} \Rightarrow 43\cdot 254860453\cdot p_{86},\ B_1 = 273$
12034: $p_{86}^{1} \Rightarrow 13\ldots,\ D;\ \ q^{2},\ B_3 = 350$
12036: $p_{16}^{10},\ B_2 = 319$
12037: $3^{78} \Rightarrow 432853009\cdot 392038110671\cdot P_{18},\ B_1 = 103$
12038: $P_{18}^{2} \Rightarrow 7\ldots,\ D$
12039: $P_{18}^{4} \Rightarrow 11\ldots,\ D$
12040: $P_{18}^{6} \Rightarrow 43\cdot 21617\cdot 7848163\cdot 417093404217140659\cdot P_{73},\ B_1 = 377;\ \ q^{10},\ B_2 = 343$
12042: $3^{82} \Rightarrow 167\cdot 12119\cdot 1036745531\cdot P_{24},\ B_1 = 117$
12043: $P_{24}^{2} \Rightarrow 19\ldots,\ D$
12044: $P_{24}^{4} \Rightarrow 11\ldots,\ D$
12045: $P_{24}^{6} \Rightarrow n,\ B_1 = 357;\ \ q^{10},\ B_2 = 479$
12047: $3^{88} \Rightarrow 179\cdot 1611479891519807\cdot p_{25},\ B_1 = 101$
12048: $p_{25}^{1} \Rightarrow 13\ldots,\ D$
12049: $p_{25}^{2} \Rightarrow 7\ldots,\ D$
12050: $p_{25}^{4} \Rightarrow 31\ldots,\ D$
12051: $p_{25}^{6} \Rightarrow n,\ B_1 = 373;\ \ q^{10},\ B_2 = 494$
12053: $3^{96} \Rightarrow 76631\cdot 2549755542947\cdot p_{29},\ B_1 = 109$
12054: $p_{29}^{1} \Rightarrow 11\ldots,\ D$
12055: $p_{29}^{2} \Rightarrow 3\cdot 403605913\cdot 247663766521\cdot p_{37},\ B_1 = 214$
12056: $p_{37}^{1} \Rightarrow 192251\cdot p_{32},\ B_1 = 287$
12057: $p_{32}^{2} \Rightarrow 211\cdot 739\cdot n,\ B_1 = 355;\ \ q^{4},\ B_3 = 350$
12059: $p_{37}^{2} \Rightarrow 3\cdot n,\ B_1 = 313;\ \ q^{4},\ B_3 = 313$
12061: $p_{29}^{4} \Rightarrow n,\ B_1 = 309;\ \ q^{6},\ B_2 = 344$
12063: $3^{100} \Rightarrow 33034273\cdot 465092326319\cdot P_{29},\ B_1 = 135$
12064: $P_{29}^{2} \Rightarrow 277\cdot 907\cdot 10687\cdot p_{48},\ B_1 = 210$
12065: $p_{48}^{1} \Rightarrow 7794023\cdot 3377651878597\cdot P_{29},\ B_1 = 305$
12066: $p_{48}^{2} \Rightarrow 3\cdot n,\ B_1 = 346;\ \ q^{4},\ B_2 = 383$
12068: $P_{29}^{4} \Rightarrow 271\cdot n,\ B_1 = 310;\ \ q^{6},\ B_2 = 344$
12070: $3^{102} \Rightarrow p_{49},\ B_1 = 97$
12071: $p_{49}^{1} \Rightarrow 619\cdot 3661040653\cdot p_{37},\ B_1 = 194$
12072: $p_{37}^{2} \Rightarrow 3\cdot 2689\cdot 3457\cdot 81695390677\cdot 308890468603\cdot P_{43},\ B_1 = 338$
12073: $p_{37}^{4} \Rightarrow 5\cdot n,\ B_1 = 412;\ \ q^{6},\ B_2 = 434$
12075: $p_{49}^{2} \Rightarrow 3\cdot 61\cdot 33703\cdot 1164811\cdot 270547105429567\cdot 67499300868760805318366 71\cdot p_{46},\ B_1 = 295$
12076: $p_{46}^{1} \Rightarrow 7\ldots,\ D;\ \ q^{2},\ B_3 = 338$

12078: $p_{49}^4,\ B_2 = 390$

12079: $3^{106} \Rightarrow 50077 \cdot 229837 \cdot p_{41},\ B_1 = 111$

12080: $p_{41}^1 \Rightarrow 31 \ldots,\ D$

12081: $p_{41}^2 \Rightarrow 19 \ldots,\ D;\ \ q^4,\ B_2 = 325$

12083: $3^{108} \Rightarrow 1091 \cdot 521402591 \cdot 3499901929 \cdot 239789806103 \cdot P_{20},\ B_1 = 145$

12084: $P_{20}^2 \Rightarrow 241 \cdot 621031 \cdot 6723907 \cdot p_{24},\ B_1 = 207$

12085: $p_{24}^1 \Rightarrow 5 \cdot 1399 \cdot P_{19},\ B_1 = 253$

12086: $P_{19}^2 \Rightarrow 73 \cdot 12703 \cdot 12117963973 \cdot P_{22},\ B_1 = 329$

12087: $P_{19}^4 \Rightarrow 151 \cdot n,\ B_1 = 369;\ \ q^6,\ B_3 = 329$

12089: $p_{24}^2 \Rightarrow 13 \ldots,\ D$

12090: $p_{24}^4 \Rightarrow n,\ B_1 = 359;\ \ q^6,\ B_3 = 313$

12092: $P_{20}^4 \Rightarrow 3533445551 \cdot P_{67},\ B_1 = 335$

12093: $P_{20}^6 \Rightarrow n,\ B_1 = 335;\ \ q^{10},\ B_2 = 380$

12095: $3^{112} \Rightarrow 227 \cdot 1583 \cdot 2172539 \cdot P_{42},\ B_1 = 160$

12096: $P_{42}^2 \Rightarrow 19 \ldots,\ D;\ \ q^4,\ B_2 = 333$

12098: $3^{126} \Rightarrow 5843 \cdot 681229 \cdot 21520151 \cdot 76082653 \cdot p_{36},\ B_1 = 145$

12099: $p_{36}^1 \Rightarrow 7 \ldots,\ D$

12100: $p_{36}^2 \Rightarrow 19 \ldots,\ D$

12101: $p_{36}^4 \Rightarrow 11 \ldots,\ D;\ \ q^6,\ B_2 = 425$

12103: $3^{130} \Rightarrow 263 \cdot P_{60},\ B_1 = 186$

12104: $P_{60}^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_2 = 478$

12106: $3^{136} \Rightarrow 4933 \cdot 217629707 \cdot P_{54},\ B_1 = 191$

12107: $P_{54}^2 \Rightarrow 262878787 \cdot n,\ B_1 = 305;\ \ q^4,\ B_2 = 424$

12109: $3^{138} \Rightarrow 1669 \cdot 5430731 \cdot P_{57},\ B_1 = 194$

12110: $P_{57}^2 \Rightarrow 13 \ldots,\ D;\ \ q^4,\ B_2 = 448$

12112: $3^{148} \Rightarrow 7451 \cdot 177941761 \cdot P_{59},\ B_1 = 203$

12113: $P_{59}^2 \Rightarrow n,\ B_1 = 321;\ \ q^4,\ B_2 = 469$

12115: $3^{150} \Rightarrow 1511 \cdot 6263783 \cdot 64745079361 \cdot p_{51},\ B_1 = 164$

12116: $p_{51}^1 \Rightarrow 3121 \cdot 8515313489767449619 \cdot p_{29},\ B_1 = 265$

12117: $p_{29}^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_3 = 321$

12119: $p_{51}^2 \Rightarrow 3 \cdot 109 \cdot n,\ B_1 = 307;\ \ q^4,\ B_2 = 407$

12121: $3^{156} \Rightarrow 9421 \cdot 3381925092493 \cdot 9891109125337566719 \cdot P_{40},\ B_1 = 211$

12122: $P_{40}^2 \Rightarrow 19 \ldots,\ D;\ \ q^4,\ B_2 = 312$

12124: $3^{162} \Rightarrow 5227348213873 \cdot 8882811705390167 \cdot P_{49},\ B_1 = 219$

12125: $P_{49}^2 \Rightarrow n,\ B_1 = 317;\ \ q^4,\ B_2 = 390$

12127: $3^{166} \Rightarrow 58451 \cdot 88177 \cdot 1767863 \cdot 10063060897082377 \cdot p_{48},\ B_1 = 190$

12128: $p_{48}^1 \Rightarrow 5 \cdot 53201 \cdot 2498131 \cdot 272311685576836447 \cdot p_{18},\ B_1 = 284$

12129: $p_{18}^2 \Rightarrow 13 \ldots,\ D$

12130: $p_{18}^4,\ B_3 = 320$

12131: $p_{48}^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_2 = 379$

12133: $3^{172} \Rightarrow 347 \cdot 762239 \cdot 2125048865543 \cdot P_{62},\ B_1 = 246$

12134: $P_{62}^2 \Rightarrow n,\ B_1 = 369;\ \ q^4,\ B_2 = 491$

12136: $3^{178} \Rightarrow 359 \cdot 56207 \cdot 100957 \cdot 19510643 \cdot 291066066130451 \cdot 67799636443785138 11 \cdot P_{33},\ B_1 = 250$

12137: $P_{33}^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_3 = 314$

12139: $3^{180} \Rightarrow 90863 \cdot 890159 \cdot p_{76},\ B_1 = 182$

12140: $p_{76}^1 \Rightarrow 647 \cdot 9970981 \cdot P_{66},\ B_1 = 332;\ \ q^2,\ B_2 = 300$

12142: $3^{190} \Rightarrow 383 \cdot 311713 \cdot 9593931911 \cdot p_{73},\ B_1 = 199$

12143: $p_{73}^1 \Rightarrow 13 \ldots,\ D$

12144: $p_{73}^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_2 = 582$

12146: $3^{192} \Rightarrow 6563 \cdot 29723 \cdot 2346066378779 \cdot 218246094772601642186973037 \cdot P_{45},\ B_1 = 248$

12147: $P_{45}^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_2 = 358$

12149: $3^{196} \Rightarrow 9851 \cdot 741019334164502879 \cdot 114725749619944774414696 21 \cdot p_{47},\ B_1 = 234$

12150: $p_{47}^1 \Rightarrow 13 \ldots,\ D$

12151: $p_{47}^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_2 = 374$

12153: $3^{198} \Rightarrow 1360648969 \cdot 29336643013193035381122141823 3 \cdot p_{57},\ B_1 = 227$
12154: $p_{57}^1 \Rightarrow 5 \cdot 12211 \cdot 13814090508541 \cdot p_{38},\ B_1 = 339$
12155: $p_{57}^2 \Rightarrow 7 \ldots,\ D;\ \ q^4,\ B_2 = 448$
12157: $3^{210} \Rightarrow 2111 \cdot 962188370639 \cdot 54046656969013 \cdot$
$5676687374958905209 \cdot 16959494090600641827464 51 \cdot P_{29},\ B_1 = 282$
12158: $P_{29}^2 \Rightarrow 61 \cdot 67 \cdot 151 \cdot n,\ B_1 = 344;\ \ q^4,\ B_3 = 338$
12160: $3^{222} \Rightarrow 5447309720495081953144480 9 \cdot p_{81},\ B_1 = 237$
12161: $p_{81}^1 \Rightarrow 71 \cdot n,\ B_1 = 319;\ \ q^2,\ B_2 = 321$
12163: $3^{226} \Rightarrow 19907051929 \cdot c_{98},\ B_1 = 215$
12164: $19907051929^1 \Rightarrow 5 \cdot 1990705193,\ B_1 = 235$
12165: $1990705193^2 \Rightarrow 13 \ldots,\ D$
12166: $1990705193^4 \Rightarrow 11 \ldots,\ D$
12167: $1990705193^6 \Rightarrow 7 \ldots,\ D$
12168: $1990705193^{10},\ B_3 = 310$
12169: $19907051929^2 \Rightarrow 7 \ldots,\ D$
12170: $19907051929^4 \Rightarrow 131 \cdot 12841 \cdot 40144751 \cdot 250309175371 \cdot P_{16},\ B_1 = 325$
12171: $19907051929^6 \Rightarrow 113 \cdot 547 \cdot n,\ B_1 = 331;\ \ q^{10},\ B_3 = 308$
12173: $3^{228} \Rightarrow 8047106008391 \cdot 32356561399076305309 \cdot$
$2846639966305192536 61 \cdot 6345385418790360405 23 \cdot p_{36},\ B_1 = 291$
12174: $p_{36}^1 \Rightarrow 17 \cdot n,\ B_1 = 327;\ \ q^2,\ B_3 = 306$
12176: $3^{232} \Rightarrow 467 \cdot 275991726918701825 17 \cdot$
$6354979252162209284471 \cdot 38247482016765032274959 \cdot P_{45},\ B_1 = 312$
12177: $3^{238} \Rightarrow 479 \cdot 17209 \cdot c_{107},\ B_1 = 229$
12178: $17209^1 \Rightarrow 5 \cdot 1721,\ B_1 = 237$
12179: $1721^2 \Rightarrow 19 \ldots,\ D$
12180: $1721^4 \Rightarrow 11 \ldots,\ D$
12181: $1721^6 \Rightarrow 63659 \cdot p_{15},\ B_1 = 289$
12182: $p_{15}^2 \Rightarrow n,\ B_1 = 318;\ \ q^4,\ B_3 = 318$
12184: $1721^{10} \Rightarrow 2003 \cdot 5171 \cdot n,\ B_1 = 303$
12185: $1721^{12} \Rightarrow 79 \cdot n,\ B_1 = 310$
12186: $1721^{16} \Rightarrow n,\ B_1 = 334$
12187: $1721^{18} \Rightarrow n,\ B_1 = 347;\ \ q^{22},\ B_3 = 302$
12189: $17209^2 \Rightarrow 3 \cdot 307 \cdot 321571,\ B_1 = 250$
12190: $321571^2 \Rightarrow 13 \ldots,\ D$
12191: $321571^4 \Rightarrow 31 \ldots,\ D$
12192: $321571^6 \Rightarrow n,\ B_1 = 305$
12193: $321571^{10} \Rightarrow 23 \cdot n,\ B_1 = 350;\ \ q^{12},\ B_3 = 305$
12195: $17209^4 \Rightarrow 11 \ldots,\ D$
12196: $17209^6 \Rightarrow 127 \ldots,\ D$
12197: $17209^{10} \Rightarrow 89 \cdot n,\ B_1 = 310$
12198: $17209^{12} \Rightarrow n,\ B_1 = 327$
12199: $17209^{16} \Rightarrow 103 \cdot n,\ B_1 = 363;\ \ q^{18},\ B_3 = 301$
12201: $3^{240} \Rightarrow c_{115},\ B_{25} = 286\ see\ text$
12202: $3^{250} \Rightarrow 503 \cdot c_{117},\ B_1 = 241$
12203: $503^2 \Rightarrow 13 \ldots,\ D$
12204: $503^4 \Rightarrow 64141071121,\ B_1 = 257$
12205: $64141071121^1 \Rightarrow 1033 \cdot 31046017,\ B_1 = 278$
12206: $31046017^2 \Rightarrow 7 \ldots,\ D$
12207: $31046017^4 \Rightarrow 911 \cdot n,\ B_1 = 326;\ \ q^6,\ B_3 = 308$
12209: $64141071121^2 \Rightarrow 3 \cdot 73 \cdot 1153 \cdot 181759 \cdot 89640252151,\ B_1 = 307$
12210: $64141071121^4 \Rightarrow 5 \cdot n,\ B_1 = 333;\ \ q^6,\ B_3 = 311$
12212: $503^6 \Rightarrow 127037 \cdot 127744422989,\ B_1 = 273$
12213: $127744422989^1 \Rightarrow 3 \cdot 5 \cdot 4258147433,\ B_1 = 294$
12214: $4258147433^2 \Rightarrow n,\ B_1 = 313;\ \ q^4,\ B_3 = 313$

12216: $127744422989^2 \Rightarrow n,\ B_1 = 301;\ \ q^4,\ B_3 = 301$
12218: $503^{10} \Rightarrow 1316239 \cdot P_{21},\ B_1 = 317$
12219: $503^{12} \Rightarrow 859 \cdot n,\ B_1 = 303$
12220: $503^{16} \Rightarrow n,\ B_1 = 322$
12221: $503^{18} \Rightarrow 191 \cdot n,\ B_1 = 335$
12222: $503^{22} \Rightarrow n,\ B_1 = 354;\ \ q^{28},\ B_3 = 311$
12224: $3^{256} \Rightarrow 120277 \cdot c_{118},\ B_1 = 244$
12225: $120277^1 \Rightarrow 60139,\ B_1 = 254$
12226: $60139^2 \Rightarrow 7 \ldots,\ D$
12227: $60139^4 \Rightarrow 1871 \cdot 1905161 \cdot 3669666191,\ B_1 = 301$
12228: $60139^6 \Rightarrow 463 \cdot n,\ B_1 = 304$
12229: $60139^{10} \Rightarrow 67 \cdot 89 \cdot n,\ B_1 = 343;\ \ q^{12},\ B_3 = 301$
12231: $120277^2 \Rightarrow 19 \ldots,\ D$
12232: $120277^4 \Rightarrow 11 \ldots,\ D$
12233: $120277^6 \Rightarrow 127 \ldots,\ D$
12234: $120277^{10} \Rightarrow n,\ B_1 = 340;\ \ q^{12},\ B_3 = 300$
12236: $3^{262} \Rightarrow 53653 \cdot 78901 \cdot 2750510656513 \cdot 65397307474141 \cdot$
$15357290503740933 \cdot 352436749324038579121 \cdot p_{52},\ B_1 = 323$
12237: $3^{268} \Rightarrow 10223 \cdot 262007 \cdot 116075653 \cdot 76305384036997 \cdot 299470647963251 \cdot P_{83},\ B_1 = 370$
12238: $3^{270} \Rightarrow 3253 \cdot 8916443 \cdot 490543245624181 \cdot 2709600825365281117 \cdot P_{86},\ B_1 = 368$
12239: $3^{276} \Rightarrow 15801743 \cdot 478803193369 \cdot P_{113},\ B_1 = 383$
12240: $3^{280} \Rightarrow 563 \cdot 3373 \cdot 422063 \cdot 434989 \cdot 1000081249 \cdot 38012519036699 \cdot$
$124205327610431 \cdot 5436150079151842155 23 \cdot 23972122363446764957 63 \cdot p_{38},\ B_1 = 363$
12241: $3^{282} \Rightarrow 133227911 \cdot 1830824353 \cdot 306487563493 \cdot 1257602943398454563 \cdot p_{88},\ B_1 = 316$
12242: $3^{292} \Rightarrow 587 \cdot 6491161205188187 4971 \cdot p_{117},\ B_1 = 301$
12243: $3^{306} \Rightarrow 106105422429231448 69 \cdot 120935840335015355377518 1 \cdot p_{104},\ B_1 = 335$
12244: $3^{310} \Rightarrow 3733 \cdot 12460588823 \cdot n,\ B_1 = 306$
12245: $3^{312} \Rightarrow 2370037 \cdot c_{143},\ B_1 = 297$
12246: $2370037^1 \Rightarrow 11 \ldots,\ D;\ \ q^2,\ B_3 = 304$
12248: $3^{316},\ B_2 = 301$

12249: $5^{1} \Rightarrow 3, D$
12250: $5^{2} \Rightarrow 31, D$
12251: $5^{4} \Rightarrow 11\ldots,\ D$
12252: $5^{6} \Rightarrow 19531,\ B_1 = 12$
12253: $19531^{2} \Rightarrow 3\ldots,\ D$
12254: $19531^{4} \Rightarrow 5 \cdot 191 \cdot 4760281 \cdot 32009891,\ B_1 = 47$
12255: $32009891^{2} \Rightarrow 7\ldots,\ D$
12256: $32009891^{4} \Rightarrow 31\ldots,\ D$
12257: $32009891^{6} \Rightarrow 22247 \cdot P_{41},\ B_1 = 167$
12258: $P_{41}^{2} \Rightarrow p_{82},\ B_1 = 255$
12259: $p_{82}^{1} \Rightarrow 23 \cdot n,\ B_1 = 338;\ \ q^{2},\ B_3 = 330$
12261: $P_{41}^{4},\ B_2 = 325$
12262: $32009891^{10} \Rightarrow 11\ldots,\ D$
12263: $32009891^{12} \Rightarrow 13183 \cdot c_{86},\ B_1 = 216$
12264: $13183^{2} \Rightarrow 7\ldots,\ D$
12265: $13183^{4} \Rightarrow 11\ldots,\ D$
12266: $13183^{6} \Rightarrow 71 \cdot P_{23},\ B_1 = 282$
12267: $P_{23}^{2} \Rightarrow n,\ B_1 = 328;\ \ q^{4},\ B_3 = 328$
12269: $13183^{10} \Rightarrow 23^{2} \cdot 331 \cdot P_{36},\ B_1 = 329$
12270: $13183^{12} \Rightarrow 13\ldots,\ D$
12271: $13183^{16} \Rightarrow n,\ B_1 = 340$
12272: $13183^{18} \Rightarrow n,\ B_1 = 356$
12273: $13183^{22} \Rightarrow 277 \cdot n,\ B_1 = 392;\ \ q^{28},\ B_3 = 323$
12275: $32009891^{16} \Rightarrow 103 \cdot 137 \cdot 45402853 \cdot 3051105432115583 \cdot 1070873017326939787 \cdot P_{75},\ B_1 = 391$
12276: $32009891^{18} \Rightarrow 229 \cdot n,\ B_1 = 305;\ \ q^{22},\ B_2 = 330$
12278: $19531^{6} \Rightarrow 7\ldots,\ D$
12279: $19531^{10} \Rightarrow 23^{2} \cdot 4159 \cdot 31567260539 \cdot p_{27},\ B_1 = 104$
12280: $p_{27}^{1} \Rightarrow 31\ldots,\ D$
12281: $p_{27}^{2} \Rightarrow 3\ldots,\ D$
12282: $p_{27}^{4} \Rightarrow 41 \cdot 48311 \cdot 56431 \cdot c_{94},\ B_1 = 296$
12283: $56431^{2} \Rightarrow 7\ldots,\ D$
12284: $56431^{4},\ B_3 = 305$
12285: $p_{27}^{6},\ B_2 = 312$
12286: $19531^{12} \Rightarrow 79 \cdot 573779077 \cdot 12859742299 \cdot 9743710678547 \cdot P_{18},\ B_1 = 149$
12287: $P_{18}^{2} \Rightarrow 181 \cdot 193 \cdot p_{31},\ B_1 = 198$
12288: $p_{31}^{1} \Rightarrow 5 \cdot 21121 \cdot 393299 \cdot 4513621331 \cdot 22468639757,\ B_1 = 258$
12289: $22468639757^{2} \Rightarrow 7\ldots,\ D$
12290: $22468639757^{4} \Rightarrow 11\ldots,\ D$
12291: $22468639757^{6} \Rightarrow 827 \cdot n,\ B_1 = 364;\ \ q^{10},\ B_3 = 341$
12293: $p_{31}^{2} \Rightarrow 7\ldots,\ D$
12294: $p_{31}^{4} \Rightarrow 11\ldots,\ D;\ \ q^{6},\ B_2 = 371$
12296: $P_{18}^{4} \Rightarrow 11\ldots,\ D$
12297: $P_{18}^{6} \Rightarrow n,\ B_1 = 327;\ \ q^{10},\ B_2 = 354$
12299: $19531^{16} \Rightarrow 103 \cdot P_{67},\ B_1 = 210$
12300: $P_{67}^{2} \Rightarrow 7\ldots,\ D;\ \ q^{4},\ B_2 = 533$
12302: $19531^{18} \Rightarrow 68059 \cdot 495278418470579 \cdot 882216833181701 \cdot p_{43},\ B_1 = 193$
12303: $p_{43}^{1} \Rightarrow 7\ldots,\ D$
12304: $p_{43}^{2} \Rightarrow 3\ldots,\ D;\ \ q^{4},\ B_2 = 342$
12306: $19531^{22} \Rightarrow 59256204507977681 \cdot 30353020310196830085460211 09 \cdot p_{51},\ B_1 = 237$
12307: $p_{51}^{1} \Rightarrow 13\ldots,\ D$
12308: $p_{51}^{2} \Rightarrow 7\ldots,\ D;\ \ q^{4},\ B_2 = 401$
12310: $19531^{28} \Rightarrow 6438764963 \cdot 19452698081689 \cdot P_{98},\ B_1 = 351$
12311: $19531^{30} \Rightarrow 31\ldots,\ D;\ \ q^{36},\ B_2 = 308$
12313: $5^{10} \Rightarrow 12207031,\ B_1 = 21$

12314: $12207031^2 \Rightarrow 7\ldots,\ D$
12315: $12207031^4 \Rightarrow 5\cdot131\cdot P_{26},\ B_1 = 89$
12316: $P_{26}^2 \Rightarrow 163\cdot20324089\cdot P_{42},\ B_1 = 185$
12317: $P_{42}^2 \Rightarrow 19\ldots,\ D;\ \ q^4,\ B_2 = 332$
12319: $P_{26}^4 \Rightarrow 5\cdot181479534491\cdot2102184759694012771\cdot c_{72},\ B_1 = 271$
12320: $P_{19}^2 \Rightarrow 3\ldots,\ D;\ \ q^4,\ B_3 = 308$
12322: $P_{26}^6,\ B_2 = 306$
12323: $12207031^6 \Rightarrow 37871\cdot P_{38},\ B_1 = 134$
12324: $P_{38}^2 \Rightarrow 13\ldots,\ D;\ \ q^4,\ B_2 = 303$
12326: $12207031^{10} \Rightarrow 11\ldots,\ D$
12327: $12207031^{12} \Rightarrow 652237\cdot105007244872456434743\cdot$
$2377399433518180031613367039 1\cdot p_{31},\ B_1 = 231$
12328: $p_{31}^1 \Rightarrow 87359\cdot3407245229\cdot p_{17},\ B_1 = 292$
12329: $p_{17}^2 \Rightarrow 3\ldots,\ D;\ \ q^4,\ B_3 = 324$
12331: $p_{31}^2 \Rightarrow 7\ldots,\ D$
12332: $p_{31}^4,\ B_3 = 317$
12333: $12207031^{16} \Rightarrow 211449571\cdot41945589949\cdot P_{95},\ B_1 = 336$
12334: $12207031^{18} \Rightarrow 191\cdot3307\cdot1980637\cdot1263637389734787921 89\cdot p_{96},\ B_1 = 294$
12335: $p_{96}^1 \Rightarrow 5\cdot89\cdot601\cdot n,\ B_1 = 393;\ \ q^2,\ B_2 = 381$
12337: $12207031^{22},\ B_2 = 311$
12338: $5^{12} \Rightarrow 305175781,\ B_1 = 16$
12339: $305175781^1 \Rightarrow 3499\cdot43609,\ B_1 = 33$
12340: $43609^2 \Rightarrow 3\ldots,\ D$
12341: $43609^4 \Rightarrow 11\ldots,\ D$
12342: $43609^6 \Rightarrow 17137\cdot67241197577\cdot P_{13},\ B_1 = 107$
12343: $P_{13}^2 \Rightarrow 691\cdot4243\cdot237373\cdot p_{14},\ B_1 = 158$
12344: $p_{14}^2 \Rightarrow 3\ldots,\ D$
12345: $p_{14}^4 \Rightarrow 11\ldots,\ D$
12346: $p_{14}^6 \Rightarrow 4930927\cdot n,\ B_1 = 302$
12347: $p_{14}^{10} \Rightarrow 23^2\cdot n,\ B_1 = 405;\ \ q^{12},\ B_2 = 329$
12349: $P_{13}^4 \Rightarrow 11\ldots,\ D$
12350: $P_{13}^6 \Rightarrow 7\ldots,\ D$
12351: $P_{13}^{10} \Rightarrow 23\cdot89\cdot n,\ B_1 = 340;\ \ q^{12},\ B_2 = 306$
12353: $43609^{10} \Rightarrow 67\cdot p_{45},\ B_1 = 163$
12354: $p_{45}^2 \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_2 = 356$
12356: $43609^{12} \Rightarrow p_{56},\ B_1 = 190$
12357: $p_{56}^2 \Rightarrow 3\ldots,\ D;\ \ q^4,\ B_2 = 445$
12359: $43609^{16} \Rightarrow 919\cdot61099\cdot6445931373853\cdot p_{54},\ B_1 = 246$
12360: $p_{54}^2 \Rightarrow 31\ldots,\ D;\ \ q^4,\ B_2 = 429$
12362: $43609^{18} \Rightarrow 761\cdot18127\cdot1812946026557\cdot2414171123460499121 3\cdot p_{45},\ B_1 = 274$
12363: $p_{45}^2 \Rightarrow n,\ B_1 = 363;\ \ q^4,\ B_3 = 363$
12365: $43609^{22} \Rightarrow 23\cdot19959263\cdot52672861287493\cdot15190200313155668 21\cdot P_{62},\ B_1 = 330$
12366: $43609^{28} \Rightarrow 233\cdot57683935961\cdot39058627282972026449 99\cdot P_{96},\ B_1 = 413$
12367: $43609^{30} \Rightarrow n,\ B_1 = 302;\ \ q^{36},\ B_2 = 334$
12369: $305175781^2 \Rightarrow 3\ldots,\ D$
12370: $305175781^4 \Rightarrow 11\ldots,\ D$
12371: $305175781^6 \Rightarrow 7\ldots,\ D$
12372: $305175781^{10} \Rightarrow 89\cdot1131442837613771\cdot p_{68},\ B_1 = 195$
12373: $p_{68}^1 \Rightarrow 3\ldots,\ D$
12374: $p_{68}^2 \Rightarrow n,\ B_1 = 396;\ \ q^4,\ B_2 = 542$
12376: $305175781^{12} \Rightarrow 13\ldots,\ D$
12377: $305175781^{16} \Rightarrow 443\cdot3911\cdot204511\cdot307633\cdot11673312666179581\cdot c_{103},\ B_1 = 296$
12378: $p_{17}^1 \Rightarrow 11\ldots,\ D;\ \ q^2,\ B_3 = 307$
12380: $305175781^{18},\ B_2 = 305$

12381: $5^{16} \Rightarrow 409 \cdot 466344409,\ B_1 = 25$
12382: $466344409^{1} \Rightarrow 7 \ldots,\ D$
12383: $466344409^{2} \Rightarrow 19 \ldots,\ D$
12384: $466344409^{4} \Rightarrow 11 \ldots,\ D$
12385: $466344409^{6} \Rightarrow 29 \cdot 43 \cdot 281 \cdot p_{47},\ B_1 = 125$
12386: $p_{47}^{1} \Rightarrow 79 \cdot 469823 \cdot 4069279 \cdot 9143240020375133 \cdot P_{17},\ B_1 = 218$
12387: $P_{17}^{2} \Rightarrow 7 \ldots,\ D$
12388: $P_{17}^{4} \Rightarrow n,\ B_1 = 314$
12389: $P_{17}^{6} \Rightarrow 71 \cdot 631 \cdot n,\ B_1 = 383;\ q^{10},\ B_3 = 346$
12391: $p_{47}^{2} \Rightarrow 3 \ldots,\ D;\ q^{4},\ B_2 = 371$
12393: $466344409^{10} \Rightarrow 751447643 \cdot 2712963793 \cdot 2742909003061789 \cdot p_{53},\ B_1 = 223$
12394: $p_{53}^{1} \Rightarrow 313 \cdot 419 \cdot p_{48},\ B_1 = 328$
12395: $p_{53}^{2} \Rightarrow 7 \ldots,\ D$
12396: $p_{53}^{4},\ B_2 = 423$
12397: $466344409^{12} \Rightarrow 79 \cdot 13184595687563 \cdot p_{90},\ B_1 = 239$
12398: $p_{90}^{1} \Rightarrow 3 \ldots,\ D;\ q^{2},\ B_2 = 356$
12400: $466344409^{16} \Rightarrow 17 \cdot 103 \cdot c_{136},\ B_1 = 294$
12401: $103^{2} \Rightarrow 3 \ldots,\ D$
12402: $103^{4} \Rightarrow 11 \ldots,\ D;\ q^{6},\ B_3 = 302$
12404: $466344409^{18},\ B_2 = 312$
12405: $5^{18} \Rightarrow 191 \cdot 6271 \cdot 3981071,\ B_1 = 37$
12406: $3981071^{2} \Rightarrow 13 \ldots,\ D$
12407: $3981071^{4} \Rightarrow 5 \cdot 9341 \cdot p_{22},\ B_1 = 80$
12408: $p_{22}^{1} \Rightarrow 127 \ldots,\ D$
12409: $p_{22}^{2} \Rightarrow 7 \ldots,\ D$
12410: $p_{22}^{4} \Rightarrow 5 \cdot 971 \cdot 1854787301 \cdot 2754211856015172661 \cdot 968230255206462065621131 1 \cdot p_{31},\ B_1 = 287$
12411: $p_{31}^{1} \Rightarrow 3 \ldots,\ D;\ q^{2},\ B_3 = 300$
12413: $p_{22}^{6} \Rightarrow n,\ B_1 = 315;\ q^{10},\ B_2 = 434$
12415: $3981071^{6} \Rightarrow 127 \ldots,\ D$
12416: $3981071^{10} \Rightarrow 419 \cdot 486952646035843483 \cdot p_{46},\ B_1 = 177$
12417: $p_{46}^{1} \Rightarrow 3 \ldots,\ D$
12418: $p_{46}^{2} \Rightarrow 7 \ldots,\ D;\ q^{4},\ B_2 = 365$
12420: $3981071^{12} \Rightarrow 131 \cdot 145321879 \cdot 14027958532611637991 27 \cdot P_{48},\ B_1 = 262$
12421: $P_{48}^{2} \Rightarrow 7 \ldots,\ D$
12422: $P_{48}^{4},\ B_2 = 382$
12423: $3981071^{16} \Rightarrow 1123 \cdot 1259 \cdot 912391 \cdot 6645664141 \cdot 125611145131 \cdot 1292838332508661 \cdot p_{58},\ B_1 = 284$
12424: $p_{58}^{1} \Rightarrow 3 \ldots,\ D;\ q^{2},\ B_3 = 326$
12426: $3981071^{18} \Rightarrow 19 \ldots,\ D$
12427: $3981071^{22} \Rightarrow 23 \cdot 277 \cdot n,\ B_1 = 316;\ q^{28},\ B_2 = 369$
12429: $5^{22} \Rightarrow 8971 \cdot 332207361361,\ B_1 = 34$
12430: $332207361361^{1} \Rightarrow 271 \cdot 612928711,\ B_1 = 57$
12431: $612928711^{2} \Rightarrow 3 \ldots,\ D$
12432: $612928711^{4} \Rightarrow 5 \cdot 296741 \cdot p_{29},\ B_1 = 143$
12433: $p_{29}^{2} \Rightarrow 193 \cdot 20517157 \cdot P_{49},\ B_1 = 259$
12434: $P_{49}^{2} \Rightarrow 7 \ldots,\ D$
12435: $P_{49}^{4},\ B_2 = 386$
12436: $p_{29}^{4} \Rightarrow 11 \ldots,\ D;\ q^{6},\ B_2 = 347$
12438: $612928711^{6} \Rightarrow 29 \cdot 83777 \cdot 86689 \cdot p_{42},\ B_1 = 197$
12439: $p_{42}^{2} \Rightarrow 3 \ldots,\ D;\ q^{4},\ B_2 = 331$
12441: $612928711^{10} \Rightarrow 23 \cdot 1012397 \cdot P_{81},\ B_1 = 303$
12442: $612928711^{12} \Rightarrow 79 \cdot 276069119 \cdot 158495717400541 \cdot$
$14053889461858203673 \cdot 102776305751808969432 89 \cdot p_{40},\ B_1 = 356$
12443: $612928711^{16} \Rightarrow 17 \cdot n,\ B_1 = 322;\ q^{18},\ B_2 = 316$
12445: $332207361361^{2} \Rightarrow 19 \ldots,\ D$

12446: $332207361361^4 \Rightarrow 31\ldots,\ D$
12447: $332207361361^6 \Rightarrow 7\ldots,\ D$
12448: $332207361361^{10} \Rightarrow 8713\cdot 5274951023\cdot 2254789917297327037\cdot c_{84},\ B_1 = 267$
12449: $p_{19}^1 \Rightarrow 250088941\cdot 4507976059,\ B_1 = 303$
12450: $p_{19}^2 \Rightarrow 3\ldots,\ D;\ q^4,\ B_3 = 318$
12452: $332207361361^{12} \Rightarrow 357516255917731\cdot n,\ B_1 = 314;\ q^{16},\ B_2 = 368$
12454: $5^{28} \Rightarrow 59\cdot 35671\cdot p_{14},\ B_1 = 45$
12455: $p_{14}^1 \Rightarrow 3\ldots,\ D$
12456: $p_{14}^2 \Rightarrow 31\ldots,\ D$
12457: $p_{14}^4 \Rightarrow 428927270253065646276383171\cdot P_{27},\ B_1 = 192$
12458: $P_{27}^2 \Rightarrow 106255814383\cdot P_{43},\ B_1 = 299$
12459: $P_{43}^2 \Rightarrow 3\ldots,\ D;\ q^4,\ B_3 = 384$
12461: $P_{27}^4 \Rightarrow 11\ldots,\ D;\ q^6,\ B_2 = 320$
12463: $p_{14}^6 \Rightarrow 7\ldots,\ D$
12464: $p_{14}^{10} \Rightarrow 344700973\cdot P_{125},\ B_1 = 424;\ q^{12},\ B_2 = 320$
12466: $5^{30} \Rightarrow 1861\cdot P_{18},\ B_1 = 59$
12467: $P_{18}^2 \Rightarrow 13\ldots,\ D$
12468: $P_{18}^4 \Rightarrow 5\cdot 23851865321\cdot 3067995128217231152633563 1\cdot P_{35},\ B_1 = 229$
12469: $P_{35}^2 \Rightarrow 19\ldots,\ D$
12470: $P_{35}^4 \Rightarrow 5\cdot n,\ B_1 = 436;\ q^6,\ B_2 = 415$
12472: $P_{18}^6 \Rightarrow 127\ldots,\ D;\ q^{10},\ B_2 = 355$
12474: $5^{36} \Rightarrow 149\cdot 13971969971\cdot P_{13},\ B_1 = 73$
12475: $P_{13}^2 \Rightarrow 7\ldots,\ D$
12476: $P_{13}^4 \Rightarrow 11\ldots,\ D$
12477: $P_{13}^6 \Rightarrow 43\cdot 379\cdot 9829\cdot 12769849\cdot 101139977\cdot p_{55},\ B_1 = 228$
12478: $p_{55}^1 \Rightarrow 3\ldots,\ D$
12479: $p_{55}^2 \Rightarrow 13\ldots,\ D;\ q^4,\ B_2 = 434$
12481: $P_{13}^{10} \Rightarrow n,\ B_1 = 306;\ q^{12},\ B_2 = 310$
12483: $5^{40} \Rightarrow 2238236249\cdot p_{19},\ B_1 = 65$
12484: $p_{19}^1 \Rightarrow 3\ldots,\ D$
12485: $p_{19}^2 \Rightarrow 739\cdot 3301\cdot 9649\cdot 265837681\cdot p_{19},\ B_1 = 140$
12486: $p_{19}^1 \Rightarrow 211949\cdot P_{13},\ B_1 = 176$
12487: $P_{13}^2 \Rightarrow 73\cdot 4486665151\cdot P_{15},\ B_1 = 228$
12488: $P_{15}^2 \Rightarrow 31\ldots,\ D$
12489: $P_{15}^4 \Rightarrow 41\cdot 181\cdot n,\ B_1 = 319$
12490: $P_{15}^6 \Rightarrow 29\cdot 43\cdot 71\cdot n,\ B_1 = 378;\ q^{10},\ B_3 = 344$
12492: $P_{13}^4 \Rightarrow 35713421\cdot 2528978086401167045 51\cdot P_{24},\ B_1 = 306$
12493: $P_{13}^6 \Rightarrow n,\ B_1 = 306$
12494: $P_{13}^{10} \Rightarrow 11\ldots,\ D;\ q^{12},\ B_2 = 311$
12496: $p_{19}^2 \Rightarrow 3\ldots,\ D$
12497: $p_{19}^4 \Rightarrow 5\cdot p_{74},\ B_1 = 269$
12498: $p_{74}^1 \Rightarrow 197\cdot n,\ B_1 = 345;\ q^2,\ B_3 = 334$
12500: $p_{19}^6 \Rightarrow 7\ldots,\ D;\ q^{10},\ B_2 = 372$
12502: $p_{19}^4 \Rightarrow 22501\cdot 613181\cdot 91348308373870781\cdot p_{48},\ B_1 = 223$
12503: $p_{48}^1 \Rightarrow 13\ldots,\ D$
12504: $p_{48}^2 \Rightarrow 3\ldots,\ D;\ q^4,\ B_2 = 381$
12506: $p_{19}^6 \Rightarrow 7\ldots,\ D;\ q^{10},\ B_2 = 374$
12508: $5^{42} \Rightarrow 1644512641\cdot P_{21},\ B_1 = 79$
12509: $P_{21}^2 \Rightarrow 7\ldots,\ D$
12510: $P_{21}^4 \Rightarrow 5\cdot 440223461\cdot 81006718925422691\cdot P_{55},\ B_1 = 280$
12511: $P_{55}^2 \Rightarrow 13\ldots,\ D;\ q^4,\ B_2 = 437$
12513: $P_{21}^6 \Rightarrow 113\cdot c_{120},\ B_1 = 283$
12514: $113^1 \Rightarrow 19\ldots,\ D$
12515: $113^2 \Rightarrow 13\ldots,\ D$

12516: $113^4 \Rightarrow 11\ldots,\ D$
12517: $113^6 \Rightarrow 7\ldots,\ D$
12518: $113^{10} \Rightarrow 617\cdot n,\ B_1 = 323;\ \ q^{12},\ B_3 = 304$
12520: $P_{21}^{10},\ B_2 = 404$
12521: $5^{46} \Rightarrow P_{33},\ B_1 = 96$
12522: $P_{33}^2 \Rightarrow 127\ldots,\ D$
12523: $P_{33}^4 \Rightarrow 5\cdot 431\cdot c_{126},\ B_1 = 291$
12524: $431^2 \Rightarrow 7\ldots,\ D$
12525: $431^4 \Rightarrow 5\cdot 71\cdot 191\cdot n,\ B_1 = 310;\ \ q^6,\ B_3 = 301$
12527: $P_{33}^6,\ B_2 = 386$
12528: $5^{52} \Rightarrow 5960555749\cdot 17154094481\cdot p_{17},\ B_1 = 92$
12529: $p_{17}^1 \Rightarrow 11\ldots,\ D$
12530: $p_{17}^2 \Rightarrow 19\ldots,\ D$
12531: $p_{17}^4 \Rightarrow 31\ldots,\ D$
12532: $p_{17}^6 \Rightarrow 29\cdot 631\cdot 138209\cdot p_{90},\ B_1 = 282$
12533: $p_{90}^1 \Rightarrow 509\cdot n,\ B_1 = 374;\ \ q^2,\ B_3 = 361$
12535: $p_{17}^{10},\ B_2 = 328$
12536: $5^{58} \Rightarrow 21180247636732981\cdot P_{25},\ B_1 = 105$
12537: $P_{25}^2 \Rightarrow 31\ldots,\ D$
12538: $P_{25}^4 \Rightarrow 5\cdot 251\cdot 1451\cdot 9151\cdot c_{88},\ B_1 = 260$
12539: $9151^2 \Rightarrow 7\ldots,\ D$
12540: $9151^4 \Rightarrow 5\cdot 969851\cdot 1446260951,\ B_1 = 298$
12541: $1446260951^2 \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_3 = 316$
12543: $9151^6 \Rightarrow 29\cdot 43\cdot 337\cdot n,\ B_1 = 305$
12544: $9151^{10} \Rightarrow n,\ B_1 = 331$
12545: $9151^{12} \Rightarrow 131\cdot n,\ B_1 = 349;\ \ q^{16},\ B_3 = 315$
12547: $P_{25}^6 \Rightarrow 43\cdot 659\cdot n,\ B_1 = 353;\ \ q^{10},\ B_2 = 486$
12549: $5^{60} \Rightarrow 8419\cdot 918585913061\cdot P_{27},\ B_1 = 114$
12550: $P_{27}^2 \Rightarrow 19\ldots,\ D$
12551: $P_{27}^4 \Rightarrow 432499589581\cdot c_{93},\ B_1 = 282$
12552: $432499589581^1 \Rightarrow 216249794791,\ B_1 = 305$
12553: $432499589581^2 \Rightarrow 3\ldots,\ D;\ \ q^4,\ B_3 = 305$
12555: $P_{27}^6,\ B_2 = 313$
12556: $5^{66} \Rightarrow 269\cdot 1609\cdot 26399\cdot 2454335007529\cdot p_{24},\ B_1 = 114$
12557: $p_{24}^1 \Rightarrow 7\ldots,\ D$
12558: $p_{24}^2 \Rightarrow 3\ldots,\ D$
12559: $p_{24}^4 \Rightarrow 11\ldots,\ D$
12560: $p_{24}^6 \Rightarrow 29\cdot n,\ B_1 = 365;\ \ q^{10},\ B_2 = 475$
12562: $5^{70} \Rightarrow 569\cdot P_{47},\ B_1 = 144$
12563: $P_{47}^2 \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_2 = 370$
12565: $5^{72} \Rightarrow 4853479\cdot 5729041\cdot P_{37},\ B_1 = 144$
12566: $P_{37}^2 \Rightarrow 19\ldots,\ D$
12567: $P_{37}^4 \Rightarrow 31\ldots,\ D;\ \ q^6,\ B_2 = 443$
12569: $5^{78} \Rightarrow 205367807127911\cdot 58523123221688392679\cdot P_{21},\ B_1 = 163$
12570: $P_{21}^2 \Rightarrow 3\ldots,\ D$
12571: $P_{21}^4 \Rightarrow 11\ldots,\ D$
12572: $P_{21}^6 \Rightarrow 967\cdot n,\ B_1 = 372;\ \ q^{10},\ B_2 = 410$
12574: $5^{82} \Rightarrow 20515111\cdot 14311857067018689623837 41\cdot p_{26},\ B_1 = 146$
12575: $p_{26}^1 \Rightarrow P_{26},\ B_1 = 197$
12576: $P_{26}^2 \Rightarrow 127\ldots,\ D$
12577: $P_{26}^4 \Rightarrow 11\ldots,\ D;\ \ q^6,\ B_2 = 307$
12579: $p_{26}^2 \Rightarrow 3\ldots,\ D$
12580: $p_{26}^4 \Rightarrow 11\ldots,\ D;\ \ q^6,\ B_2 = 311$
12582: $5^{88} \Rightarrow 179\cdot 9807089\cdot 14597959\cdot 834019001\cdot 8157179360521\cdot p_{24},\ B_1 = 161$

12583: $p_{24}^1 \Rightarrow 3\ldots,\ D$

12584: $p_{24}^2 \Rightarrow 19\ldots,\ D$

12585: $p_{24}^4 \Rightarrow n,\ B_1 = 311$

12586: $p_{24}^6 \Rightarrow n,\ B_1 = 405;\ \ q^{10},\ B_2 = 467$

12588: $5^{96} \Rightarrow 389\cdot 264811\cdot P_{60},\ B_1 = 198$

12589: $P_{60}^2 \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_2 = 473$

12591: $5^{100} \Rightarrow 5937018283241\cdot 3434487311396589821473854121\cdot p_{30},\ B_1 = 180$

12592: $p_{30}^1 \Rightarrow 3\ldots,\ D$

12593: $p_{30}^2 \Rightarrow 37\cdot 2333282713\cdot 66468737677126710246 73\cdot P_{27},\ B_1 = 301$

12594: $p_{30}^4 \Rightarrow 11\ldots,\ D;\ \ q^6,\ B_2 = 356$

12596: $5^{102} \Rightarrow 3709\cdot 28429\cdot 591178977131987383716039848 09\cdot P_{35},\ B_1 = 185$

12597: $P_{35}^2 \Rightarrow 13\ldots,\ D$

12598: $P_{35}^4 \Rightarrow 31\ldots,\ D;\ \ q^6,\ B_2 = 415$

12600: $5^{106} \Rightarrow 6421\cdot 5486016363791\cdot 35411885288978941\cdot 172163150940018661\cdot p_{24},\ B_1 = 198$

12601: $p_{24}^1 \Rightarrow 19\ldots,\ D$

12602: $p_{24}^2 \Rightarrow 7\ldots,\ D$

12603: $p_{24}^4 \Rightarrow 11\ldots,\ D;\ \ q^6,\ B_3 = 300$

12605: $5^{108} \Rightarrow 1091\cdot 1007161\cdot 1528399\cdot p_{61},\ B_1 = 166$

12606: $p_{61}^1 \Rightarrow 3\ldots,\ D$

12607: $p_{61}^2 \Rightarrow 7\ldots,\ D;\ \ q^4,\ B_2 = 482$

12609: $5^{112} \Rightarrow 2939\cdot 6329\cdot 129499\cdot 308491\cdot 304247586761\cdot$
$2084303944451\cdot 620216264269531\cdot P_{22},\ B_1 = 223$

12610: $P_{22}^2 \Rightarrow 7\ldots,\ D$

12611: $P_{22}^4 \Rightarrow 461\cdot n,\ B_1 = 357;\ \ q^6,\ B_3 = 311$

12613: $5^{126} \Rightarrow P_{89},\ B_1 = 264$

12614: $P_{89}^2,\ B_2 = 352$

12615: $5^{130} \Rightarrow 2621\cdot 23928199\cdot 34720241\cdot 16815642611861\cdot p_{60},\ B_1 = 213$

12616: $p_{60}^1 \Rightarrow 3\ldots,\ D$

12617: $p_{60}^2 \Rightarrow 31\ldots,\ D;\ \ q^4,\ B_2 = 475$

12619: $5^{136} \Rightarrow 20551\cdot 603349\cdot 48102071\cdot 1217196314785066 69\cdot 78510273077226247631 51\cdot P_{39},\ B_1 = 268$

12620: $P_{39}^2 \Rightarrow 7\ldots,\ D$

12621: $P_{39}^4,\ B_3 = 345$

12622: $5^{138} \Rightarrow 21521602057721\cdot 67894415460247697414626011 11\cdot p_{56},\ B_1 = 234$

12623: $p_{56}^1 \Rightarrow 19\ldots,\ D$

12624: $p_{56}^2 \Rightarrow 7\ldots,\ D$

12625: $p_{56}^4,\ B_2 = 443$

12626: $5^{148} \Rightarrow p_{104},\ B_1 = 206$

12627: $p_{104}^1 \Rightarrow 17\cdot n,\ B_1 = 311;\ \ q^2,\ B_2 = 414$

12629: $5^{150} \Rightarrow 1175989\cdot 2237519\cdot 389439261961\cdot 12799319666401\cdot$
$2843809592323334251225153490677489\cdot p_{35},\ B_1 = 280$

12630: $p_{35}^1 \Rightarrow 7\ldots,\ D$

12631: $p_{35}^2 \Rightarrow n,\ B_1 = 350;\ \ q^4,\ B_3 = 350$

12633: $5^{156} \Rightarrow 32029\cdot 5129819\cdot 2107089779\cdot 86163144521004941539013717257 20169\cdot p_{55},\ B_1 = 272$

12634: $p_{55}^1 \Rightarrow 727\cdot n,\ B_1 = 329$

12635: $p_{55}^2 \Rightarrow 7\ldots,\ D$

12636: $p_{55}^4,\ B_2 = 437$

12637: $5^{162} \Rightarrow 4599209\cdot 40100609\cdot 675775181\cdot$
$6582151087844246659\cdot 10255639958382857444701113345 5059\cdot P_{40},\ B_1 = 331$

12638: $5^{166} \Rightarrow 18371\cdot 53441\cdot p_{108},\ B_1 = 241$

12639: $p_{108}^1 \Rightarrow 257\cdot n,\ B_1 = 350;\ \ q^2,\ B_2 = 428$

12641: $5^{172} \Rightarrow 1039\cdot 3461\cdot 1708272343265311\cdot p_{99},\ B_1 = 262$

12642: $p_{99}^1 \Rightarrow 7\ldots,\ D$

12643: $p_{99}^2,\ B_2 = 394$

12644: $5^{178} \Rightarrow 359\cdot 3581\cdot 75539\cdot 17315029\cdot 1008940733623872429651 29\cdot P_{84},\ B_1 = 350$

12645: $5^{180} \Rightarrow p_{126},\ B_1 = 251$
12646: $p_{126}^{1} \Rightarrow 17 \cdot 23 \cdot 47 \cdot 139 \cdot 263 \cdot n,\ B_1 = 386;\ q^2,\ B_2 = 503$
12648: $5^{190} \Rightarrow 112691 \cdot 60426671 \cdot P_{121},\ B_1 = 398$
12649: $5^{192} \Rightarrow 749154725101 \cdot 406875383561091922623241829 \cdot p_{96},\ B_1 = 306$
12650: $5^{196} \Rightarrow 470323176131 \cdot 362204827770839 \cdot p_{111},\ B_1 = 300$
12651: $5^{198} \Rightarrow 53731 \cdot p_{134},\ B_1 = 281$
12652: $p_{134}^{1} \Rightarrow 19 \ldots,\ D;\ q^2,\ B_2 = 535$
12654: $5^{210} \Rightarrow 5594292675731 \cdot n,\ B_1 = 306;\ q^{222},\ B_2 = 310$