

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 $p^k \parallel N$ implies $s|N$.

B_1 is integer part of \log_{10} (lower bound on N) if $p^k \parallel N$, 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.

- 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: $6073^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
- 7: $6073^4 \Rightarrow 61 \cdot 1909811 \cdot 11677891, B_1 = 90$
- 8: $11677891^2 \Rightarrow 3 \cdot 31 \cdot 73 \cdot 97 \dots, S \ 3^4 \cdot 5^2 \cdot 31^2 \cdot 61^2 \cdot 73^2 \cdot 97^2 \cdot 101^2$
- 9: $11677891^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^4 \cdot 5^2 \cdot 11^2$
- 10: $11677891^6 \Rightarrow 7 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
- 11: $11677891^{10} \Rightarrow 23 \dots, S \ 3^4 \cdot 5^2 \cdot 23^2 \cdot 31^2$
- 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: $P_{30}^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 5^2 \cdot 11^2$
- 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: $P_{17}^6 \Rightarrow 7 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
- 27: $P_{17}^{10}, B_2 = 338$
- 28: $6073^{10} \Rightarrow 11 \dots, S \ 3^4 \cdot 5^2 \cdot 11^2$
- 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: $p_{14}^2 \Rightarrow 3 \cdot 13^2 \dots, S \ 3^4 \cdot 5^2 \cdot 13^2$
- 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: $p_{22}^6 \Rightarrow 43 \dots, S \ 3^4 \cdot 5^2 \cdot 31^2 \cdot 43^2 \cdot 101^2 \cdot 127^2 \cdot 313^2$
- 36: $p_{22}^{10}, B_2 = 433$
- 37: $6073^{16} \Rightarrow 1711153 \cdot 80408084080272840349 \cdot p_{35}, B_1 = 227$
- 38: $p_{35}^2 \Rightarrow 13 \dots, S \ 3^4 \cdot 5^2 \cdot 13^2$
- 39: $p_{35}^4 \Rightarrow 31 \cdot n, B_1 = 432; q^6, B_2 = 412$
- 41: $6073^{18} \Rightarrow 4418900065929682250746040969 \cdot P_{41}, B_1 = 249$
- 42: $P_{41}^2 \Rightarrow n, B_1 = 330; q^4, B_3 = 330$
- 44: $6073^{22} \Rightarrow 23 \dots, S \ 3^4 \cdot 5^2 \cdot 23^2 \cdot 31^2$
- 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: $P_{19}^4 \Rightarrow 5 \cdot 11^2 \dots, S \ 3^4 \cdot 5^2 \cdot 11^2$
- 63: $P_{19}^6 \Rightarrow 7 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$

- 64: $P_{19}^{10}, B_3 = 364$
65: $P_{13}^4 \Rightarrow 5 \cdot 71 \cdot 251 \cdot p_{47}, B_1 = 296$
66: $p_{47}^2 \Rightarrow 3 \cdot 61 \dots, S \ 3^4 \cdot 5^2 \cdot 31^2 \cdot 61^2 \cdot 71^2 \cdot 101^2 \cdot 127^2$
67: $p_{47}^4, B_3 = 388$
68: $P_{13}^6 \Rightarrow 13065473 \cdot p_{70}, B_1 = 374$
69: $P_{13}^{10} \Rightarrow 23 \dots, S \ 3^4 \cdot 5^2 \cdot 23^2 \cdot 31^2$
70: $P_{13}^{12}, B_2 = 305$
71: $480831112093^4 \Rightarrow 31 \cdot 613661 \cdot P_{40}, B_1 = 237$
72: $P_{40}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
73: $P_{40}^4, B_3 = 316$
74: $480831112093^6 \Rightarrow 23940085664208799 \cdot p_{54}, B_1 = 310$
75: $480831112093^{10} \Rightarrow 23 \cdot 89 \dots, S \ 3^2 \cdot 5^2 \cdot 23^2 \cdot 31^2 \cdot 89^2 \cdot 101^2 \cdot 127^2 \cdot 313^2 \cdot 457^2$
76: $480831112093^{12} \Rightarrow 53 \cdot n, B_1 = 382; q^{16}, B_2 = 373$
78: $372649725281^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$
79: $372649725281^6 \Rightarrow 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
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: $P_{13}^2 \Rightarrow 3 \dots, S \ 3^4 \cdot 5^2 \cdot 19^2 \cdot 31^2$
86: $P_{13}^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 19^2$
87: $P_{13}^6 \Rightarrow 113 \dots, S \ 3^2 \cdot 5^2 \cdot 19^2 \cdot 31^2 \cdot 101^2 \cdot 113^2 \cdot 127^2$
88: $P_{13}^{10} \Rightarrow 23 \dots, S \ 3^2 \cdot 5^2 \cdot 19^2 \cdot 23^2 \cdot 31^2$
89: $P_{13}^{12}, B_2 = 308$
90: $P_{13}^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$
91: $P_{13}^6 \Rightarrow 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
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: $p_{39}^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^4 \cdot 5^2 \cdot 13^2$
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: $10303^{16} \Rightarrow 17 \dots, S \ 3^2 \cdot 5^2 \cdot 17^2 \cdot 31^2 \cdot 101^2 \cdot 127^2$
104: $10303^{18} \Rightarrow 191 \cdot 761 \cdot 539981372568419333675989 \cdot P_{44}, B_1 = 245$
105: $P_{44}^2 \Rightarrow 3 \cdot 43 \cdot 103 \dots, S \ 3^4 \cdot 5^2 \cdot 31^2 \cdot 43^2 \cdot 101^2 \cdot 103^2 \cdot 127^2$
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: $233^2 \Rightarrow 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
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: $11488911589^2 \Rightarrow 3 \cdot 151 \dots, S \ 3^4 \cdot 5^2 \cdot 31^2 \cdot 71^2 \cdot 101^2 \cdot 127^2 \cdot 151^2 \cdot 197^2 \cdot 233^6$
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: $p_{15}^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^4 \cdot 5^2 \cdot 13^2$

- 126: $p_{15}^4, B_3 = 322$
127: $10303^{36} \Rightarrow n, B_1 = 317; q^{40}, B_2 = 321$
129: $101^4 \Rightarrow 5 \cdot 31 \cdot 491 \cdot 1381, B_1 = 44$
130: $1381^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
131: $1381^4 \Rightarrow 5 \cdot 811 \cdot 1091 \cdot 822761, B_1 = 76$
132: $822761^2 \Rightarrow 7 \dots, S \ 3^2 \cdot 5^4 \cdot 7^2$
133: $822761^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5^4 \cdot 11^2 \cdot 31^2$
134: $822761^6 \Rightarrow 87332057 \cdot 231473537 \cdot P_{20}, B_1 = 170$
135: $P_{20}^2 \Rightarrow 3 \cdot 3643 \cdot 8950813 \cdot p_{28}, B_1 = 247$
136: $p_{28}^2 \Rightarrow 3 \cdot 307 \cdot n, B_1 = 304; q^4, B_3 = 302$
138: $P_{20}^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 5^4 \cdot 11^2 \cdot 31^2$
139: $P_{20}^6 \Rightarrow 7 \dots, S \ 3^2 \cdot 5^4 \cdot 7^2$
140: $P_{20}^{10}, B_2 = 383$
141: $822761^{10} \Rightarrow 89 \cdot 9109 \cdot 935381459 \cdot 822039516992641476409 \cdot p_{24}, B_1 = 241$
142: $p_{24}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^4 \cdot 5^4 \cdot 7^2$
143: $p_{24}^4 \Rightarrow 5 \cdot n, B_1 = 381; q^6, B_3 = 335$
145: $822761^{12} \Rightarrow 53 \cdot 911 \cdot 11577523199118449 \cdot 6036162971904026729 \cdot P_{32}, B_1 = 277$
146: $P_{32}^2 \Rightarrow 3 \dots, S \ 3^4 \cdot 5^4 \cdot 31^2 \cdot 53^2 \cdot 101^4 \cdot 127^2$
147: $P_{32}^4, B_3 = 340$
148: $822761^{16} \Rightarrow 103 \cdot 409 \cdot P_{91}, B_1 = 348$
149: $822761^{18} \Rightarrow 35618505739783417059457 \cdot P_{84}, B_1 = 383$
150: $822761^{22} \Rightarrow n, B_1 = 324; q^{28}, B_2 = 331$
152: $1381^6 \Rightarrow 71 \cdot 2087 \cdot P_{14}, B_1 = 94$
153: $P_{14}^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^4 \cdot 5^2 \cdot 13^2$
154: $P_{14}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5^4 \cdot 11^2 \cdot 31^2$
155: $P_{14}^6 \Rightarrow 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
156: $P_{14}^{10} \Rightarrow 23 \dots, S \ 3^2 \cdot 5^2 \cdot 23^2 \cdot 31^2 \cdot 71^2 \cdot 101^4 \cdot 127^2 \cdot 313^2$
157: $P_{14}^{12}, B_2 = 328$
158: $1381^{10} \Rightarrow 9749851 \cdot 31560079 \cdot P_{17}, B_1 = 132$
159: $P_{17}^2 \Rightarrow 73 \cdot 10369 \cdot p_{28}, B_1 = 200$
160: $p_{28}^2 \Rightarrow 3 \cdot 7^2 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
161: $p_{28}^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$
162: $p_{28}^6, B_2 = 335$
163: $P_{17}^4 \Rightarrow 61 \cdot 151 \cdot 2971 \cdot 14867771 \cdot P_{54}, B_1 = 301$
164: $P_{17}^6 \Rightarrow n, B_1 = 301; q^{10}, B_2 = 338$
166: $1381^{12} \Rightarrow 79 \cdot P_{36}, B_1 = 151$
167: $P_{36}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
168: $P_{36}^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$
169: $P_{36}^6, B_2 = 429$
170: $1381^{16} \Rightarrow 3254820341 \cdot 922801747819487909 \cdot p_{23}, B_1 = 189$
171: $p_{23}^2 \Rightarrow 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
172: $p_{23}^4 \Rightarrow n, B_1 = 325$
173: $p_{23}^6 \Rightarrow 43 \cdot 547 \cdot n, B_1 = 421; q^{10}, B_2 = 455$
175: $1381^{18} \Rightarrow 52289 \cdot P_{52}, B_1 = 207$
176: $P_{52}^2 \Rightarrow 13 \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 31^2$
177: $P_{52}^4, B_2 = 414$
178: $1381^{22} \Rightarrow 23 \cdot 47 \dots, S \ 3^2 \cdot 5^2 \cdot 23^2 \cdot 31^2 \cdot 47^2 \cdot 101^4 \cdot 127^2$
179: $1381^{28} \Rightarrow 6580086296863 \cdot 829015897915674510383 \cdot p_{55}, B_1 = 302$
180: $1381^{30} \Rightarrow 2357 \cdot 16741 \cdot 362869447 \cdot 1054387182910538169208038606009691 \cdot P_{46}, B_1 = 321$
181: $1381^{36} \Rightarrow 7359751253 \cdot p_{104}, B_1 = 377$
182: $1381^{40} \Rightarrow 739 \cdot 191143 \cdot p_{118}, B_1 = 415$
183: $1381^{42} \Rightarrow n, B_1 = 302$
184: $1381^{46} \Rightarrow n, B_1 = 327; q^{52}, B_2 = 326$

186: $101^6 \Rightarrow 71 \cdot 15100497917, B_1 = 61$
 187: $15100497917^2 \Rightarrow P_{21}, B_1 = 101$
 188: $P_{21}^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^4 \cdot 5^2 \cdot 13^2$
 189: $P_{21}^4 \Rightarrow 181 \cdot 1522637324381413455398831 \cdot P_{55}, B_1 = 305$
 190: $P_{21}^6 \Rightarrow n, B_1 = 305; q^{10}, B_2 = 407$
 192: $15100497917^4 \Rightarrow 41 \cdot 131 \cdot 12671 \cdot 83827171 \cdot P_{25}, B_1 = 162$
 193: $P_{25}^2 \Rightarrow 13 \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 31^2$
 194: $P_{25}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$
 195: $P_{25}^6 \Rightarrow n, B_1 = 412; q^{10}, B_2 = 499$
 197: $15100497917^6 \Rightarrow 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
 198: $15100497917^{10} \Rightarrow 23 \cdot 67 \dots, S \ 3^2 \cdot 5^2 \cdot 23^2 \cdot 31^2 \cdot 67^2 \cdot 71^2 \cdot 101^6$
 199: $15100497917^{12} \Rightarrow p_{123}, B_1 = 407; q^{16}, B_2 = 325$
 201: $101^{10} \Rightarrow 23 \cdot 1876403 \cdot P_{13}, B_1 = 85$
 202: $P_{13}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
 203: $P_{13}^4 \Rightarrow 71 \dots, S \ 3^2 \cdot 5^2 \cdot 23^2 \cdot 31^2 \cdot 71^2 \cdot 101^{10} \cdot 127^2 \cdot 313^2$
 204: $P_{13}^6 \Rightarrow 197 \cdot 9857 \cdot 117811 \cdot 671498871229820091249449082461 \cdot P_{34}, B_1 = 283$
 205: $P_{34}^2 \Rightarrow n, B_1 = 350; q^4, B_3 = 350$
 207: $P_{13}^{10} \Rightarrow 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 23^2$
 208: $P_{13}^{12} \Rightarrow n, B_1 = 358; q^{16}, B_2 = 397$
 210: $101^{12} \Rightarrow 79 \cdot 157 \cdot 521 \cdot 60919 \cdot p_{13}, B_1 = 97$
 211: $p_{13}^2 \Rightarrow 73 \cdot 13435141 \cdot P_{16}, B_1 = 147$
 212: $P_{16}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
 213: $P_{16}^4 \Rightarrow 16561 \cdot 3829758180953054529787471 \cdot P_{35}, B_1 = 306$
 214: $P_{16}^6 \Rightarrow 29 \cdot 71 \dots, S \ 3^2 \cdot 5^2 \cdot 29^2 \cdot 31^2 \cdot 71^2 \cdot 73^2 \cdot 79^2 \cdot 101^{12}$
 215: $P_{16}^{10}, B_2 = 318$
 216: $p_{13}^4 \Rightarrow 11 \cdot 31 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$
 217: $p_{13}^6 \Rightarrow 421 \cdot 10711 \cdot 985027 \cdot 20852791 \cdot p_{55}, B_1 = 296$
 218: $p_{55}^2 \Rightarrow 3 \cdot 37 \dots, S \ 3^4 \cdot 5^2 \cdot 31^2 \cdot 37^2 \cdot 79^2 \cdot 101^{12}$
 219: $p_{55}^4, B_2 = 438$
 220: $p_{13}^{10} \Rightarrow 67 \cdot 683 \cdot n, B_1 = 326$
 221: $p_{13}^{12} \Rightarrow 13 \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 31^2$
 222: $p_{13}^{16}, B_2 = 398$
 223: $101^{16} \Rightarrow 239 \cdot 40162093 \cdot P_{23}, B_1 = 121$
 224: $P_{23}^2 \Rightarrow 16648589071 \cdot P_{34}, B_1 = 209$
 225: $P_{34}^2 \Rightarrow 3 \cdot 37 \dots, S \ 3^4 \cdot 5^2 \cdot 31^2 \cdot 37^2 \cdot 101^{16} \cdot 127^2$
 226: $P_{34}^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$
 227: $P_{34}^6, B_2 = 407$
 228: $P_{23}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$
 229: $P_{23}^6 \Rightarrow n, B_1 = 342; q^{10}, B_2 = 441$
 231: $101^{18} \Rightarrow 7069 \cdot 1808982826037837 \cdot P_{17}, B_1 = 133$
 232: $P_{17}^2 \Rightarrow 37 \cdot 7351 \cdot P_{29}, B_1 = 201$
 233: $P_{29}^2 \Rightarrow 3 \cdot 19 \dots, S \ 3^4 \cdot 5^2 \cdot 19^2 \cdot 31^2$
 234: $P_{29}^4 \Rightarrow n, B_1 = 372; q^6, B_2 = 342$
 236: $P_{17}^4 \Rightarrow 11 \cdot 31 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$
 237: $P_{17}^6 \Rightarrow 29 \cdot n, B_1 = 304; q^{10}, B_2 = 339$
 239: $101^{22} \Rightarrow 47 \cdot p_{43}, B_1 = 157$
 240: $p_{43}^2 \Rightarrow 37 \cdot 223 \cdot 1291 \cdot 7723 \cdot 5590254820901581 \cdot p_{59}, B_1 = 327; q^4, B_2 = 339$
 242: $101^{28} \Rightarrow 10824711302231307209 \cdot p_{38}, B_1 = 193$
 243: $p_{38}^2 \Rightarrow 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
 244: $p_{38}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$
 245: $p_{38}^6, B_2 = 445$
 246: $101^{30} \Rightarrow 26041 \cdot 184087221748933 \cdot 70458026227904971 \cdot p_{25}, B_1 = 205$
 247: $p_{25}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
 248: $p_{25}^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$

249: $p_{25}^6, B_3 = 303$
 250: $101^{36} \Rightarrow 1999 \cdot 11471 \cdot 275066876202623893829603 \cdot P_{42}, B_1 = 241$
 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: $p_{29}^2 \Rightarrow 3 \cdot 19 \dots, S \ 3^4 \cdot 5^2 \cdot 19^2 \cdot 31^2$
 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: $23719^2 \Rightarrow 3 \cdot 19 \dots, S \ 3^4 \cdot 5^2 \cdot 19^2 \cdot 31^2$
 262: $23719^4 \Rightarrow 11^2 \cdot 31 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$
 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: $101^{60} \Rightarrow 367 \cdot 977 \cdot 4215994014857403809306993 \cdot P_{91}, B_1 = 385$
 267: $101^{66} \Rightarrow 718782433 \cdot 97128914605045013113 \cdot P_{104}, B_1 = 421$
 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: $p_{23}^2 \Rightarrow 3 \cdot 7 \cdot 13 \dots, S \ 3^8 \cdot 7^2 \cdot 11^2 \cdot 13^2$
 293: $p_{23}^4, B_3 = 343$
 294: $P_{24}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^6 \cdot 5^2 \cdot 11^2$
 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: $P_{15}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^6 \cdot 5^2 \cdot 11^2$
 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: $2780923^{12} \Rightarrow 53 \cdot 4383584772161268337 \cdot$
 $210098605527071879072884183 \cdot P_{31}, B_1 = 289$
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: $191^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^6 \cdot 5^2 \cdot 11^2$
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: $250590853^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^6 \cdot 7^2 \cdot 11^2 \cdot 31^2 \cdot 37^2$
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: $p_{34}^4 \Rightarrow 5 \dots, S \ 3^6 \cdot 5^2 \cdot 11^2$
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: $250590853^{10} \Rightarrow 199 \cdot 12456049 \cdot 782459765519522004157 \cdot p_{54}, B_1 = 363$
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: $22926121^4 \Rightarrow 5 \cdot 11^2 \dots, S \ 3^4 \cdot 5^2 \cdot 11^4$
352: $22926121^6 \Rightarrow 7 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 31^2 \cdot 37^2$
353: $22926121^{10} \Rightarrow 661 \cdot 11235533 \cdot P_{64}, B_1 = 304$
354: $22926121^{12} \Rightarrow 157 \cdot 1103957340785322713 \cdot$
 $6453697706997278141 \cdot 69261021890097562799 \cdot P_{30}, B_1 = 349$
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: $p_{17}^2 \Rightarrow 3 \cdot 7 \cdot 19 \dots, S \ 3^8 \cdot 7^2 \cdot 13^2 \cdot 19^2 \cdot 31^2$
363: $p_{17}^4, B_3 = 311$
364: $109162124431^4 \Rightarrow 5 \dots, S \ 3^6 \cdot 5^2 \cdot 19^2 \cdot 31^2$
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: $587959^2 \Rightarrow 3 \cdot 115232124547, B_1 = 297$

- 376: $115232124547^2 \Rightarrow 3 \cdot 19 \dots, S \ 3^6 \cdot 7^2 \cdot 19^2 \cdot 31^2 \cdot 37^2 \cdot 43^2$
- 377: $115232124547^4, B_3 = 319$
- 378: $587959^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 31^2 \cdot 37^2$
- 379: $587959^6 \Rightarrow 7 \cdot 463 \cdot n, B_1 = 333; q^{10}, B_3 = 320$
- 381: $P_{14}^{10} \Rightarrow n, B_1 = 374; q^{12}, B_2 = 329$
- 383: $55333^{10} \Rightarrow 23 \cdot 89 \cdot 135447444661 \cdot p_{33}, B_1 = 184$
- 384: $p_{33}^2 \Rightarrow 13 \cdot 164603310145558829363514367474111 \cdot p_{33}, B_1 = 316$
- 385: $p_{33}^4 \Rightarrow 41 \cdot 71 \cdot n, B_1 = 385; q^6, B_2 = 395$
- 387: $55333^{12} \Rightarrow 510357329 \cdot 1358338049641 \cdot 68513407781460409 \cdot p_{20}, B_1 = 212$
- 388: $p_{20}^2 \Rightarrow 43 \cdot 79 \cdot 36979 \cdot 320209 \cdot p_{25}, B_1 = 289$
- 389: $p_{25}^2 \Rightarrow 3 \cdot 7 \cdot 349 \cdot n, B_1 = 343; q^4, B_3 = 339$
- 391: $p_{20}^4 \Rightarrow 5 \cdot n, B_1 = 328$
- 392: $p_{20}^6 \Rightarrow 71 \cdot n, B_1 = 406; q^{10}, B_2 = 384$
- 394: $55333^{16} \Rightarrow 137 \cdot 647 \cdot 17681 \cdot 13788489269 \cdot 342387793437500443 \cdot p_{40}, B_1 = 269$
- 395: $p_{40}^2 \Rightarrow n, B_1 = 347; q^4, B_3 = 347$
- 397: $55333^{18} \Rightarrow P_{86}, B_1 = 298$
- 398: $P_{86}^2, B_2 = 341$
- 399: $55333^{22} \Rightarrow 47 \cdot 1903877474408219506309767847 \cdot P_{76}, B_1 = 355$
- 400: $55333^{28} \Rightarrow 29 \cdot n, B_1 = 309$
- 401: $55333^{30} \Rightarrow n, B_1 = 326; q^{36}, B_2 = 341$
- 403: $4591^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^4 \cdot 5^2 \cdot 11^2$
- 404: $4591^6 \Rightarrow 254322041 \cdot p_{14}, B_1 = 100$
- 405: $p_{14}^2 \Rightarrow 13 \cdot 19 \cdot 486583 \cdot P_{20}, B_1 = 154$
- 406: $P_{20}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^2 \cdot 31^2$
- 407: $P_{20}^4 \Rightarrow 41 \cdot 383171 \cdot 164515848457564094102875791641 \cdot P_{40}, B_1 = 345$
- 408: $P_{20}^6 \Rightarrow n, B_1 = 345; q^{10}, B_2 = 381$
- 410: $p_{14}^4 \Rightarrow 61 \cdot 271 \cdot 401 \cdot 5326301 \cdot 13445509681 \cdot P_{31}, B_1 = 236$
- 411: $P_{31}^2 \Rightarrow 3 \cdot 43 \cdot 607 \cdot n, B_1 = 301$
- 412: $P_{31}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^4 \cdot 5^2 \cdot 11^2$
- 413: $P_{31}^6, B_2 = 367$
- 414: $p_{14}^6 \Rightarrow 7 \cdot 29 \cdot 757 \cdot 18859 \cdot 3080393 \cdot 83926109 \cdot 176526355054622623 \cdot 22676213039515291859 \cdot P_{21}, B_1 = 317$
- 415: $p_{14}^{10} \Rightarrow 23 \cdot 331 \cdot n, B_1 = 348; q^{12}, B_2 = 325$
- 417: $4591^{10} \Rightarrow 881 \cdot 2113651 \cdot 30701466148519 \cdot p_{14}, B_1 = 144$
- 418: $p_{14}^2 \Rightarrow 3 \cdot 7 \cdot 19 \cdot p_{26}, B_1 = 199$
- 419: $p_{26}^2 \Rightarrow 3 \cdot 61 \dots, S \ 3^6 \cdot 7^2 \cdot 19^2 \cdot 31^2 \cdot 37^2 \cdot 61^2 \cdot 127^2$
- 420: $p_{26}^4 \Rightarrow n, B_1 = 349; q^6, B_2 = 301$
- 422: $p_{14}^4 \Rightarrow 41 \cdot 1601 \cdot p_{51}, B_1 = 283$
- 423: $p_{51}^2 \Rightarrow n, B_1 = 384; q^4, B_2 = 405$
- 425: $p_{14}^6 \Rightarrow 43 \cdot 71 \cdot 24697 \cdot 100273783 \cdot p_{68}, B_1 = 366$
- 426: $p_{14}^{10} \Rightarrow 11 \cdot 23 \cdot 331 \cdot n, B_1 = 398; q^{12}, B_2 = 332$
- 428: $4591^{12} \Rightarrow 521 \cdot p_{42}, B_1 = 166$
- 429: $p_{42}^2 \Rightarrow 94845493 \cdot P_{75}, B_1 = 331; q^4, B_2 = 329$
- 431: $4591^{16} \Rightarrow 17 \cdot 1021 \cdot 955801233000296205155233 \cdot p_{31}, B_1 = 210$
- 432: $p_{31}^2 \Rightarrow 3 \cdot 13 \cdot 1231 \cdot 1730041 \cdot P_{50}, B_1 = 330$
- 433: $p_{31}^4 \Rightarrow 11 \cdot n, B_1 = 393; q^6, B_2 = 364$
- 435: $4591^{18} \Rightarrow 761 \cdot 20939 \cdot 2334037 \cdot 442078452317 \cdot 1053085325072189 \cdot P_{26}, B_1 = 232$
- 436: $P_{26}^2 \Rightarrow 3 \cdot 7 \cdot 37^2 \cdot 229 \cdot 373 \cdot 19009 \cdot 3531141463 \cdot P_{29}, B_1 = 331$
- 437: $P_{26}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^4 \cdot 5^2 \cdot 11^2$
- 438: $P_{26}^6, B_3 = 335$
- 439: $4591^{22} \Rightarrow 47 \cdot 691 \cdot 1151 \cdot 1631897 \cdot 244491151 \cdot 74960551690749667 \cdot P_{42}, B_1 = 276$
- 440: $P_{42}^2 \Rightarrow 3 \cdot 31 \cdot 139 \cdot n, B_1 = 359; q^4, B_3 = 359$
- 442: $4591^{28} \Rightarrow 59 \cdot 1277 \cdot 331819 \cdot 44459147 \cdot 54480851 \cdot 9387912539 \cdot 149015844837106590107 \cdot p_{47}, B_1 = 342$

443: $4591^{30} \Rightarrow 5209 \cdot 5629513986533 \cdot 1058669992770233 \cdot p_{79}, B_1 = 364$
444: $4591^{36} \Rightarrow 31411343807 \cdot n, B_1 = 308$
445: $4591^{40} \Rightarrow 83 \cdot n, B_1 = 329; q^{42}, B_2 = 307$
447: $9181^2 \Rightarrow 3 \cdot 7^2 \cdot 13 \cdot 31 \dots, S \ 3^4 \cdot 7^2 \cdot 13 \cdot 31^2 \cdot 37^2 \cdot 127^2$
448: $9181^4 \Rightarrow 5 \cdot 11311 \cdot 125642407351, B_1 = 75$
449: $125642407351^2 \Rightarrow 3 \cdot 733 \cdot P_{19}, B_1 = 118$
450: $P_{19}^2 \Rightarrow 3 \cdot 34807 \cdot 2729983 \cdot 33567189193 \cdot P_{16}, B_1 = 186$
451: $P_{16}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^6 \cdot 5 \cdot 7^2$
452: $P_{16}^4 \Rightarrow 71 \cdot 151 \cdot 53543431 \cdot 70414451 \cdot p_{44}, B_1 = 311$
453: $P_{16}^6 \Rightarrow 43 \cdot n, B_1 = 345; q^{10}, B_2 = 314$
455: $P_{19}^4 \Rightarrow 5531 \cdot 17765386094679211 \cdot p_{56}, B_1 = 254$
456: $p_{56}^1 \Rightarrow 7 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
457: $p_{56}^2, B_3 = 307$
458: $P_{19}^6 \Rightarrow 7 \dots, S \ 3^4 \cdot 5 \cdot 7^2$
459: $P_{19}^{10}, B_2 = 377$
460: $125642407351^4 \Rightarrow 5 \cdot 181 \cdot 16381 \cdot 4874056251580811 \cdot P_{22}, B_1 = 183$
461: $P_{22}^2 \Rightarrow 7 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
462: $P_{22}^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^4 \cdot 31^2 \cdot 37 \cdot 127^2 \cdot 181^2$
463: $P_{22}^6 \Rightarrow 71 \dots, S \ 3^4 \cdot 5^2 \cdot 31^2 \cdot 37 \cdot 71^2 \cdot 127^2$
464: $P_{22}^{10}, B_2 = 430$
465: $125642407351^6 \Rightarrow 669859 \cdot P_{61}, B_1 = 253$
466: $P_{61}^2 \Rightarrow 3 \cdot n, B_1 = 374; q^4, B_2 = 486$
468: $125642407351^{10} \Rightarrow 23 \cdot 67 \dots, S \ 3^4 \cdot 5 \cdot 23^2 \cdot 31^2 \cdot 37^2 \cdot 67^2$
469: $125642407351^{12} \Rightarrow 53 \cdot n, B_1 = 321; q^{16}, B_2 = 355$
471: $9181^6 \Rightarrow 113 \cdot 17431 \cdot 15251867 \cdot 19937168287, B_1 = 99$
472: $19937168287^2 \Rightarrow 3 \cdot 541 \cdot 25981 \cdot 46153 \cdot 204245563, B_1 = 137$
473: $204245563^2 \Rightarrow 3 \cdot 7 \cdot 97 \cdot 373 \cdot 1117 \cdot 1279 \cdot 38431, B_1 = 170$
474: $38431^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^6 \cdot 7^2 \cdot 13 \cdot 31^2 \cdot 37^2 \cdot 97^2$
475: $38431^4 \Rightarrow 5 \dots, S \ 3^6 \cdot 5 \cdot 7^2$
476: $38431^6 \Rightarrow 7 \cdot 71 \cdot 827 \cdot P_{22}, B_1 = 242$
477: $P_{22}^2 \Rightarrow 3 \cdot 31 \cdot 1531 \cdot 2647279 \cdot p_{33}, B_1 = 298$
478: $p_{33}^1 \Rightarrow 5 \dots, S \ 3^6 \cdot 5^2 \cdot 7^2$
479: $p_{33}^2, B_3 = 326$
480: $P_{22}^4 \Rightarrow 131^2 \cdot n, B_1 = 373; q^6, B_3 = 330$
482: $38431^{10} \Rightarrow 67 \cdot 991 \cdot 3037 \cdot 19869257 \cdot$
 $896569301 \cdot 2246447897 \cdot 870909568981, B_1 = 291$
483: $870909568981^1 \Rightarrow 17 \cdot 23 \dots, S \ 3^6 \cdot 7^2 \cdot 17^2 \cdot 23^2 \cdot 31^2$
484: $870909568981^2 \Rightarrow 3 \cdot 7 \cdot n, B_1 = 317; q^4, B_3 = 318$
486: $38431^{12} \Rightarrow 18960948884760958095177457 \cdot p_{30}, B_1 = 301$
487: $38431^{16} \Rightarrow n, B_1 = 308$
488: $38431^{18} \Rightarrow n, B_1 = 326$
489: $38431^{22} \Rightarrow 47 \cdot n, B_1 = 365$
490: $38431^{28} \Rightarrow 59 \cdot 349 \cdot n, B_1 = 422$
491: $38431^{30} \Rightarrow 373 \cdot n, B_1 = 434; q^{36}, B_2 = 330$
493: $204245563^4 \Rightarrow 11 \cdot 71 \cdot p_{31}, B_1 = 195$
494: $p_{31}^1 \Rightarrow 3 \cdot 379 \cdot 418924301009 \cdot P_{16}, B_1 = 255$
495: $P_{16}^2 \Rightarrow 167107 \cdot 1136203 \cdot 560286943 \cdot 51428739319, B_1 = 316$
496: $P_{16}^4 \Rightarrow n, B_1 = 347; q^6, B_3 = 316$
498: $p_{31}^2 \Rightarrow 64063 \cdot 1087954603 \cdot P_{47}, B_1 = 342$
499: $p_{31}^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5 \cdot 11^2 \cdot 31^2$
500: $p_{31}^6, B_2 = 364$
501: $204245563^6 \Rightarrow 43 \cdot 23563 \cdot p_{44}, B_1 = 231$
502: $p_{44}^1 \Rightarrow 787 \cdot 3677 \cdot 67917427 \cdot P_{30}, B_1 = 318$
503: $p_{44}^2 \Rightarrow 3 \cdot 43 \cdot 601 \cdot n, B_1 = 359; q^4, B_3 = 358$

505: $204245563^{10} \Rightarrow 61909 \cdot 33453179 \cdot 11300690413 \cdot n, B_1 = 304$
506: $204245563^{12} \Rightarrow 53 \cdot n, B_1 = 322$
507: $204245563^{16} \Rightarrow 137 \cdot n, B_1 = 389$
508: $204245563^{18} \Rightarrow n, B_1 = 420; q^{22}, B_2 = 365$
510: $19937168287^4 \Rightarrow 11 \cdot 41 \cdot 8220344521 \cdot P_{29}, B_1 = 195$
511: $P_{29}^2 \Rightarrow 277429 \cdot 109673353 \cdot 164277469 \cdot p_{36}, B_1 = 283$
512: $p_{36}^1 \Rightarrow 29 \cdot 227 \cdot n, B_1 = 323; q^2, B_3 = 309$
514: $P_{29}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^4 \cdot 5 \cdot 11^2 \cdot 31^2$
515: $P_{29}^6, B_2 = 343$
516: $19937168287^6 \Rightarrow 7 \cdot 127 \cdot 26783 \cdot 5566708519 \cdot p_{45}, B_1 = 217$
517: $p_{45}^1 \Rightarrow 3 \cdot 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
518: $p_{45}^2 \Rightarrow 13 \dots, S \ 3^4 \cdot 7^2 \cdot 13 \cdot 31^2 \cdot 37^2 \cdot 113^2$
519: $p_{45}^4, B_2 = 357$
520: $19937168287^{10} \Rightarrow 23 \cdot 67 \cdot 199 \cdot 708599 \cdot 5592333623207 \cdot n, B_1 = 309$
521: $19937168287^{12} \Rightarrow 79 \cdot n, B_1 = 328; q^{16}, B_2 = 329$
523: $9181^{10} \Rightarrow 23 \cdot 635471 \cdot 2813416783 \cdot p_{24}, B_1 = 126$
524: $p_{24}^1 \Rightarrow 3 \cdot 5^2 \cdot 7^2 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
525: $p_{24}^2 \Rightarrow 13 \cdot 2689 \cdot P_{42}, B_1 = 238$
526: $P_{42}^2 \Rightarrow 3 \cdot 61 \cdot 73 \cdot n, B_1 = 324; q^4, B_2 = 331$
528: $p_{24}^4 \Rightarrow 101 \cdot 461 \cdot 571 \cdot P_{85}, B_1 = 377$
529: $p_{24}^6 \Rightarrow 617 \cdot n, B_1 = 379; q^{10}, B_2 = 460$
531: $9181^{12} \Rightarrow 157 \cdot 521 \cdot 241229 \cdot 2190130430567 \cdot P_{25}, B_1 = 167$
532: $P_{25}^2 \Rightarrow 19 \cdot 163 \cdot 5581 \cdot p_{43}, B_1 = 230$
533: $p_{43}^1 \Rightarrow 5^3 \dots, S \ 3^4 \cdot 5^4 \cdot 19^2 \cdot 31^2$
534: $p_{43}^2 \Rightarrow 3 \cdot 7 \cdot 19 \cdot 967 \cdot n, B_1 = 354; q^4, B_3 = 352$
536: $P_{25}^4 \Rightarrow 661 \cdot n, B_1 = 320$
537: $P_{25}^6 \Rightarrow 7 \cdot 71 \cdot n, B_1 = 419; q^{10}, B_2 = 498$
539: $9181^{16} \Rightarrow 17 \cdot 103 \cdot 953 \cdot 3673 \cdot 7481 \cdot 121687 \cdot$
 $2283461629543 \cdot 73603473319847 \cdot p_{19}, B_1 = 202$
540: $p_{19}^1 \Rightarrow 3 \cdot 5^3 \dots, S \ 3^4 \cdot 5^4 \cdot 17^2 \cdot 31^2$
541: $p_{19}^2 \Rightarrow 105937453 \cdot 445442489617 \cdot P_{18}, B_1 = 283$
542: $P_{18}^2 \Rightarrow 3 \cdot 13 \cdot n, B_1 = 318; q^4, B_3 = 317$
544: $p_{19}^4 \Rightarrow 71 \cdot 311 \cdot n, B_1 = 331$
545: $p_{19}^6 \Rightarrow 29 \cdot n, B_1 = 402; q^{10}, B_2 = 368$
547: $9181^{18} \Rightarrow 2129 \cdot 118085024551805774505651739081667 \cdot p_{36}, B_1 = 208$
548: $p_{36}^1 \Rightarrow 51517 \cdot 600830863507139 \cdot p_{17}, B_1 = 280$
549: $p_{17}^2 \Rightarrow 7 \cdot 13 \cdot 67 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 31^2 \cdot 37^2 \cdot 67^2$
550: $p_{17}^4, B_3 = 312$
551: $p_{36}^2 \Rightarrow 3 \cdot 7 \cdot 181 \cdot n, B_1 = 315; q^4, B_3 = 313$
553: $9181^{22} \Rightarrow 47 \cdot 18132200719277 \cdot p_{73}, B_1 = 219$
554: $p_{73}^1 \Rightarrow 3 \cdot 395803 \cdot 1535719 \cdot n, B_1 = 303$
555: $p_{73}^2 \Rightarrow 13 \cdot 19 \cdot 37 \cdot 73 \cdot 307 \cdot n, B_1 = 428; q^4, B_2 = 578$
557: $9181^{28} \Rightarrow 59 \cdot 7309 \cdot 5509073 \cdot$
 $28460541731811529127 \cdot 731663943395682064763777 \cdot p_{56}, B_1 = 308$
558: $9181^{30} \Rightarrow 1427 \cdot 9239 \cdot 1558071967 \cdot p_{103}, B_1 = 284$
559: $p_{103}^1 \Rightarrow n, B_1 = 387; q^2, B_2 = 410$
561: $9181^{36} \Rightarrow 593 \cdot n, B_1 = 316; q^{40}, B_2 = 317$
563: $1009^4 \Rightarrow p_{13}, B_1 = 44$
564: $p_{13}^1 \Rightarrow 3 \cdot 172919530897, B_1 = 68$
565: $172919530897^2 \Rightarrow 3 \cdot 13 \cdot 167017549 \cdot p_{13}, B_1 = 112$
566: $p_{13}^2 \Rightarrow 3 \cdot 3523057633 \cdot p_{16}, B_1 = 162$
567: $p_{16}^2 \Rightarrow 3 \cdot 7^2 \cdot 31^2 \cdot p_{26}, B_1 = 218$
568: $p_{26}^2 \Rightarrow 3 \cdot 883 \cdot 6301 \cdot 153607 \cdot p_{39}, B_1 = 320$
569: $p_{26}^4 \Rightarrow n, B_1 = 370; q^6, B_3 = 320$

571: $p_{16}^4 \Rightarrow 11 \cdot 661 \cdot 1252177447598024861 \cdot P_{40}, B_1 = 315$
572: $p_{16}^6 \Rightarrow n, B_1 = 315; q^{10}, B_2 = 305$
574: $p_{13}^4 \Rightarrow 71 \cdot 191 \cdot 211 \cdot 268811 \cdot 1030969395307875761 \cdot p_{21}, B_1 = 238$
575: $p_{21}^2 \Rightarrow 7 \cdot 13 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 31^2 \cdot 71^2 \cdot 127^2 \cdot 191^2 \cdot 211^2$
576: $p_{21}^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 13^2$
577: $p_{21}^6, B_3 = 321$
578: $p_{13}^6 \Rightarrow 7 \cdot 1535353 \cdot p_{69}, B_1 = 314$
579: $p_{13}^{10} \Rightarrow n, B_1 = 339; q^{12}, B_2 = 303$
581: $172919530897^4 \Rightarrow 11 \cdot 61 \cdot 1238551 \cdot 34062268434687011 \cdot P_{20}, B_1 = 180$
582: $P_{20}^2 \Rightarrow 86102077 \cdot 15069283300651 \cdot P_{18}, B_1 = 258$
583: $P_{18}^2 \Rightarrow 3 \cdot 37 \cdot 487 \cdot p_{32}, B_1 = 329$
584: $P_{18}^4 \Rightarrow 31 \cdot 101 \cdot 241 \cdot n, B_1 = 368; q^6, B_3 = 329$
586: $P_{20}^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 11^2$
587: $P_{20}^6 \Rightarrow 29 \cdot n, B_1 = 376; q^{10}, B_2 = 389$
589: $172919530897^6 \Rightarrow 7 \cdot 313517 \cdot 798984892889 \cdot p_{50}, B_1 = 247$
590: $p_{50}^2 \Rightarrow 3 \cdot 139 \cdot 463 \cdot n, B_1 = 350; q^4, B_2 = 393$
592: $172919530897^{10} \Rightarrow 23 \cdot 199 \cdot 419 \cdot p_{107}, B_1 = 382$
593: $172919530897^{12} \Rightarrow 79 \cdot n, B_1 = 317; q^{16}, B_2 = 359$
595: $p_{13}^2 \Rightarrow 727 \cdot 1399 \cdot 8269 \cdot P_{15}, B_1 = 100$
596: $P_{15}^2 \Rightarrow 3 \cdot 43 \cdot 61 \cdot 109^2 \cdot 373 \cdot 50062963 \cdot 9383676751, B_1 = 153$
597: $9383676751^2 \Rightarrow 3 \cdot 1051 \cdot 4429057 \cdot 6305373793, B_1 = 186$
598: $6305373793^1 \Rightarrow 109 \cdot 2087 \cdot 13859, B_1 = 205$
599: $13859^2 \Rightarrow 151 \cdot 1272091, B_1 = 221$
600: $1272091^2 \Rightarrow 3 \cdot 7 \cdot 67 \cdot 1150118539, B_1 = 246$
601: $1150118539^2 \Rightarrow 3 \cdot 1054441 \cdot 418159212607, B_1 = 281$
602: $418159212607^2 \Rightarrow 3 \cdot 73 \cdot n, B_1 = 307; q^4, B_3 = 304$
604: $1150118539^4 \Rightarrow 11 \dots, S \ 3^6 \cdot 7^2 \cdot 11^2 \cdot 31^2 \cdot 43^2$
605: $1150118539^6 \Rightarrow n, B_1 = 336; q^{10}, B_3 = 318$
607: $1272091^4 \Rightarrow 5 \cdot 61 \dots, S \ 3^4 \cdot 5^2 \cdot 31^2 \cdot 43^2 \cdot 61^2 \cdot 109^4$
608: $1272091^6 \Rightarrow 463 \cdot 3767 \cdot p_{31}, B_1 = 319$
609: $1272091^{10} \Rightarrow n, B_1 = 331$
610: $1272091^{12} \Rightarrow 443 \cdot n, B_1 = 358; q^{16}, B_3 = 307$
612: $13859^4 \Rightarrow 31 \cdot 281 \cdot P_{13}, B_1 = 243$
613: $P_{13}^2 \Rightarrow 859 \cdot 41809 \cdot 192601 \cdot P_{13}, B_1 = 294$
614: $P_{13}^2 \Rightarrow 3 \cdot 7 \cdot 13 \dots, S \ 3^6 \cdot 7^2 \cdot 13^2 \cdot 31^2 \cdot 43^2 \cdot 61^2$
615: $P_{13}^4, B_3 = 318$
616: $P_{13}^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 31^2 \cdot 43^2 \cdot 61^2 \cdot 109^4$
617: $P_{13}^6 \Rightarrow 29 \cdot n, B_1 = 371; q^{10}, B_3 = 344$
619: $13859^6 \Rightarrow 127 \cdot 211 \cdot p_{21}, B_1 = 267$
620: $p_{21}^2 \Rightarrow 3 \cdot 19 \cdot 31 \cdot 37 \cdot n, B_1 = 309; q^4, B_3 = 308$
622: $13859^{10} \Rightarrow 23 \cdot 89 \cdot 727 \cdot p_{36}, B_1 = 315$
623: $13859^{12} \Rightarrow 13 \cdot 59957 \cdot n, B_1 = 302$
624: $13859^{16} \Rightarrow n, B_1 = 329$
625: $13859^{18} \Rightarrow 191 \cdot n, B_1 = 348$
626: $13859^{22} \Rightarrow n, B_1 = 379; q^{28}, B_3 = 312$
628: $6305373793^2 \Rightarrow 3 \cdot 19 \cdot 43 \cdot 33457 \cdot 87931 \cdot 5513779, B_1 = 225$
629: $5513779^2 \Rightarrow 3 \cdot P_{14}, B_1 = 251$
630: $P_{14}^2 \Rightarrow 3 \cdot 1182142195363 \cdot p_{14}, B_1 = 296$
631: $p_{14}^1 \Rightarrow 13^2 \cdot 17 \cdot 67 \dots, S \ 3^8 \cdot 13^2 \cdot 17^2 \cdot 19^2 \cdot 31^2 \cdot 43^2 \cdot 61^2 \cdot 67^2 \cdot 109^2$
632: $p_{14}^2, B_3 = 303$
633: $P_{14}^4 \Rightarrow 71 \cdot 571 \cdot n, B_1 = 333; q^6, B_3 = 303$
635: $5513779^4 \Rightarrow 15112582171 \cdot P_{17}, B_1 = 292$
636: $P_{17}^2 \Rightarrow 7 \cdot 37 \dots, S \ 3^6 \cdot 7^2 \cdot 19^2 \cdot 31^2 \cdot 37 \cdot 43^2 \cdot 61^2$
637: $P_{17}^4, B_3 = 326$

- 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: $P_{20}^2 \Rightarrow 7^2 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 31^2 \cdot 43^2$
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: $9383676751^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^4 \cdot 5 \cdot 11^2 \cdot 31^2$
650: $9383676751^6 \Rightarrow 7 \cdot 71 \cdot 1141631 \cdot 10748893 \cdot$
 $49602491 \cdot 61297152975913 \cdot p_{23}, B_1 = 294$
651: $p_{23}^1 \Rightarrow 3 \cdot 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
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: $P_{15}^6 \Rightarrow 94529 \cdot 215725987 \cdot 2531261966934604457 \cdot P_{53}, B_1 = 312$
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: $P_{20}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^4 \cdot 5 \cdot 7^2$
665: $P_{20}^4 \Rightarrow 5 \cdot 11 \cdot 31 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$
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: $1024823381^1 \Rightarrow 3 \cdot 11 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 29^2 \cdot 31^2$
679: $1024823381^2 \Rightarrow 37987 \cdot p_{14}, B_1 = 97$
680: $p_{14}^1 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
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: $P_{25}^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5 \cdot 7^2$
687: $P_{25}^6, B_3 = 308$
688: $P_{14}^4 \Rightarrow 101 \cdot 100669081 \cdot p_{45}, B_1 = 254$
689: $p_{45}^1 \Rightarrow 13 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 29^2 \cdot 31^2$
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: $p_{14}^4 \Rightarrow 11 \cdot 41 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 29 \cdot 31^2 \cdot 41^2$
698: $p_{14}^6 \Rightarrow 29 \cdot 47079202116283 \cdot 4172286104965247278170778891 \cdot P_{38}, B_1 = 316$
699: $p_{14}^{10} \Rightarrow 23 \cdot n, B_1 = 347; q^{12}, B_2 = 322$
701: $1024823381^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
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: $P_{35}^4 \Rightarrow 11 \cdot 151 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 29 \cdot 31^2 \cdot 127^2 \cdot 151^2$

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: $p_{16}^2 \Rightarrow 3 \cdot 7 \cdot 13 \dots, S \ 3^6 \cdot 7^2 \cdot 13^2 \cdot 19^2 \cdot 31^2$
717: $p_{16}^4 \Rightarrow 41 \dots, S \ 3^6 \cdot 7^2 \cdot 19^2 \cdot 31^2 \cdot 41^2 \cdot 43^2 \cdot 127^2$
718: $p_{16}^6 \Rightarrow n, B_1 = 340; q^{10}, B_3 = 310$
720: $61978819471^4 \Rightarrow 5 \cdot 31 \dots, S \ 3^4 \cdot 5^2 \cdot 19^2 \cdot 31^2$
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: $p_{17}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^4 \cdot 5^2 \cdot 11^2$
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: $P_{36}^2 \Rightarrow 3 \cdot 7^2 \dots, S \ 3^6 \cdot 7^2 \cdot 13^2 \cdot 19^2 \cdot 31^2$
736: $P_{36}^4, B_3 = 364$
737: $p_{21}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^4 \cdot 5^2 \cdot 11^2$
738: $p_{21}^6 \Rightarrow 7 \cdot 29 \cdot 43 \dots, S \ 3^4 \cdot 7^2 \cdot 19^2 \cdot 29^2 \cdot 31^2 \cdot 43^2$
739: $p_{21}^{10}, B_2 = 413$
740: $431203^{10} \Rightarrow 991 \cdot 10957 \cdot 3397314710644351416310381 \cdot P_{25}, B_1 = 281$
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: $p_{17}^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
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: $p_{28}^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 31^2 \cdot 43^2$
758: $p_{28}^6, B_3 = 342$
759: $P_{20}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
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: $P_{25}^2 \Rightarrow 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
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: $p_{53}^1 \Rightarrow 5 \cdot 17 \dots, S \ 3^2 \cdot 5^2 \cdot 17^2 \cdot 29^2 \cdot 31^2$

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: $p_{22}^1 \Rightarrow 5 \cdot 13 \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 31^2$
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: $1009^{28} \Rightarrow 51853 \cdot 28995887047 \cdot 37216762343325446725313149 \cdot P_{44}, B_1 = 247$
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: $163580125889^1 \Rightarrow 3 \cdot 5 \cdot 19 \dots, S \ 3^4 \cdot 5^2 \cdot 19^2 \cdot 31^2$
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: $1009^{42} \Rightarrow 37897736613711130258763 \cdot c_{104}, B_1 = 293$
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: $p_{15}^2 \Rightarrow 42299 \cdot 3325881113, B_1 = 167$
825: $3325881113^2 \Rightarrow 7 \cdot 13 \cdot 19 \dots, S \ 3^4 \cdot 7^4 \cdot 13^2 \cdot 19^2 \cdot 61^2$
826: $3325881113^4 \Rightarrow 11 \cdot 31 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 31^2 \cdot 61^2$
827: $3325881113^6 \Rightarrow 50132989313743981 \cdot P_{41}, B_1 = 319$
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: $p_{38}^1 \Rightarrow 73 \cdot 811 \cdot n, B_1 = 302$

841: $p_{38}^2 \Rightarrow 3 \cdot 7 \cdot 181 \cdot n, B_1 = 367; q^4, B_3 = 365$
843: $p_{15}^6 \Rightarrow 71 \cdot 10893028441 \cdot 1111274682832819 \cdot P_{60}, B_1 = 374$
844: $p_{15}^{10} \Rightarrow 23 \cdot 419 \cdot n, B_1 = 410; q^{12}, B_2 = 346$
846: $P_{15}^4 \Rightarrow 5 \cdot 11 \cdot 170761 \cdot P_{52}, B_1 = 235$
847: $P_{52}^2 \Rightarrow n, B_1 = 337; q^4, B_2 = 409$
849: $P_{15}^6 \Rightarrow 4573633 \cdot 175010608151 \cdot 96187110422490505321 \cdot P_{50}, B_1 = 309$
850: $P_{15}^{10} \Rightarrow 23 \cdot 617 \cdot 683 \cdot n, B_1 = 358; q^{12}, B_2 = 348$
852: $836561914831^4 \Rightarrow 5 \cdot 11 \cdot 61 \cdot 401 \cdot 14693608681 \cdot P_{32}, B_1 = 159$
853: $P_{32}^2 \Rightarrow 3 \cdot 1123 \cdot 21817 \cdot 456007 \cdot 14893879212073 \cdot P_{37}, B_1 = 280$
854: $P_{37}^2 \Rightarrow 3 \dots, S \ 3^4 \cdot 5 \cdot 11^2 \cdot 61^2$
855: $P_{37}^4, B_3 = 352$
856: $P_{32}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 61$
857: $P_{32}^6, B_2 = 376$
858: $836561914831^6 \Rightarrow 18839057791 \cdot 63028576688266141 \cdot P_{45}, B_1 = 223$
859: $P_{45}^2 \Rightarrow 3 \cdot 43 \cdot n, B_1 = 314; q^4, B_2 = 355$
861: $836561914831^{10} \Rightarrow 23^2 \cdot 89 \cdot 4698885718047533 \cdot p_{99}, B_1 = 282$
862: $p_{99}^1 \Rightarrow 3 \cdot 463 \cdot n, B_1 = 382; q^2, B_2 = 395$
864: $836561914831^{12} \Rightarrow 53 \cdot 157 \cdot n, B_1 = 313; q^{16}, B_2 = 381$
866: $5419^6 \Rightarrow 7 \cdot 29 \cdot 211 \cdot 1499 \cdot 475483 \cdot 829621381, B_1 = 63$
867: $829621381^1 \Rightarrow 414810691, B_1 = 80$
868: $414810691^2 \Rightarrow 3 \cdot 13^2 \cdot 3559 \cdot 95359493521, B_1 = 111$
869: $95359493521^2 \Rightarrow 3 \cdot 103 \cdot 271 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 29^2 \cdot 103^2 \cdot 127^2 \cdot 211^2 \cdot 271^2$
870: $95359493521^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
871: $95359493521^6 \Rightarrow 20206691 \cdot 335255719 \cdot P_{51}, B_1 = 287$
872: $P_{51}^2 \Rightarrow 13 \cdot n, B_1 = 388; q^4, B_2 = 400$
874: $95359493521^{10} \Rightarrow 23 \cdot n, B_1 = 310$
875: $95359493521^{12} \Rightarrow 937 \cdot n, B_1 = 356; q^{16}, B_2 = 351$
877: $414810691^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
878: $414810691^6 \Rightarrow 7 \cdot 43 \cdot 16703 \cdot 81193351 \cdot 213991755624069403 \cdot P_{20}, B_1 = 216$
879: $P_{20}^2 \Rightarrow 877 \cdot 153991 \cdot 2737219 \cdot p_{25}, B_1 = 295$
880: $p_{25}^2 \Rightarrow 3 \cdot 7 \cdot 31 \cdot n, B_1 = 347; q^4, B_3 = 345$
882: $P_{20}^4 \Rightarrow n, B_1 = 335$
883: $P_{20}^6 \Rightarrow 7 \cdot 757 \cdot n, B_1 = 418; q^{10}, B_2 = 395$
885: $414810691^{10} \Rightarrow 331 \cdot 2531 \cdot p_{81}, B_1 = 321$
886: $414810691^{12} \Rightarrow 391771001205246406092493 \cdot c_{80}, B_1 = 293$
887: $p_{24}^2 \Rightarrow 3 \cdot 7 \cdot n, B_1 = 339; q^4, B_3 = 341$
889: $414810691^{16} \Rightarrow 307 \cdot n, B_1 = 341; q^{18}, B_2 = 310$
891: $829621381^2 \Rightarrow 3 \cdot 1483 \cdot P_{15}, B_1 = 105$
892: $P_{15}^2 \Rightarrow 3 \cdot 19 \cdot 67 \cdot P_{25}, B_1 = 162$
893: $P_{25}^2 \Rightarrow 3 \cdot 7 \cdot 1723 \cdot 67791564436340859853 \cdot P_{26}, B_1 = 240$
894: $P_{26}^2 \Rightarrow 3 \cdot 11161644465583 \cdot p_{37}, B_1 = 324$
895: $P_{26}^4 \Rightarrow 31^2 \dots, S \ 3^4 \cdot 7^2 \cdot 19^2 \cdot 29 \cdot 31^2 \cdot 67^2 \cdot 127^2$
896: $P_{26}^6, B_3 = 341$
897: $P_{25}^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 19^2$
898: $P_{25}^6 \Rightarrow 113 \cdot 211 \cdot n, B_1 = 409; q^{10}, B_2 = 495$
900: $P_{15}^4 \Rightarrow 821 \cdot 7321 \cdot 11623389313512671 \cdot 71734966884722111 \cdot p_{18}, B_1 = 231$
901: $p_{18}^1 \Rightarrow 17 \cdot 8308753 \cdot 404573891, B_1 = 265$
902: $404573891^2 \Rightarrow 43 \cdot 1063 \cdot 1612183 \cdot 2221159, B_1 = 299$
903: $2221159^2 \Rightarrow 3 \cdot n, B_1 = 313; q^4, B_3 = 312$
905: $404573891^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
906: $404573891^6 \Rightarrow 7 \cdot 29 \cdot 967 \cdot n, B_1 = 352; q^{10}, B_3 = 334$
908: $p_{18}^2 \Rightarrow 3 \cdot 6231037 \cdot p_{27}, B_1 = 290$
909: $p_{27}^1 \Rightarrow 137 \cdot 277 \cdot n, B_1 = 321; q^2, B_3 = 310$
911: $p_{18}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^2$

- 912: $p_{18}^6, B_3 = 313$
913: $P_{15}^6 \Rightarrow 43 \cdot 631 \cdot 45697 \cdot 7228570959808507 \cdot P_{61}, B_1 = 329$
914: $P_{15}^{10} \Rightarrow n, B_1 = 361; q^{12}, B_2 = 340$
916: $829621381^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
917: $829621381^6 \Rightarrow 7 \cdot 29 \cdot 43 \cdot 1363433 \cdot P_{44}, B_1 = 204$
918: $P_{44}^2 \Rightarrow 3 \cdot 37 \cdot 14724956813527748707 \cdot p_{66}, B_1 = 317; q^4, B_2 = 347$
920: $829621381^{10} \Rightarrow 1615783709 \cdot 238823482789 \cdot 7045631611602518194217 \cdot P_{47}, B_1 = 300$
921: $829621381^{12} \Rightarrow 131 \cdot 136419890620670281 \cdot P_{88}, B_1 = 358$
922: $829621381^{16} \Rightarrow 239 \cdot n, B_1 = 340; q^{18}, B_2 = 321$
924: $5419^{10} \Rightarrow 67 \cdot 33287 \cdot 274121 \cdot 43038337 \cdot p_{18}, B_1 = 99$
925: $p_{18}^1 \Rightarrow 3 \cdot 5101 \cdot P_{14}, B_1 = 133$
926: $P_{14}^2 \Rightarrow 7 \cdot 79 \cdot 139 \cdot 283 \cdot 1471 \cdot P_{17}, B_1 = 187$
927: $P_{17}^2 \Rightarrow 3 \cdot 181 \cdot 11779 \cdot p_{26}, B_1 = 252$
928: $p_{26}^2 \Rightarrow 3 \cdot 7 \cdot n, B_1 = 303; q^4, B_3 = 304$
930: $P_{17}^4 \Rightarrow 11 \cdot 211 \cdot 18541 \cdot 444288281 \cdot n, B_1 = 301$
931: $P_{17}^6 \Rightarrow 7 \cdot 239 \cdot n, B_1 = 352; q^{10}, B_2 = 327$
933: $P_{14}^4 \Rightarrow 214498411 \cdot 616591767271 \cdot 9438197072471 \cdot P_{21}, B_1 = 267$
934: $P_{21}^2 \Rightarrow 61 \cdot 223 \cdot n, B_1 = 313; q^4, B_3 = 309$
936: $P_{14}^6 \Rightarrow 29 \cdot 1652141 \cdot 16551025079 \cdot 388651149984019343 \cdot p_{46}, B_1 = 348$
937: $P_{14}^{10} \Rightarrow n, B_1 = 375; q^{12}, B_2 = 322$
939: $p_{18}^2 \Rightarrow 24675748729 \cdot P_{26}, B_1 = 178$
940: $P_{26}^2 \Rightarrow 3 \cdot 3187 \cdot 20161 \cdot 595057 \cdot 11597263 \cdot P_{30}, B_1 = 279$
941: $P_{30}^2 \Rightarrow 3 \cdot n, B_1 = 339; q^4, B_3 = 338$
943: $P_{26}^4 \Rightarrow 11 \cdot 191 \cdot n, B_1 = 334; q^6, B_2 = 305$
945: $p_{18}^4 \Rightarrow 31 \cdot 101 \cdot 371851 \cdot 60192071 \cdot P_{55}, B_1 = 288$
946: $P_{55}^2 \Rightarrow 3 \cdot n, B_1 = 397; q^4, B_2 = 438$
948: $p_{18}^6 \Rightarrow 43 \cdot 5783 \cdot 8368123 \cdot n, B_1 = 301; q^{10}, B_2 = 358$
950: $5419^{12} \Rightarrow 53 \cdot 12136610669 \cdot p_{33}, B_1 = 106$
951: $p_{33}^1 \Rightarrow p_{33}, B_1 = 171$
952: $p_{33}^2 \Rightarrow 3 \cdot 283 \cdot 38593 \cdot 504073 \cdot 155088217 \cdot 2326175857 \cdot P_{35}, B_1 = 301$
953: $p_{33}^4 \Rightarrow 31 \cdot 271 \cdot n, B_1 = 372; q^6, B_2 = 392$
955: $p_{33}^2 \Rightarrow 3 \cdot 34841260183 \cdot 27297408464401 \cdot P_{42}, B_1 = 257$
956: $P_{42}^2 \Rightarrow 3 \cdot n, B_1 = 340; q^4, B_3 = 340$
958: $p_{33}^4 \Rightarrow 11 \cdot 71 \cdot 131 \cdot 401 \cdot n, B_1 = 335; q^6, B_2 = 395$
960: $5419^{16} \Rightarrow 1327 \cdot 141101 \cdot 23665157 \cdot P_{45}, B_1 = 177$
961: $P_{45}^2 \Rightarrow 7 \cdot 35329210381 \cdot 29536701733910029 \cdot P_{61}, B_1 = 344; q^4, B_2 = 352$
963: $5419^{18} \Rightarrow 4561 \cdot 7487 \cdot P_{60}, B_1 = 203$
964: $P_{60}^2 \Rightarrow n, B_1 = 322; q^4, B_2 = 477$
966: $5419^{22} \Rightarrow 47 \cdot 461 \cdot 389437 \cdot 33124683162614171799155896909 \cdot P_{44}, B_1 = 223$
967: $P_{44}^2 \Rightarrow 19 \cdot 439 \cdot n, B_1 = 314; q^4, B_2 = 349$
969: $5419^{28} \Rightarrow p_{105}, B_1 = 214$
970: $p_{105}^1 \Rightarrow 3 \cdot n, B_1 = 318; q^2, B_2 = 418$
972: $5419^{30} \Rightarrow 1489 \cdot 6263 \cdot 184390479319 \cdot p_{94}, B_1 = 247$
973: $p_{94}^1 \Rightarrow 3 \cdot 11 \cdot 13 \cdot 71 \cdot 283 \cdot 773 \cdot n, B_1 = 349; q^2, B_2 = 375$
975: $5419^{36} \Rightarrow p_{135}, B_1 = 274$
976: $p_{135}^1 \Rightarrow 11 \cdot n, B_1 = 409; q^2, B_2 = 537$
978: $5419^{40} \Rightarrow n, B_1 = 303; q^{42}, B_2 = 313$
980: $127^4 \Rightarrow 262209281, B_1 = 16$
981: $262209281^1 \Rightarrow 3 \cdot 3137 \cdot 13931, B_1 = 33$
982: $13931^2 \Rightarrow 194086693, B_1 = 49$
983: $194086693^2 \Rightarrow 3 \cdot 12277 \cdot 740989 \cdot 1380277, B_1 = 81$
984: $740989^2 \Rightarrow 3 \cdot 7 \cdot 151 \cdot 223 \cdot 776467, B_1 = 105$
985: $776467^2 \Rightarrow 3 \cdot 13 \cdot 79 \cdot 601 \cdot 325597, B_1 = 127$
986: $325597^2 \Rightarrow 3 \cdot 35337910669, B_1 = 149$

987: $35337910669^2 \Rightarrow 3 \cdot 13^2 \cdot 1831 \cdot 2196541 \cdot 612415423$, $B_1 = 188$
 988: $612415423^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot 43 \dots$, $S \ 3^8 \cdot 7^2 \cdot 13^4 \cdot 43^2 \cdot 79^2 \cdot 127^4 \cdot 151^2 \cdot 223^2 \cdot 601^2$
 989: $612415423^4 \Rightarrow 11 \dots$, $S \ 3^6 \cdot 7^2 \cdot 11^2 \cdot 13^4$
 990: $612415423^6 \Rightarrow 463 \cdot 673 \cdot 665300560792001 \cdot P_{33}$, $B_1 = 329$
 991: $612415423^{10} \Rightarrow 23 \dots$, $S \ 3^6 \cdot 7^2 \cdot 13^4 \cdot 23^2 \cdot 79^2$
 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: $p_{43}^2 \Rightarrow 7^2 \cdot 37 \dots$, $S \ 3^6 \cdot 7^4 \cdot 13^2 \cdot 37^2 \cdot 79^2 \cdot 127^4 \cdot 151^2$
 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: $325597^4 \Rightarrow 31 \cdot 41 \dots$, $S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 31^2 \cdot 41^2 \cdot 79^2$
 1002: $325597^6 \Rightarrow 1229576892433 \cdot P_{21}$, $B_1 = 216$
 1003: $P_{21}^2 \Rightarrow 3 \cdot 79 \cdot 37021 \cdot 253698001238600029 \cdot p_{18}$, $B_1 = 296$
 1004: $p_{18}^2 \Rightarrow 3 \cdot 7 \cdot 313 \cdot n$, $B_1 = 332$; q^4 , $B_3 = 331$
 1006: $P_{21}^4 \Rightarrow 11 \dots$, $S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 13^2$
 1007: P_{21}^6 , $B_3 = 300$
 1008: $325597^{10} \Rightarrow 23 \dots$, $S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 23^2 \cdot 79^2 \cdot 127^4$
 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: $p_{19}^4 \Rightarrow 5 \dots$, $S \ 3^4 \cdot 5^2 \cdot 7^2$
 1020: $p_{19}^6 \Rightarrow 7 \cdot n$, $B_1 = 405$; q^{10} , $B_3 = 370$
 1022: $p_{16}^4 \Rightarrow 5 \dots$, $S \ 3^4 \cdot 5^2 \cdot 7^2$
 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: $P_{30}^4 \Rightarrow 5 \dots$, $S \ 3^4 \cdot 5^2 \cdot 7^2$
 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: $p_{20}^2 \Rightarrow 3 \cdot 19^2 \dots$, $S \ 3^4 \cdot 5^2 \cdot 19^2 \cdot 41^2$
 1047: $p_{20}^4 \Rightarrow 5 \cdot 11 \cdot 31 \dots$, $S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$
 1048: p_{20}^6 , $B_3 = 339$
 1049: $858576981721^6 \Rightarrow 1373 \cdot 1709 \cdot 92492748013 \cdot 572384497005873700961 \cdot P_{34}$, $B_1 = 331$
 1050: $858576981721^{10} \Rightarrow n$, $B_1 = 355$

1051: $858576981721^{12} \Rightarrow 677 \cdot n, B_1 = 405; q^{16}, B_2 = 381$
1053: $740989^6 \Rightarrow 953 \cdot 34702823 \cdot p_{25}, B_1 = 175$
1054: $p_{25}^2 \Rightarrow 3 \cdot 179391613 \cdot 60645952897 \cdot p_{30}, B_1 = 274$
1055: $p_{30}^2 \Rightarrow 3 \cdot 103 \cdot 157 \cdot n, B_1 = 338; q^4, B_3 = 334$
1057: $p_{25}^4 \Rightarrow 11 \cdot n, B_1 = 324$
1058: $p_{25}^6 \Rightarrow 7 \cdot n, B_1 = 423; q^{10}, B_2 = 493$
1060: $740989^{10} \Rightarrow 89 \cdot 1013 \cdot 3301 \cdot P_{51}, B_1 = 246$
1061: $P_{51}^2 \Rightarrow 43 \cdot 61 \cdot 541 \cdot n, B_1 = 352; q^4, B_2 = 401$
1063: $740989^{12} \Rightarrow 53 \cdot 7886321 \cdot 34119047 \cdot 259445749212391185621804017 \cdot P_{28}, B_1 = 281$
1064: $P_{28}^2 \Rightarrow 3 \cdot n, B_1 = 337; q^4, B_3 = 337$
1066: $740989^{16} \Rightarrow 29717 \cdot 70687 \cdot 721868229748044436504851259 \cdot p_{58}, B_1 = 351$
1067: $740989^{18} \Rightarrow 56431 \cdot 481501514089 \cdot 7262413502401 \cdot p_{77}, B_1 = 387$
1068: $740989^{22} \Rightarrow 47 \cdot n, B_1 = 330; q^{28}, B_2 = 328$
1070: $194086693^4 \Rightarrow 11 \cdot 31 \cdot 91411 \cdot 297841 \cdot 817170061 \cdot 187039475551, B_1 = 132$
1071: $187039475551^2 \Rightarrow 3 \cdot 487 \cdot 3049 \cdot 4219 \cdot P_{13}, B_1 = 176$
1072: $P_{13}^2 \Rightarrow 3 \cdot 14737117 \cdot P_{17}, B_1 = 225$
1073: $P_{17}^2 \Rightarrow 3 \cdot 1669 \cdot P_{31}, B_1 = 292$
1074: $P_{31}^2 \Rightarrow 3 \cdot n, B_1 = 353; q^4, B_3 = 352$
1076: $P_{17}^4 \Rightarrow 41 \cdot n, B_1 = 328$
1077: $P_{17}^6 \Rightarrow n, B_1 = 394; q^{10}, B_3 = 360$
1079: $P_{13}^4 \Rightarrow 31 \cdot 191 \cdot 211 \cdot 50629781 \cdot P_{36}, B_1 = 296$
1080: $P_{36}^2 \Rightarrow 7 \cdot n, B_1 = 367; q^4, B_3 = 366$
1082: $P_{13}^6 \Rightarrow 29 \cdot 617 \cdot n, B_1 = 303$
1083: $P_{13}^{10} \Rightarrow 11 \cdot n, B_1 = 396$
1084: $P_{13}^{12} \Rightarrow n, B_1 = 446; q^{16}, B_2 = 392$
1086: $187039475551^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 31^2$
1087: $187039475551^6 \Rightarrow 43 \cdot 11725981 \cdot P_{59}, B_1 = 312$
1088: $187039475551^{10} \Rightarrow 89 \cdot 419 \cdot 683 \cdot n, B_1 = 342$
1089: $187039475551^{12} \Rightarrow n, B_1 = 380; q^{16}, B_2 = 360$
1091: $194086693^6 \Rightarrow 18195851983 \cdot 28621397146301 \cdot p_{27}, B_1 = 182$
1092: $p_{27}^2 \Rightarrow P_{53}, B_1 = 286$
1093: $P_{53}^2 \Rightarrow 3 \cdot 37 \cdot n, B_1 = 391; q^4, B_2 = 416$
1095: $p_{27}^4 \Rightarrow 5 \cdot 31^2 \cdot 181 \cdot n, B_1 = 341; q^6, B_2 = 312$
1097: $194086693^{10} \Rightarrow 89 \cdot 63689666745116809 \cdot P_{65}, B_1 = 281$
1098: $P_{65}^2 \Rightarrow 3 \cdot 7 \cdot 19 \cdot n, B_1 = 411; q^4, B_2 = 513$
1100: $194086693^{12} \Rightarrow 79 \cdot 157 \cdot 385940491 \cdot p_{87}, B_1 = 331$
1101: $194086693^{16} \Rightarrow 239 \cdot n, B_1 = 300$
1102: $194086693^{18} \Rightarrow n, B_1 = 331; q^{22}, B_2 = 364$
1104: $13931^4 \Rightarrow 5 \cdot 11 \cdot 491 \cdot p_{13}, B_1 = 74$
1105: $p_{13}^2 \Rightarrow 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1106: $p_{13}^4 \Rightarrow 5 \cdot 11 \cdot 151 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 127^4 \cdot 151^2 \cdot 491^2$
1107: $p_{13}^6 \Rightarrow 39719 \cdot p_{69}, B_1 = 268$
1108: $p_{69}^2 \Rightarrow n, B_1 = 405; q^4, B_2 = 546$
1110: $p_{13}^{10} \Rightarrow 23 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 23^2$
1111: $p_{13}^{12} \Rightarrow n, B_1 = 341; q^{16}, B_2 = 388$
1113: $13931^6 \Rightarrow 7 \cdot 3658159 \cdot p_{18}, B_1 = 99$
1114: $p_{18}^2 \Rightarrow 3 \cdot 109 \cdot 6178241683 \cdot P_{23}, B_1 = 168$
1115: $P_{23}^2 \Rightarrow 3 \cdot 13 \cdot 61507 \cdot p_{39}, B_1 = 258$
1116: $p_{39}^2 \Rightarrow 3 \cdot 31 \cdot n, B_1 = 337; q^4, B_3 = 336$
1118: $P_{23}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1119: $P_{23}^6 \Rightarrow 29 \cdot n, B_1 = 395; q^{10}, B_2 = 452$
1121: $p_{18}^4 \Rightarrow 31 \cdot 61 \cdot 38431 \cdot 394501 \cdot 6044981 \cdot 226379680511 \cdot P_{39}, B_1 = 273$
1122: $P_{39}^2 \Rightarrow n, B_1 = 350; q^4, B_3 = 350$
1124: $p_{18}^6 \Rightarrow 7 \cdot 43 \cdot 2269 \cdot 2857 \cdot c_{96}, B_1 = 281$

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: $13931^{18} \Rightarrow 761 \cdot 2243 \cdot 61637 \cdot 2278747 \cdot 6393083 \cdot 209267118578121698317 \cdot P_{31}, B_1 = 248$
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: $p_{13}^3 \Rightarrow 17443 \cdot 123152587, B_1 = 70$
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: $50738998441^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 13^2$
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: $p_{14}^4 \Rightarrow 5 \cdot 31 \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 31^2$
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: $52461511^2 \Rightarrow 3 \cdot 7 \cdot 31^2 \cdot 43 \dots, S \ 3^6 \cdot 7^4 \cdot 13^2 \cdot 31^2 \cdot 43^2$
1208: $52461511^4 \Rightarrow 5 \dots, S \ 3^6 \cdot 5^2 \cdot 7^2$
1209: $52461511^6 \Rightarrow 71 \dots, S \ 3^6 \cdot 7^2 \cdot 13^2 \cdot 43^2 \cdot 61^2 \cdot 71^2 \cdot 127^4$
1210: $52461511^{10}, B_3 = 318$
1211: $9034453^4 \Rightarrow 8252681 \cdot 91123391 \cdot P_{13}, B_1 = 298$
1212: $P_{13}^2 \Rightarrow 7 \cdot 79 \dots, S \ 3^4 \cdot 7^4 \cdot 13^2 \cdot 43^2 \cdot 61^2 \cdot 79^2 \cdot 127^4$
1213: $P_{13}^4, B_3 = 324$
1214: $9034453^6 \Rightarrow 7 \cdot 29 \dots, S \ 3^4 \cdot 7^4 \cdot 13^2 \cdot 29^2 \cdot 43^2$
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: $p_{13}^2 \Rightarrow 19 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^2 \cdot 41^2$
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: $p_{28}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
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: $33425173^{10} \Rightarrow 11 \cdot 23 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13^2 \cdot 23^2$
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: $P_{18}^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
1243: $P_{18}^6 \Rightarrow 29 \cdot 71 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 29^2 \cdot 61^2 \cdot 71^2$
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: $p_{18}^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5 \cdot 7^2$
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: $207837725713^6 \Rightarrow 71 \cdot 113 \cdot 232575869 \cdot 39384904021 \cdot p_{46}, B_1 = 295$

1259: $p_{46}^1 \Rightarrow 3^3 \cdot 5 \dots, S \ 3^6 \cdot 5^2 \cdot 7^2$
1260: $p_{46}^2, B_3 = 329$
1261: $207837725713^{10} \Rightarrow 23 \cdot 89 \cdot n, B_1 = 357$
1262: $207837725713^{12} \Rightarrow 53 \cdot n, B_1 = 400; q^{16}, B_2 = 362$
1264: $P_{13}^4 \Rightarrow 11 \cdot 31 \cdot 103737625617657751921 \cdot p_{29}, B_1 = 208$
1265: $p_{29}^1 \Rightarrow 18709373720857 \cdot P_{15}, B_1 = 263$
1266: $P_{15}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13^2 \cdot 31^2$
1267: $P_{15}^4 \Rightarrow 11^3 \cdot n, B_1 = 349; q^6, B_3 = 321$
1269: $p_{29}^2 \Rightarrow 3 \cdot 13 \cdot 313 \cdot 409 \cdot 27583 \cdot 493616224077391 \cdot p_{31}, B_1 = 315$
1270: $p_{29}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 11^2 \cdot 13^2$
1271: $p_{29}^6, B_2 = 337$
1272: $P_{13}^6 \Rightarrow 937049 \cdot 2183063 \cdot 141483161 \cdot P_{56}, B_1 = 303$
1273: $P_{13}^{10} \Rightarrow 89 \cdot 881 \cdot n, B_1 = 335; q^{12}, B_2 = 303$
1275: $p_{13}^4 \Rightarrow 5 \cdot p_{50}, B_1 = 135$
1276: $p_{50}^1 \Rightarrow 7^2 \cdot 722024029 \cdot 837591158108519 \cdot P_{25}, B_1 = 232$
1277: $P_{25}^2 \Rightarrow 866896609414818462553 \cdot p_{28}, B_1 = 329$
1278: $P_{25}^4 \Rightarrow 31 \cdot n, B_1 = 378; q^6, B_3 = 329$
1280: $p_{50}^2 \Rightarrow 3 \cdot c_{100}, B_1 = 284$
1281: $3^2 \Rightarrow 13, B_1 = 284$
1282: $13^1 \Rightarrow 7, S \ 3^2 \cdot 5^2 \cdot 7^2$
1283: $13^2 \Rightarrow 3 \cdot 61, B_1 = 287$
1284: $61^1 \Rightarrow 31, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 31^2$
1285: $61^2 \Rightarrow 3 \cdot 13 \cdot 97, S \ 3^4 \cdot 5 \cdot 13^4 \cdot 61^2 \cdot 97^2 \cdot 127^4$
1286: $61^4 \Rightarrow 5 \cdot 131 \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 61^4 \cdot 127^4 \cdot 131^2$
1287: $61^6 \Rightarrow n, B_1 = 305; q^{10}, B_3 = 302$
1289: $13^4 \Rightarrow 30941, B_1 = 292$
1290: $30941^1 \Rightarrow 3^4 \dots, S \ 3^6 \cdot 5^2 \cdot 13^4$
1291: $30941^2 \Rightarrow 157 \cdot 433 \cdot n, B_1 = 307; q^4, B_3 = 304$
1293: $13^6 \Rightarrow 5229043, B_1 = 302$
1294: $13^{10} \Rightarrow 23 \cdot 419 \cdot 859 \cdot n, B_1 = 311$
1295: $13^{12} \Rightarrow 53 \cdot n, B_1 = 309; q^{16}, B_3 = 300$
1297: $3^4 \Rightarrow 11^2, S \ 3^4 \cdot 5 \cdot 11^2 \cdot 13^2$
1298: $3^6 \Rightarrow 1093, B_1 = 290$
1299: $1093^1 \Rightarrow \dots, S \ 3^6 \cdot 5^2 \cdot 13^2$
1300: $1093^2 \Rightarrow 3 \cdot 398581, B_1 = 298$
1301: $398581^1 \Rightarrow \dots, S \ 3^6 \cdot 5^2 \cdot 13^2$
1302: $398581^2, B_3 = 303$
1303: $1093^4 \Rightarrow 11 \dots, S \ 3^6 \cdot 5 \cdot 11^2 \cdot 13^2$
1304: $1093^6, B_3 = 304$
1305: $3^{10} \Rightarrow 23 \dots, S \ 3^{10} \cdot 5 \cdot 13^2 \cdot 23^2$
1306: $3^{12} \Rightarrow 797161, B_1 = 296$
1307: $797161^1 \Rightarrow \dots, S \ 3^{12} \cdot 5^2 \cdot 13^2$
1308: $797161^2, B_3 = 300$
1309: $3^{16} \Rightarrow 1871 \cdot 34511, B_1 = 306$
1310: $3^{18} \Rightarrow n, B_1 = 300$
1311: $3^{22} \Rightarrow 47 \dots, S \ 3^{22} \cdot 5 \cdot 13^2 \cdot 47^2 \cdot 127^4$
1312: $3^{28} \Rightarrow 59 \cdot n, B_1 = 311$
1313: $3^{30} \Rightarrow 683 \cdot n, B_1 = 314; q^{36}, B_3 = 300$
1315: $p_{50}^4, B_2 = 398$
1316: $p_{13}^6 \Rightarrow 1373 \cdot 4864217 \cdot P_{66}, B_1 = 254$
1317: $P_{66}^2 \Rightarrow 3 \cdot n, B_1 = 386; q^4, B_2 = 527$
1319: $p_{13}^{10} \Rightarrow 2311 \cdot 5237 \cdot 4140821200993783967 \cdot n, B_1 = 308; q^{12}, B_2 = 303$
1321: $262209281^4 \Rightarrow 5 \cdot 11 \cdot 421 \cdot 14621 \cdot 6579701 \cdot 477869921 \cdot 4440731591, B_1 = 100$
1322: $4440731591^2 \Rightarrow 7 \cdot 31 \cdot 79 \cdot 6199 \cdot 75181 \cdot 2468269, B_1 = 139$

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: $5023^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
1326: $5023^4 \Rightarrow 12641 \cdot 50368353121, B_1 = 199$
1327: $50368353121^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
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: $P_{17}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
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: $P_{20}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
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: $5023^{18} \Rightarrow 229 \cdot 457 \cdot 7411 \cdot 134266511182037115917597 \cdot P_{35}, B_1 = 355$
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: $5821^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
1358: $5821^4 \Rightarrow 5 \cdot p_{15}, B_1 = 218$
1359: $p_{15}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^4 \cdot 7^2$
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: $P_{35}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
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: $804970027^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
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: $9566159^6 \Rightarrow 7 \cdot 29 \cdot 43 \cdot 71 \cdot 197 \cdot 2423 \cdot 132353907849661 \cdot p_{17}, B_1 = 297$

1388: $p_{17}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
1389: $p_{17}^4, B_3 = 330$
1390: $9566159^{10} \Rightarrow n, B_1 = 319$
1391: $9566159^{12} \Rightarrow n, B_1 = 347$
1392: $9566159^{16} \Rightarrow 103 \cdot 919 \cdot n, B_1 = 408; q^{18}, B_3 = 305$
1394: $953^{10} \Rightarrow 67 \cdot p_{28}, B_1 = 234$
1395: $p_{28}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1396: $p_{28}^4 \Rightarrow 181 \cdot n, B_1 = 404; q^6, B_3 = 346$
1398: $953^{12} \Rightarrow 3865993 \cdot 45023074943939 \cdot P_{16}, B_1 = 252$
1399: $P_{16}^2 \Rightarrow 7^2 \cdot 19 \cdot 61 \cdot P_{27}, B_1 = 312$
1400: $P_{16}^4 \Rightarrow 11 \cdot 31 \cdot 41 \cdot n, B_1 = 344; q^6, B_3 = 314$
1402: $953^{16} \Rightarrow 17 \cdot 443 \cdot 647 \cdot 5849 \cdot 83492628361 \cdot p_{27}, B_1 = 287$
1403: $p_{27}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1404: $p_{27}^4, B_3 = 340$
1405: $953^{18} \Rightarrow 252017 \cdot P_{49}, B_1 = 305$
1406: $953^{22} \Rightarrow 967 \cdot 1979 \cdot 71347 \cdot 3065272797512561317481 \cdot p_{33}, B_1 = 341$
1407: $953^{28} \Rightarrow 59 \cdot n, B_1 = 313$
1408: $953^{30} \Rightarrow 311 \cdot n, B_1 = 326$
1409: $953^{36} \Rightarrow n, B_1 = 359$
1410: $953^{40} \Rightarrow 83 \cdot 821 \cdot n, B_1 = 387$
1411: $953^{42} \Rightarrow n, B_1 = 395$
1412: $953^{46} \Rightarrow n, B_1 = 418; q^{52}, B_2 = 309$
1414: $2468269^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
1415: $2468269^4 \Rightarrow 71 \cdot 3343771 \cdot p_{18}, B_1 = 194$
1416: $p_{18}^1 \Rightarrow p_{17}, B_1 = 228$
1417: $p_{17}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1418: $p_{17}^4 \Rightarrow 5 \cdot 11 \cdot 61 \cdot 571 \cdot 641 \cdot n, B_1 = 335$
1419: $p_{17}^6 \Rightarrow 29 \cdot n, B_1 = 398; q^{10}, B_3 = 363$
1421: $p_{18}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
1422: $p_{18}^4 \Rightarrow 5 \cdot 251 \cdot n, B_1 = 308$
1423: $p_{18}^6 \Rightarrow 29 \cdot 211 \cdot n, B_1 = 379; q^{10}, B_2 = 343$
1425: $2468269^6 \Rightarrow 5657 \cdot 5867 \cdot 84483869 \cdot 189565741 \cdot p_{15}, B_1 = 235$
1426: $p_{15}^1 \Rightarrow 3^2 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1427: $p_{15}^2 \Rightarrow 73 \cdot 127 \cdot 2719 \cdot 5160361 \cdot P_{16}, B_1 = 295$
1428: $P_{16}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
1429: $P_{16}^4, B_3 = 326$
1430: $p_{15}^4 \Rightarrow 5 \cdot 41 \cdot n, B_1 = 330; q^6, B_3 = 300$
1432: $2468269^{10} \Rightarrow 11 \cdot 89 \cdot p_{61}, B_1 = 263$
1433: $p_{61}^1 \Rightarrow 3^3 \cdot 5 \cdot 7 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
1434: $p_{61}^2, B_3 = 316$
1435: $2468269^{12} \Rightarrow 62011 \cdot 883561553239 \cdot p_{60}, B_1 = 305$
1436: $2468269^{16} \Rightarrow n, B_1 = 331$
1437: $2468269^{18} \Rightarrow 571 \cdot n, B_1 = 359$
1438: $2468269^{22} \Rightarrow 23 \cdot 47 \cdot n, B_1 = 410; q^{28}, B_2 = 357$
1440: $4440731591^4 \Rightarrow 5 \cdot 1145018551 \cdot P_{29}, B_1 = 195$
1441: $P_{29}^2 \Rightarrow 1783 \cdot 2287 \cdot 3079 \cdot 15979811371 \cdot p_{38}, B_1 = 282$
1442: $p_{38}^1 \Rightarrow 211 \cdot n, B_1 = 321; q^2, B_3 = 311$
1444: $P_{29}^4 \Rightarrow 5 \cdot 191 \cdot n, B_1 = 371; q^6, B_2 = 345$
1446: $4440731591^6 \Rightarrow 29 \cdot 20749 \cdot 374425927 \cdot 723397193 \cdot 18035954329 \cdot P_{25}, B_1 = 253$
1447: $P_{25}^2 \Rightarrow 3 \cdot 547 \cdot n, B_1 = 305; q^4, B_3 = 302$
1449: $4440731591^{10} \Rightarrow 23 \cdot 251483 \cdot 36565673 \cdot 518332453 \cdot c_{74}, B_1 = 297$
1450: $518332453^1 \Rightarrow 857 \cdot n, B_1 = 308$
1451: $518332453^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
1452: $518332453^4, B_3 = 314$

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: $307^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1473: $307^4 \Rightarrow 1051 \cdot 1621 \cdot 5231, B_1 = 67$
1474: $5231^2 \Rightarrow 7 \cdot 3909799, B_1 = 80$
1475: $3909799^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1476: $3909799^4 \Rightarrow 11 \cdot 11551 \cdot 5396621 \cdot 12881171 \cdot 26456251, B_1 = 146$
1477: $26456251^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1478: $26456251^4 \Rightarrow 5 \cdot 3331 \cdot 4219575775501 \cdot P_{13}, B_1 = 219$
1479: $P_{13}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
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: $P_{23}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1485: $P_{23}^4, B_3 = 310$
1486: $26456251^{10} \Rightarrow 23 \cdot 8273 \cdot 812598838384681859941 \cdot$
 $8406966922904649386761 \cdot P_{27}, B_1 = 354$
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: $P_{30}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
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: $p_{13}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
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: $P_{23}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
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: $P_{30}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5^4 \cdot 7^2$
1516: $P_{30}^4 \Rightarrow 5 \cdot 11^2 \cdot 191 \cdot n, B_1 = 393; q^6, B_2 = 348$
1518: $249216868661^6 \Rightarrow 29 \cdot 2591 \cdot 7477 \cdot 57054873221381281 \cdot p_{43}, B_1 = 285$

1519: $p_{43}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1520: $p_{43}^4, B_3 = 371$
1521: $249216868661^{10} \Rightarrow 67 \cdot 727 \cdot n, B_1 = 312$
1522: $249216868661^{12} \Rightarrow 79 \cdot n, B_1 = 355; q^{16}, B_2 = 364$
1524: $5231^6 \Rightarrow 71 \cdot P_{21}, B_1 = 126$
1525: $P_{21}^2 \Rightarrow 13 \cdot 37 \cdot 41733049 \cdot 714356221 \cdot 1122273091 \cdot P_{13}, B_1 = 208$
1526: $P_{13}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1527: $P_{13}^4 \Rightarrow 11 \cdot 61 \cdot 5486604124920311 \cdot p_{33}, B_1 = 335$
1528: $P_{13}^6 \Rightarrow n, B_1 = 335; q^{10}, B_3 = 310$
1530: $P_{21}^4 \Rightarrow 2093866321 \cdot 5427364741 \cdot 14301734311 \cdot$
 $16005366629952639535241 \cdot P_{31}, B_1 = 331$
1531: $P_{21}^6 \Rightarrow 7 \cdot 29 \cdot n, B_1 = 332; q^{10}, B_2 = 409$
1533: $5231^{10} \Rightarrow 4643 \cdot 42571 \cdot 376157629 \cdot p_{21}, B_1 = 171$
1534: $p_{21}^2 \Rightarrow 13 \cdot 769 \cdot 171103 \cdot 173200576419841 \cdot p_{18}, B_1 = 252$
1535: $p_{18}^2 \Rightarrow 3 \cdot 7^2 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
1536: $p_{18}^4 \Rightarrow 11 \cdot 31 \cdot n, B_1 = 358; q^6, B_3 = 321$
1538: $p_{21}^4 \Rightarrow 14916731 \cdot n, B_1 = 300$
1539: $p_{21}^6 \Rightarrow n, B_1 = 374; q^{10}, B_2 = 406$
1541: $5231^{12} \Rightarrow 40165725956981 \cdot p_{32}, B_1 = 193$
1542: $p_{32}^2 \Rightarrow 7 \cdot 1085669039899 \cdot 1519396126802341408605841 \cdot P_{25}, B_1 = 316$
1543: $p_{32}^4 \Rightarrow n, B_1 = 379; q^6, B_2 = 372$
1545: $5231^{16} \Rightarrow 103 \cdot 102001 \cdot 4295676266026987 \cdot p_{37}, B_1 = 238$
1546: $p_{37}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1547: $p_{37}^4, B_3 = 312$
1548: $5231^{18} \Rightarrow 647 \cdot 102065771429335433 \cdot 467508006752523853 \cdot P_{30}, B_1 = 260$
1549: $P_{30}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1550: $P_{30}^4, B_3 = 319$
1551: $5231^{22} \Rightarrow 47 \cdot 7304863405677157 \cdot 43248747173417336671 \cdot p_{45}, B_1 = 305$
1552: $5231^{28} \Rightarrow 504639335021 \cdot c_{93}, B_1 = 279$
1553: $504639335021^2 \Rightarrow 13 \cdot n, B_1 = 304; q^4, B_3 = 303$
1555: $5231^{30} \Rightarrow 1371193 \cdot c_{106}, B_1 = 289$
1556: $1371193^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1557: $1371193^4, B_3 = 301$
1558: $5231^{36} \Rightarrow 149^2 \cdot n, B_1 = 327$
1559: $5231^{40} \Rightarrow n, B_1 = 357; q^{42}, B_2 = 312$
1561: $307^6 \Rightarrow 659 \cdot P_{13}, B_1 = 82$
1562: $P_{13}^2 \Rightarrow 19 \cdot 211 \cdot 1220002291 \cdot 332144352187, B_1 = 130$
1563: $332144352187^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1564: $332144352187^4 \Rightarrow 31 \cdot 521 \cdot 45952001 \cdot 727656751 \cdot p_{26}, B_1 = 245$
1565: $p_{26}^2 \Rightarrow 7 \cdot 13 \cdot 43 \cdot 2293 \cdot 53543788027 \cdot n, B_1 = 309$
1566: $p_{26}^4 \Rightarrow 5 \cdot 11 \cdot 751 \cdot n, B_1 = 401; q^6, B_3 = 347$
1568: $332144352187^6 \Rightarrow 29^2 \cdot 71 \cdot 2756993 \cdot$
 $469018350676009 \cdot 162586799712313607 \cdot p_{27}, B_1 = 312$
1569: $332144352187^{10} \Rightarrow 331 \cdot n, B_1 = 340$
1570: $332144352187^{12} \Rightarrow n, B_1 = 384; q^{16}, B_2 = 368$
1572: $P_{13}^4 \Rightarrow 7151 \cdot 13257041891 \cdot 397488272866021 \cdot p_{20}, B_1 = 203$
1573: $p_{20}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1574: $p_{20}^4 \Rightarrow 5 \cdot n, B_1 = 321$
1575: $p_{20}^6 \Rightarrow 701 \cdot n, B_1 = 404; q^{10}, B_2 = 396$
1577: $P_{13}^6 \Rightarrow 7 \cdot 29 \cdot 127 \cdot 109103 \cdot 8061015987663283 \cdot p_{48}, B_1 = 270$
1578: $p_{48}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1579: $p_{48}^4, B_2 = 378$
1580: $P_{13}^{10} \Rightarrow 67 \cdot n, B_1 = 302$
1581: $P_{13}^{12} \Rightarrow 859 \cdot n, B_1 = 351; q^{16}, B_2 = 387$

1583: $307^{10} \Rightarrow 23 \cdot 26731 \cdot p_{20}, B_1 = 112$
1584: $p_{20}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1585: $p_{20}^4 \Rightarrow 431 \cdot 641320987258666820656916089591 \cdot p_{44}, B_1 = 302$
1586: $p_{20}^6 \Rightarrow 757 \cdot n, B_1 = 305; q^{10}, B_2 = 381$
1588: $307^{12} \Rightarrow 53 \cdot 131 \cdot 4967 \cdot p_{23}, B_1 = 123$
1589: $p_{23}^2 \Rightarrow 9133 \cdot 872023 \cdot 129022681 \cdot p_{27}, B_1 = 212$
1590: $p_{27}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1591: $p_{27}^4 \Rightarrow n, B_1 = 372; q^6, B_2 = 319$
1593: $p_{23}^4 \Rightarrow 5 \cdot 189961 \cdot c_{84}, B_1 = 262$
1594: $189961^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1595: $189961^4 \Rightarrow 5 \cdot 543971 \cdot P_{15}, B_1 = 314$
1596: $189961^6 \Rightarrow n, B_1 = 314; q^{10}, B_3 = 304$
1598: $p_{23}^6 \Rightarrow 71 \cdot 127^2 \cdot n, B_1 = 344; q^{10}, B_2 = 446$
1600: $307^{16} \Rightarrow 17 \cdot 16661 \cdot 36857 \cdot p_{30}, B_1 = 156$
1601: $p_{30}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1602: $p_{30}^4 \Rightarrow n, B_1 = 335; q^6, B_2 = 357$
1604: $307^{18} \Rightarrow 731729 \cdot 1716613 \cdot p_{33}, B_1 = 171$
1605: $p_{33}^2 \Rightarrow 733 \cdot 5571931 \cdot p_{56}, B_1 = 302$
1606: $p_{33}^4 \Rightarrow 5 \cdot n, B_1 = 367; q^6, B_2 = 392$
1608: $307^{22} \Rightarrow 47 \cdot 277 \cdot 864333607 \cdot p_{42}, B_1 = 201$
1609: $p_{42}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1610: $p_{42}^4, B_2 = 333$
1611: $307^{28} \Rightarrow 59 \cdot 233 \cdot 260363 \cdot 4529363517867197545540637533 \cdot p_{33}, B_1 = 246$
1612: $p_{33}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1613: $p_{33}^4, B_3 = 311$
1614: $307^{30} \Rightarrow 2972777 \cdot 8823703063775220217144216657 \cdot p_{41}, B_1 = 261$
1615: $p_{41}^2 \Rightarrow n, B_1 = 341; q^4, B_3 = 341$
1617: $307^{36} \Rightarrow 2015317 \cdot c_{84}, B_1 = 222$
1618: $2015317^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1619: $2015317^4 \Rightarrow p_{26}, B_1 = 285$
1620: $p_{26}^2 \Rightarrow 7 \cdot 103 \cdot n, B_1 = 337; q^4, B_3 = 336$
1622: $2015317^6 \Rightarrow 29 \cdot 88817 \cdot 30589995521 \cdot P_{21}, B_1 = 323$
1623: $2015317^{10} \Rightarrow 67 \cdot n, B_1 = 338$
1624: $2015317^{12} \Rightarrow n, B_1 = 361; q^{16}, B_3 = 311$
1626: $307^{40} \Rightarrow 1176070821574088700781571 \cdot P_{76}, B_1 = 335$
1627: $307^{42} \Rightarrow 743537495983 \cdot P_{93}, B_1 = 350$
1628: $307^{46} \Rightarrow 270157 \cdot 1106569 \cdot 6224681 \cdot p_{97}, B_1 = 380$
1629: $307^{52} \Rightarrow p_{130}, B_1 = 425$
1630: $307^{58} \Rightarrow n, B_1 = 326$
1631: $307^{60} \Rightarrow n, B_1 = 335; q^{66}, B_2 = 328$
1633: $162709^2 \Rightarrow 3 \cdot 8824793797, B_1 = 48$
1634: $8824793797^1 \Rightarrow 1831 \cdot 2409829, B_1 = 68$
1635: $2409829^2 \Rightarrow 3 \cdot 7 \cdot 65029 \cdot 4252519, B_1 = 90$
1636: $4252519^2 \Rightarrow 3 \cdot 67 \cdot 249541 \cdot 360541, B_1 = 117$
1637: $360541^2 \Rightarrow 3 \cdot 661 \cdot 2287 \cdot 28663, B_1 = 138$
1638: $28663^2 \Rightarrow 3 \cdot 19 \cdot 241 \cdot 59809, B_1 = 156$
1639: $59809^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^6 \cdot 7^2 \cdot 13^2 \cdot 19^2 \cdot 43^2$
1640: $59809^4 \Rightarrow 3361 \cdot p_{16}, B_1 = 204$
1641: $p_{16}^2 \Rightarrow 101991583 \cdot p_{24}, B_1 = 266$
1642: $p_{24}^2 \Rightarrow 3 \cdot n, B_1 = 312; q^4, B_3 = 312$
1644: $p_{16}^4 \Rightarrow 5 \dots, S \ 3^6 \cdot 5^2 \cdot 7^2$
1645: $p_{16}^6 \Rightarrow 29 \dots, S \ 3^6 \cdot 7^2 \cdot 19^2 \cdot 29^2 \cdot 43^2 \cdot 67^2 \cdot 127^6 \cdot 241^2$
1646: $p_{16}^{10}, B_3 = 328$
1647: $59809^6 \Rightarrow 7 \cdot 6217 \cdot p_{25}, B_1 = 232$

1648: $p_{25}^2 \Rightarrow 3 \cdot 331 \cdot 415358119850851 \cdot 588781777996879 \cdot P_{16}$, $B_1 = 328$
1649: $p_{25}^4 \Rightarrow n$, $B_1 = 377$; q^6 , $B_3 = 329$
1651: $59809^{10} \Rightarrow 23 \dots$, S $3^6 \cdot 7^2 \cdot 19^2 \cdot 23^2 \cdot 43^2 \cdot 67^2 \cdot 127^6$
1652: $59809^{12} \Rightarrow 1959156738108916190261 \cdot p_{37}$, $B_1 = 318$
1653: $59809^{16} \Rightarrow p_{77}$, $B_1 = 376$
1654: $59809^{18} \Rightarrow n$, $B_1 = 318$
1655: $59809^{22} \Rightarrow 47 \cdot 829 \cdot n$, $B_1 = 361$
1656: $59809^{28} \Rightarrow n$, $B_1 = 414$
1657: $59809^{30} \Rightarrow n$, $B_1 = 433$; q^{36} , $B_2 = 343$
1659: $28663^4 \Rightarrow 11551 \cdot 59471 \cdot 982600321$, $B_1 = 183$
1660: $982600321^2 \Rightarrow 3 \cdot 19 \cdot 67 \cdot 277 \cdot 82171 \cdot 11107231$, $B_1 = 215$
1661: $11107231^2 \Rightarrow 3 \cdot 7 \cdot 397 \cdot 49123 \cdot 301243$, $B_1 = 242$
1662: $301243^2 \Rightarrow 3 \cdot 37 \dots$, S $3^8 \cdot 7^4 \cdot 19^2 \cdot 37^2 \cdot 43^2 \cdot 67^2 \cdot 127^6 \cdot 277^2 \cdot 397^2$
1663: $301243^4 \Rightarrow 31 \cdot 41 \dots$, S $3^6 \cdot 7^4 \cdot 19^2 \cdot 31^2 \cdot 41^2 \cdot 43^2$
1664: $301243^6 \Rightarrow 29 \dots$, S $3^6 \cdot 7^4 \cdot 19^2 \cdot 29^2 \cdot 43^2 \cdot 67^2 \cdot 127^6$
1665: $301243^{10} \Rightarrow 23 \dots$, S $3^6 \cdot 7^4 \cdot 19^2 \cdot 23^2 \cdot 43^2 \cdot 67^2$
1666: $301243^{12} \Rightarrow 53 \cdot n$, $B_1 = 365$; q^{16} , $B_3 = 319$
1668: $11107231^4 \Rightarrow 5 \dots$, S $3^6 \cdot 5^2 \cdot 7^2$
1669: $11107231^6 \Rightarrow 898399517 \cdot 943031285323 \cdot P_{22}$, $B_1 = 328$
1670: $11107231^{10} \Rightarrow 23 \dots$, S $3^6 \cdot 7^2 \cdot 19^2 \cdot 23^2 \cdot 43^2 \cdot 67^2 \cdot 127^6$
1671: $11107231^{12} \Rightarrow 313 \cdot n$, $B_1 = 373$; q^{16} , $B_3 = 314$
1673: $982600321^4 \Rightarrow 5 \dots$, S $3^4 \cdot 5^2 \cdot 7^2$
1674: $982600321^6 \Rightarrow 29 \cdot 43 \cdot 152993 \cdot 2122662270947 \cdot P_{34}$, $B_1 = 323$
1675: $982600321^{10} \Rightarrow 23 \cdot 89 \cdot 419 \cdot n$, $B_1 = 351$
1676: $982600321^{12} \Rightarrow 13 \cdot 443 \cdot n$, $B_1 = 384$; q^{16} , $B_3 = 309$
1678: $28663^6 \Rightarrow 5773811 \cdot P_{20}$, $B_1 = 210$
1679: $P_{20}^2 \Rightarrow 193 \cdot 1479299004709783 \cdot P_{23}$, $B_1 = 289$
1680: $P_{23}^2 \Rightarrow 3 \cdot 7 \cdot 31 \cdot n$, $B_1 = 337$; q^4 , $B_3 = 335$
1682: $P_{20}^4 \Rightarrow 11 \dots$, S $3^4 \cdot 7^2 \cdot 11^2 \cdot 43^2 \cdot 67^2 \cdot 127^6$
1683: $P_{20}^6 \Rightarrow 7 \cdot 197 \cdot n$, $B_1 = 413$; q^{10} , $B_2 = 399$
1685: $28663^{10} \Rightarrow 502591 \cdot 2697552287 \cdot p_{30}$, $B_1 = 263$
1686: $p_{30}^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot 79 \dots$, S $3^6 \cdot 7^4 \cdot 13^2 \cdot 43^2 \cdot 67^2 \cdot 79^2 \cdot 127^6$
1687: p_{30}^4 , $B_3 = 322$
1688: $28663^{12} \Rightarrow 79 \cdot 1249 \cdot 37921573 \cdot 31042022051 \cdot 51701882187671 \cdot P_{17}$, $B_1 = 290$
1689: $P_{17}^2 \Rightarrow 3 \cdot 7 \cdot n$, $B_1 = 325$; q^4 , $B_3 = 323$
1691: $28663^{16} \Rightarrow 17 \cdot 30083039827 \cdot 3045719622747131980206259 \cdot p_{36}$, $B_1 = 343$
1692: $28663^{18} \Rightarrow 2758307 \cdot P_{74}$, $B_1 = 370$
1693: $28663^{22} \Rightarrow n$, $B_1 = 325$
1694: $28663^{28} \Rightarrow 59 \cdot 233 \cdot n$, $B_1 = 383$
1695: $28663^{30} \Rightarrow n$, $B_1 = 397$; q^{36} , $B_2 = 320$
1697: $360541^4 \Rightarrow 5 \dots$, S $3^4 \cdot 5^2 \cdot 7^2$
1698: $360541^6 \Rightarrow P_{34}$, $B_1 = 206$
1699: $P_{34}^2 \Rightarrow 3 \cdot P_{67}$, $B_1 = 338$
1700: $P_{34}^4 \Rightarrow 641 \cdot n$, $B_1 = 409$; q^6 , $B_2 = 400$
1702: $360541^{10} \Rightarrow 23 \cdot 67 \cdot 89 \cdot 71052879019 \cdot 77470452376495553 \cdot p_{23}$, $B_1 = 269$
1703: $p_{23}^2 \Rightarrow 3 \cdot 7 \cdot n$, $B_1 = 315$; q^4 , $B_3 = 314$
1705: $360541^{12} \Rightarrow 79 \cdot 8794206063733629787 \cdot 27127124677943042741 \cdot p_{27}$, $B_1 = 306$
1706: $360541^{16} \Rightarrow 324369317 \cdot p_{81}$, $B_1 = 373$
1707: $360541^{18} \Rightarrow n$, $B_1 = 306$
1708: $360541^{22} \Rightarrow 47 \cdot 277 \cdot 829 \cdot n$, $B_1 = 357$; q^{28} , $B_2 = 311$
1710: $4252519^4 \Rightarrow 311 \cdot 7681 \cdot 19441 \cdot 128351 \cdot 54864211481$, $B_1 = 157$
1711: $54864211481^2 \Rightarrow 7 \cdot 223 \cdot 277 \cdot P_{16}$, $B_1 = 200$
1712: $P_{16}^2 \Rightarrow 3 \cdot 140071 \cdot 193444878199 \cdot P_{15}$, $B_1 = 263$
1713: $P_{15}^2 \Rightarrow 3 \cdot 7 \cdot 1350244511299 \cdot P_{17}$, $B_1 = 320$

1714: $P_{15}^4 \Rightarrow 11 \cdot n, B_1 = 353; q^6, B_3 = 322$
1716: $P_{16}^4 \Rightarrow 18671 \cdot P_{60}, B_1 = 358$
1717: $P_{16}^6 \Rightarrow n, B_1 = 358; q^{10}, B_3 = 326$
1719: $54864211481^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1720: $54864211481^6 \Rightarrow 953 \cdot P_{62}, B_1 = 329$
1721: $54864211481^{10} \Rightarrow 23 \cdot 397 \cdot n, B_1 = 354$
1722: $54864211481^{12} \Rightarrow 13 \cdot 53 \cdot 547 \cdot n, B_1 = 399; q^{16}, B_2 = 343$
1724: $4252519^6 \Rightarrow 71 \cdot 84449 \cdot 13342393 \cdot P_{26}, B_1 = 197$
1725: $P_{26}^2 \Rightarrow 3 \cdot 19 \cdot 73 \cdot p_{49}, B_1 = 300$
1726: $P_{26}^4 \Rightarrow 11^2 \cdot 661 \cdot n, B_1 = 355; q^6, B_2 = 310$
1728: $4252519^{10} \Rightarrow 23 \cdot 119131 \cdot 4721334526889791537 \cdot 33789365074868472763 \cdot P_{22}, B_1 = 276$
1729: $P_{22}^2 \Rightarrow 3 \cdot 13 \cdot 37 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 23^2 \cdot 37^2$
1730: $P_{22}^4, B_3 = 319$
1731: $4252519^{12} \Rightarrow 10065936397983470907963763 \cdot$
 $266006663113266106863268763 \cdot p_{29}, B_1 = 316$
1732: $4252519^{16} \Rightarrow 103 \cdot 1361 \cdot 7481 \cdot 3142757 \cdot n, B_1 = 305$
1733: $4252519^{18} \Rightarrow 229 \cdot n, B_1 = 318$
1734: $4252519^{22} \Rightarrow 47 \cdot n, B_1 = 371; q^{28}, B_2 = 371$
1736: $2409829^4 \Rightarrow 11 \cdot P_{25}, B_1 = 131$
1737: $P_{25}^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13^2 \cdot 43^2$
1738: $P_{25}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1739: $P_{25}^6 \Rightarrow 197 \cdot n, B_1 = 379; q^{10}, B_2 = 489$
1741: $2409829^6 \Rightarrow 29 \cdot 127 \cdot 9157 \cdot p_{31}, B_1 = 165$
1742: $p_{31}^2 \Rightarrow 313 \cdot 709 \cdot 18307 \cdot 14643930247 \cdot 50241311287 \cdot 15511794835249 \cdot p_{18}, B_1 = 289$
1743: $p_{18}^2 \Rightarrow 3 \cdot 7 \cdot n, B_1 = 323; q^4, B_3 = 324$
1745: $p_{31}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1746: $p_{31}^6, B_2 = 369$
1747: $2409829^{10} \Rightarrow 23 \cdot 67 \cdot 2707 \cdot p_{58}, B_1 = 246$
1748: $p_{58}^2 \Rightarrow 3 \cdot 7 \cdot 307 \cdot n, B_1 = 362; q^4, B_2 = 457$
1750: $2409829^{12} \Rightarrow 131 \cdot 94771 \cdot p_{70}, B_1 = 285$
1751: $p_{70}^2 \Rightarrow 7 \cdot 61 \cdot n, B_1 = 424; q^4, B_2 = 555$
1753: $2409829^{16} \Rightarrow 26723797 \cdot 74251649 \cdot p_{87}, B_1 = 361$
1754: $2409829^{18} \Rightarrow 457 \cdot 1483 \cdot 231877 \cdot 672943 \cdot n, B_1 = 302$
1755: $2409829^{22} \Rightarrow 139 \cdot 829 \cdot n, B_1 = 341; q^{28}, B_2 = 357$
1757: $8824793797^2 \Rightarrow 3 \cdot 61 \cdot p_{18}, B_1 = 79$
1758: $p_{18}^1 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1759: $p_{18}^2 \Rightarrow 3 \cdot 13 \cdot 31 \dots, S \ 3^4 \cdot 7^2 \cdot 13 \cdot 31^2 \cdot 43^2 \cdot 61^2$
1760: $p_{18}^4 \Rightarrow 11^2 \cdot 281 \cdot 182449830382866974413841 \cdot p_{43}, B_1 = 229$
1761: $p_{43}^1 \Rightarrow 3 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 43^2 \cdot 61^2 \cdot 127^6$
1762: $p_{43}^2 \Rightarrow n, B_1 = 333; q^4, B_2 = 341$
1764: $p_{18}^6 \Rightarrow 43 \cdot 1554379 \cdot c_{98}, B_1 = 273$
1765: $1554379^2 \Rightarrow 3 \cdot 181 \cdot 373 \cdot 11929039, B_1 = 298$
1766: $11929039^2 \Rightarrow 3 \cdot n, B_1 = 311; q^4, B_3 = 312$
1768: $1554379^4 \Rightarrow 31 \cdot 691 \cdot n, B_1 = 314$
1769: $1554379^6 \Rightarrow 7 \cdot n, B_1 = 334; q^{10}, B_3 = 322$
1771: $p_{18}^{10}, B_2 = 352$
1772: $8824793797^4 \Rightarrow 691 \cdot 941 \cdot 508821419651 \cdot p_{23}, B_1 = 135$
1773: $p_{23}^1 \Rightarrow 3^2 \cdot 17 \cdot 103 \cdot 1181 \cdot P_{15}, B_1 = 178$
1774: $P_{15}^2 \Rightarrow 7 \cdot 786645889 \cdot 2300865181 \cdot 19141890667, B_1 = 235$
1775: $19141890667^2 \Rightarrow 3 \cdot 7 \cdot 13 \dots, S \ 3^4 \cdot 7^4 \cdot 13^2 \cdot 17^2$
1776: $19141890667^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 17^2$
1777: $19141890667^6 \Rightarrow n, B_1 = 338; q^{10}, B_3 = 318$
1779: $P_{15}^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 17^2$
1780: $P_{15}^6 \Rightarrow n, B_1 = 325$

1781: $P_{15}^{10} \Rightarrow 23 \dots, S \ 3^4 \cdot 7^2 \cdot 17^2 \cdot 23^2 \cdot 43^2 \cdot 103^2 \cdot 127^6$
1782: $P_{15}^{12}, B_2 = 352$
1783: $p_{23}^2 \Rightarrow 7 \cdot 661 \cdot 1582381 \cdot 14933535113363089 \cdot p_{19}, B_1 = 227$
1784: $p_{19}^1 \Rightarrow 7 \cdot p_{18}, B_1 = 263$
1785: $p_{18}^2 \Rightarrow 3 \cdot 19 \cdot 70331254588753 \cdot P_{20}, B_1 = 331$
1786: $p_{18}^4 \Rightarrow n, B_1 = 367; q^6, B_3 = 332$
1788: $p_{19}^2 \Rightarrow 3 \cdot 13 \cdot 193 \cdot 373 \cdot 202999 \cdot 284841523 \cdot p_{17}, B_1 = 301$
1789: $p_{19}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
1790: $p_{19}^6, B_3 = 303$
1791: $p_{23}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
1792: $p_{23}^6 \Rightarrow 659 \cdot n, B_1 = 378; q^{10}, B_2 = 445$
1794: $8824793797^6 \Rightarrow 7 \cdot 239 \cdot 3851 \cdot 42323 \cdot 592057347953 \cdot 116446518124847 \cdot p_{23}, B_1 = 193$
1795: $p_{23}^1 \Rightarrow 3^2 \cdot 17 \cdot 4561 \cdot 16144897 \cdot 1114998887, B_1 = 237$
1796: $1114998887^2 \Rightarrow 7 \cdot 67 \cdot 1873 \cdot 492769 \cdot 2872069, B_1 = 273$
1797: $2872069^2 \Rightarrow 3 \cdot 7 \cdot 392799200611, B_1 = 296$
1798: $392799200611^2 \Rightarrow 3 \cdot n, B_1 = 320; q^4, B_3 = 319$
1800: $2872069^4 \Rightarrow n, B_1 = 311$
1801: $2872069^6 \Rightarrow 29 \cdot 71 \dots, S \ 3^4 \cdot 7^4 \cdot 17^2 \cdot 29^2 \cdot 43^2 \cdot 67^2 \cdot 71^2$
1802: $2872069^{10}, B_3 = 324$
1803: $1114998887^4 \Rightarrow 101 \cdot 271 \cdot 2011 \cdot 232750211 \cdot P_{21}, B_1 = 327$
1804: $1114998887^6 \Rightarrow 71^2 \cdot n, B_1 = 327; q^{10}, B_3 = 309$
1806: $p_{23}^2 \Rightarrow 163 \cdot 3195683246341 \cdot p_{31}, B_1 = 275$
1807: $p_{31}^1 \Rightarrow n, B_1 = 305$
1808: $p_{31}^2 \Rightarrow 3 \cdot 13 \cdot 31 \cdot 61 \cdot 499 \cdot n, B_1 = 360; q^4, B_3 = 353$
1810: $p_{23}^4 \Rightarrow 11 \cdot n, B_1 = 339$
1811: $p_{23}^6 \Rightarrow 7 \cdot n, B_1 = 429; q^{10}, B_2 = 448$
1813: $8824793797^{10} \Rightarrow 1123 \cdot 284131 \cdot 684058417682568259 \cdot p_{74}, B_1 = 264$
1814: $p_{74}^1 \Rightarrow 3 \cdot n, B_1 = 336; q^2, B_3 = 332$
1816: $8824793797^{12} \Rightarrow 13 \cdot 157 \cdot 281635841200039 \cdot P_{102}, B_1 = 391; q^{16}, B_2 = 318$
1818: $162709^4 \Rightarrow p_{21}, B_1 = 69$
1819: $p_{21}^1 \Rightarrow 3 \cdot 182713 \cdot p_{15}, B_1 = 110$
1820: $p_{15}^2 \Rightarrow 829 \cdot 3541 \cdot 14374663 \cdot 62478139 \cdot 155042347, B_1 = 169$
1821: $155042347^2 \Rightarrow 3 \cdot 37 \cdot 19309 \cdot 80173 \cdot 139891, B_1 = 201$
1822: $139891^2 \Rightarrow 3 \cdot 1579 \cdot 4131229, B_1 = 221$
1823: $4131229^2 \Rightarrow 3 \cdot 7 \cdot 33679 \cdot 24131269, B_1 = 245$
1824: $24131269^2 \Rightarrow 3 \cdot 4507 \cdot 30559 \cdot 1409329, B_1 = 275$
1825: $1409329^2 \Rightarrow 3 \cdot 73 \cdot 9069450409, B_1 = 298$
1826: $9069450409^2 \Rightarrow 3 \cdot n, B_1 = 319; q^4, B_3 = 318$
1828: $1409329^4 \Rightarrow 11 \dots, S \ 3^6 \cdot 7^2 \cdot 11^2 \cdot 37^2 \cdot 43^2$
1829: $1409329^6 \Rightarrow 29 \cdot 43 \cdot 113 \cdot n, B_1 = 338; q^{10}, B_3 = 324$
1831: $24131269^4 \Rightarrow 3232397801 \cdot p_{21}, B_1 = 319$
1832: $24131269^6 \Rightarrow 7 \cdot n, B_1 = 320; q^{10}, B_3 = 304$
1834: $4131229^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 37^2 \cdot 43^2$
1835: $4131229^6 \Rightarrow 43 \cdot 39719 \cdot 330877 \cdot 24681876437 \cdot P_{18}, B_1 = 324$
1836: $4131229^{10} \Rightarrow 67 \cdot 199 \cdot n, B_1 = 345$
1837: $4131229^{12} \Rightarrow n, B_1 = 367; q^{16}, B_3 = 314$
1839: $139891^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1840: $139891^6 \Rightarrow 29 \cdot 127 \cdot 48091 \cdot p_{23}, B_1 = 279$
1841: $p_{23}^2 \Rightarrow 19 \cdot 313 \cdot n, B_1 = 328; q^4, B_3 = 324$
1843: $139891^{10} \Rightarrow 67 \cdot 2069 \cdot 197803 \cdot 852809 \cdot 3617989 \cdot n, B_1 = 316$
1844: $139891^{12} \Rightarrow 53 \cdot n, B_1 = 316$
1845: $139891^{16} \Rightarrow n, B_1 = 355$
1846: $139891^{18} \Rightarrow n, B_1 = 376; q^{22}, B_3 = 304$
1848: $155042347^4 \Rightarrow 11 \cdot 251 \cdot 641 \cdot 941 \cdot p_{24}, B_1 = 251$

1849: $p_{24}^2 \Rightarrow 7 \cdot 13 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13^2 \cdot 43^2$
1850: $p_{24}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1851: $p_{24}^6, B_3 = 345$
1852: $155042347^6 \Rightarrow 29 \cdot 1597 \cdot 25453 \cdot 1076307159383 \cdot P_{29}, B_1 = 300$
1853: $155042347^{10} \Rightarrow 67 \cdot n, B_1 = 318$
1854: $155042347^{12} \Rightarrow 53 \cdot n, B_1 = 351$
1855: $155042347^{16} \Rightarrow 17 \cdot n, B_1 = 416; q^{18}, B_3 = 300$
1857: $p_{15}^4 \Rightarrow 191 \cdot 37369771 \cdot 1476372844561 \cdot 256700032695258571 \cdot P_{20}, B_1 = 258$
1858: $P_{20}^2 \Rightarrow 50047 \cdot n, B_1 = 302$
1859: $P_{20}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1860: $P_{20}^6, B_3 = 337$
1861: $p_{15}^6 \Rightarrow 3948322687 \cdot 74757396408908627 \cdot 232837138842672543995677079 \cdot p_{36}, B_1 = 347$
1862: $p_{15}^{10} \Rightarrow 11 \cdot n, B_1 = 377; q^{12}, B_2 = 355$
1864: $p_{21}^2 \Rightarrow 19 \cdot 73 \cdot 63211 \cdot 19087279 \cdot p_{27}, B_1 = 146$
1865: $p_{27}^1 \Rightarrow 23 \cdot 25674676553 \cdot P_{15}, B_1 = 199$
1866: $P_{15}^2 \Rightarrow 3 \cdot 307 \cdot 1163431 \cdot P_{20}, B_1 = 256$
1867: $P_{20}^2 \Rightarrow 3 \cdot 7 \cdot 19 \cdot 4873161253641367 \cdot p_{22}, B_1 = 330$
1868: $P_{20}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
1869: $P_{20}^6, B_3 = 335$
1870: $P_{15}^4 \Rightarrow 11 \cdot 2011 \cdot 13841 \cdot 1418735551133321 \cdot p_{34}, B_1 = 343$
1871: $P_{15}^6 \Rightarrow 7 \cdot 43 \cdot 71 \cdot 113 \cdot n, B_1 = 344; q^{10}, B_3 = 314$
1873: $p_{27}^2 \Rightarrow 3 \cdot 19 \cdot 68239 \cdot 1196707 \cdot 600678877 \cdot P_{32}, B_1 = 267$
1874: $P_{32}^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot 19 \cdot n, B_1 = 331; q^4, B_3 = 330$
1876: $p_{27}^4 \Rightarrow 5 \cdot 41 \cdot n, B_1 = 329; q^6, B_2 = 317$
1878: $p_{21}^4 \Rightarrow 5 \cdot 31 \cdot 1091 \cdot 1721 \cdot 2398728935615388940981841 \cdot p_{51}, B_1 = 247$
1879: $p_{51}^1 \Rightarrow 37 \cdot 1021193837 \cdot n, B_1 = 308$
1880: $p_{51}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
1881: $p_{51}^4, B_2 = 404$
1882: $p_{21}^6 \Rightarrow 6287 \cdot 10711 \cdot n, B_1 = 301; q^{10}, B_2 = 416$
1884: $162709^6 \Rightarrow 7 \cdot 71 \cdot 5767237398301 \cdot P_{16}, B_1 = 106$
1885: $P_{16}^2 \Rightarrow 1814599 \cdot 9196436593 \cdot P_{16}, B_1 = 170$
1886: $P_{16}^2 \Rightarrow 3 \cdot 13 \cdot 73 \cdot 79 \cdot 868051231 \cdot P_{17}, B_1 = 231$
1887: $P_{17}^2 \Rightarrow 3 \cdot 13 \cdot 1903779341341 \cdot P_{20}, B_1 = 294$
1888: $P_{20}^2 \Rightarrow 3 \cdot 7^2 \cdot 13 \dots, S \ 3^4 \cdot 7^4 \cdot 13^4 \cdot 43^2 \cdot 71^2 \cdot 73 \cdot 79^2$
1889: $P_{20}^4, B_3 = 332$
1890: $P_{17}^4 \Rightarrow n, B_1 = 330$
1891: $P_{17}^6 \Rightarrow n, B_1 = 396; q^{10}, B_3 = 363$
1893: $P_{16}^4 \Rightarrow 11 \cdot 251 \cdot 361673794672711 \cdot P_{44}, B_1 = 324$
1894: $P_{16}^6 \Rightarrow 7 \cdot 29 \cdot n, B_1 = 326; q^{10}, B_2 = 307$
1896: $P_{16}^4 \Rightarrow 11 \cdot 22031 \cdot 14061661 \cdot p_{51}, B_1 = 226$
1897: $p_{51}^1 \Rightarrow 1721 \cdot 9049 \cdot 10139 \cdot 5264187869 \cdot P_{30}, B_1 = 327$
1898: $p_{51}^2 \Rightarrow 3 \cdot 151 \cdot 523 \cdot n, B_1 = 371; q^4, B_2 = 405$
1900: $P_{16}^6 \Rightarrow 7 \cdot 29 \cdot 71 \cdot 325602539627 \cdot P_{80}, B_1 = 356; q^{10}, B_2 = 316$
1902: $162709^{10} \Rightarrow P_{53}, B_1 = 178$
1903: $P_{53}^2 \Rightarrow 7 \cdot 19 \cdot 73 \cdot 241 \cdot 11509789 \cdot 19087279 \cdot 43505945101 \cdot n, B_1 = 307; q^4, B_2 = 416$
1905: $162709^{12} \Rightarrow 13 \cdot 303082859 \cdot P_{53}, B_1 = 210$
1906: $P_{53}^2 \Rightarrow 7^2 \cdot 157 \cdot 211 \cdot n, B_1 = 320; q^4, B_2 = 423$
1908: $162709^{16} \Rightarrow 103 \cdot 149218997 \cdot P_{74}, B_1 = 269$
1909: $P_{74}^2 \Rightarrow 3 \cdot 7 \cdot 19 \cdot n, B_1 = 416; q^4, B_2 = 585$
1911: $162709^{18} \Rightarrow 3307 \cdot 4637 \cdot 1326277 \cdot 1411283 \cdot 492609275393 \cdot 338220607644037 \cdot 14297636212139963 \cdot p_{32}, B_1 = 276$
1912: $p_{32}^1 \Rightarrow n, B_1 = 308$
1913: $p_{32}^2 \Rightarrow 3 \cdot n, B_1 = 358; q^4, B_3 = 358$

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: $P_{24}^4 \Rightarrow 131 \cdot 7378995740864801 \cdot$
 $6399129590496313895171 \cdot 9252646445749049400601 \cdot p_{31}, B_1 = 342$
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: $p_{14}^2 \Rightarrow 3 \cdot 19 \dots, S \ 3^6 \cdot 7^2 \cdot 19^2 \cdot 31^2 \cdot 61^2 \cdot 67^2 \cdot 103^2 \cdot 127^{12} \cdot 163^2$
1941: $p_{14}^4 \Rightarrow 11 \cdot 31 \dots, S \ 3^6 \cdot 7^2 \cdot 11^2 \cdot 31^2 \cdot 61^2$
1942: $p_{14}^6, B_3 = 323$
1943: $p_{17}^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
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: $P_{13}^{10} \Rightarrow 11 \cdot 23 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 23^2 \cdot 31^2$
1951: $P_{13}^{12} \Rightarrow 13 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 31^2 \cdot 61^2 \cdot 67^2$
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: $p_{14}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
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: $1686024841^6 \Rightarrow 4441529 \cdot 17892463 \cdot 2878078294614837427 \cdot P_{24}, B_1 = 274$
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: $p_{30}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
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: $174207697^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 13^2$
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: $P_{17}^2 \Rightarrow 19 \cdot 31 \cdot 199 \dots, S \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^2 \cdot 31^2 \cdot 127^{16} \cdot 199^2$
2011: $P_{17}^4, B_3 = 319$
2012: $1605961699^6 \Rightarrow 43 \cdot 113 \cdot 2241667 \cdot p_{46}, B_1 = 342$
2013: $1605961699^{10} \Rightarrow 11 \cdot 23 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13^2 \cdot 23^2$
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: $76126812043^6 \Rightarrow 29 \cdot 464213 \cdot 1244741 \cdot 11856323512164555904313 \cdot p_{30}, B_1 = 327$
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: $P_{18}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
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: $p_{15}^6 \Rightarrow 29 \cdot 127 \cdot 631 \cdot 31270714267899191 \cdot 503354853910630094320855979 \cdot P_{35}, B_1 = 310$
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: $p_{13}^2 \Rightarrow 3 \cdot 157 \cdot 1152324307 \cdot P_{15}, B_1 = 187$
2053: $P_{15}^2 \Rightarrow 3 \cdot 7 \cdot 13^2 \cdot 1315155379849 \cdot p_{13}, B_1 = 241$
2054: $p_{13}^2 \Rightarrow 3 \cdot 7^2 \cdot 13^2 \cdot p_{21}, B_1 = 287$
2055: $p_{21}^2 \Rightarrow 3 \cdot n, B_1 = 329; q^4, B_3 = 328$
2057: $p_{13}^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 13^2$
2058: $p_{13}^6 \Rightarrow n, B_1 = 367; q^{10}, B_3 = 342$
2060: $P_{15}^4 \Rightarrow 5 \cdot 6131 \cdot 2498395421 \cdot 2691232121 \cdot P_{34}, B_1 = 328$
2061: $P_{15}^6 \Rightarrow n, B_1 = 328; q^{10}, B_3 = 300$
2063: $p_{13}^4 \Rightarrow 11 \cdot 9825212755455186276352511 \cdot p_{26}, B_1 = 265$
2064: $p_{26}^2 \Rightarrow n, B_1 = 317; q^4, B_3 = 317$
2066: $p_{13}^6 \Rightarrow 337 \cdot 1296961051 \cdot 12320920126243 \cdot P_{53}, B_1 = 343$
2067: $p_{13}^{10} \Rightarrow 23 \cdot 397 \cdot n, B_1 = 373; q^{12}, B_2 = 310$
2069: $p_{24}^2 \Rightarrow 43 \cdot 307 \cdot 47713 \cdot P_{38}, B_1 = 191$
2070: $P_{38}^2 \Rightarrow 3 \cdot 7 \cdot 73 \cdot 181 \cdot 327823 \cdot 253227097 \cdot P_{56}, B_1 = 341; q^4, B_2 = 300$
2072: $p_{24}^4 \Rightarrow 5 \cdot 311 \cdot 16675531 \cdot p_{83}, B_1 = 263$
2073: $p_{83}^1 \Rightarrow 379 \cdot n, B_1 = 347; q^2, B_3 = 330$
2075: $p_{24}^6 \Rightarrow 7 \cdot 71 \cdot n, B_1 = 333; q^{10}, B_2 = 463$
2077: $127^{22} \Rightarrow p_{47}, B_1 = 92$
2078: $p_{47}^1 \Rightarrow 3 \cdot 11 \cdot 43 \cdot 92353 \cdot P_{38}, B_1 = 184$
2079: $P_{38}^2 \Rightarrow 7 \cdot 13 \cdot 19 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13^2 \cdot 19^2$
2080: $P_{38}^4, B_2 = 302$
2081: $p_{47}^2 \Rightarrow 7 \cdot 13 \cdot 31 \cdot 97 \cdot 1231 \cdot 119618327526605583793309 \cdot$
 $24225812900759759059658617 \cdot p_{36}, B_1 = 288$
2082: $p_{36}^1 \Rightarrow 191 \cdot n, B_1 = 325$
2083: $p_{36}^2 \Rightarrow 3 \cdot 19 \cdot 67 \dots, S \ 3^2 \cdot 7^2 \cdot 13 \cdot 19^2 \cdot 31^2 \cdot 67^2$
2084: $p_{36}^4, B_3 = 369$
2085: $p_{47}^4, B_2 = 370$
2086: $127^{28} \Rightarrow 59 \cdot 1454119 \cdot 36157263917 \cdot p_{41}, B_1 = 136$
2087: $p_{41}^1 \Rightarrow 3 \cdot 23 \cdot 8233 \cdot 4418831 \cdot 32614343323187 \cdot p_{15}, B_1 = 216$
2088: $p_{15}^2 \Rightarrow 13 \cdot 19 \cdot 37 \cdot 1528366755967 \cdot P_{13}, B_1 = 273$
2089: $P_{13}^2 \Rightarrow 3 \cdot 13 \cdot 164653 \cdot n, B_1 = 301$
2090: $P_{13}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 13^2$
2091: $P_{13}^6, B_3 = 322$
2092: $p_{15}^4 \Rightarrow 461 \cdot 571 \cdot n, B_1 = 307$
2093: $p_{15}^6 \Rightarrow 71 \cdot n, B_1 = 360; q^{10}, B_3 = 330$
2095: $p_{41}^2 \Rightarrow 7^2 \cdot 13 \cdot 103 \cdot p_{77}, B_1 = 260$
2096: $p_{77}^1 \Rightarrow 67 \cdot 73 \cdot 367 \cdot n, B_1 = 342; q^2, B_3 = 326$
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: $p_{60}^2 \Rightarrow 7 \cdot 43 \cdot n, B_1 = 373; q^4, B_2 = 475$
2103: $p_{64}^2 \Rightarrow 3 \cdot 229 \cdot n, B_1 = 316; q^4, B_2 = 504$
2105: $127^{36} \Rightarrow 149 \cdot 190074632153321 \cdot p_{60}, B_1 = 167$
2106: $p_{60}^1 \Rightarrow 5^2 \cdot 7 \cdot 347 \cdot 1759 \cdot 462672354357363085308173 \cdot p_{28}, B_1 = 284$
2107: $p_{28}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
2108: $p_{28}^4, B_3 = 339$
2109: $p_{60}^2 \Rightarrow 3 \cdot n, B_1 = 331; q^4, B_2 = 474$
2111: $127^{40} \Rightarrow 83 \cdot 99349069 \cdot P_{75}, B_1 = 244$
2112: $P_{75}^2 \Rightarrow 3 \cdot 109 \cdot n, B_1 = 395; q^4, B_2 = 593$
2114: $127^{42} \Rightarrow 947 \cdot c_{86}, B_1 = 179$
2115: $947^2 \Rightarrow 7 \cdot 277 \cdot 463, B_1 = 189$
2116: $463^2 \Rightarrow 3 \cdot 19 \cdot 3769, B_1 = 198$
2117: $3769^1 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
2118: $3769^2 \Rightarrow 3 \cdot 19 \cdot 109 \cdot 2287, B_1 = 210$

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: $2881717^4 \Rightarrow 11 \dots, S \ 3^6 \cdot 7^2 \cdot 11^2 \cdot 19^4$
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: $470359^{10} \Rightarrow 23 \dots, S \ 3^4 \cdot 7^2 \cdot 19^4 \cdot 23^2 \cdot 43^2 \cdot 109^2 \cdot 127^{42} \cdot 197^2$
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: $962983981^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
2134: $962983981^6, B_3 = 313$
2135: $7789^6 \Rightarrow 10067 \cdot 11299 \cdot 506479 \cdot 3876541733, B_1 = 300$
2136: $7789^{10} \Rightarrow 11 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 19^4$
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: $95483851^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
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: $P_{13}^2 \Rightarrow 3 \cdot 7 \cdot 13 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^4 \cdot 23^2$
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: $174169^1 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
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: $44365339^2 \Rightarrow 3 \cdot 7 \cdot 97 \cdot 103 \dots, S \ 3^8 \cdot 7^4 \cdot 19^4 \cdot 37 \cdot 73^2 \cdot 97^2 \cdot 103^2 \cdot 109^2 \cdot 127^{42} \cdot 277^2$
2166: $44365339^4 \Rightarrow 41 \dots, S \ 3^6 \cdot 7^4 \cdot 19^4 \cdot 37 \cdot 41^2 \cdot 73^2 \cdot 109^2 \cdot 127^{42}$
2167: $44365339^6, B_3 = 306$
2168: $534811^4 \Rightarrow 5 \dots, S \ 3^6 \cdot 5 \cdot 7^2$
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: $p_{24}^1 \Rightarrow 37 \dots, S \ 3^4 \cdot 7^2 \cdot 19^4 \cdot 29^2 \cdot 37^2 \cdot 109^2 \cdot 127^{42} \cdot 277^2 \cdot 463^2 \cdot 757^2$
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: $91801^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5 \cdot 7^2$
 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: $2574426391^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
 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: $p_{19}^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^4 \cdot 7^2 \cdot 13 \cdot 19^2 \cdot 29^2$
 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: $1110200569^1 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
 2214: $1110200569^2 \Rightarrow 3 \cdot 7 \cdot P_{17}, B_1 = 305$
 2215: $1110200569^4 \Rightarrow 11 \cdot 61 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 19^2 \cdot 61 \cdot 127^{42} \cdot 277^2$
 2216: $1110200569^6, B_3 = 307$
 2217: $1303315891^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
 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: $p_{16}^1 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
 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: $52274161^1 \Rightarrow 347 \cdot 75323, B_1 = 225$

2249: $75323^2 \Rightarrow 19 \cdot 8887 \cdot 33601, B_1 = 244$
2250: $33601^2 \Rightarrow 3 \cdot 13 \cdot 28950277, B_1 = 262$
2251: $28950277^2 \Rightarrow 3 \cdot 193 \cdot 3967 \cdot 364892299, B_1 = 291$
2252: $364892299^2 \Rightarrow 3 \cdot 7^3 \dots, S \ 3^4 \cdot 7^4 \cdot 13^2 \cdot 19^2 \cdot 127^{42}$
2253: $364892299^4, B_3 = 309$
2254: $28950277^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13^2 \cdot 19^2$
2255: $28950277^6 \Rightarrow 43 \cdot 113 \dots, S \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^2 \cdot 43^2 \cdot 113^2 \cdot 127^{42} \cdot 277^2$
2256: $28950277^{10}, B_3 = 322$
2257: $33601^4 \Rightarrow 5 \cdot 401 \cdot 36541 \cdot 17399105861, B_1 = 290$
2258: $17399105861^2 \Rightarrow 7 \cdot 109 \cdot n, B_1 = 311; q^4, B_3 = 310$
2260: $33601^6 \Rightarrow 7 \cdot 3109 \cdot 11579 \cdot P_{19}, B_1 = 315$
2261: $33601^{10} \Rightarrow n, B_1 = 326$
2262: $33601^{12} \Rightarrow 859 \cdot n, B_1 = 347; q^{16}, B_3 = 308$
2264: $75323^4 \Rightarrow 541 \cdot 26501 \cdot 61981 \cdot 36224141, B_1 = 274$
2265: $36224141^2 \Rightarrow 7 \cdot 73 \cdot 39397 \cdot 65179669, B_1 = 302$
2266: $36224141^4 \Rightarrow 5 \cdot 101 \cdot 911 \cdot n, B_1 = 325; q^6, B_3 = 304$
2268: $75323^6 \Rightarrow 421^2 \cdot 673 \cdot 6581 \cdot p_{18}, B_1 = 298$
2269: $p_{18}^2 \Rightarrow 37 \cdot n, B_1 = 334; q^4, B_3 = 332$
2271: $75323^{10} \Rightarrow 67 \cdot 397 \cdot n, B_1 = 317$
2272: $75323^{12} \Rightarrow 13 \cdot 53 \cdot n, B_1 = 335$
2273: $75323^{16} \Rightarrow 103 \cdot 443 \cdot n, B_1 = 376; q^{18}, B_3 = 303$
2275: $52274161^2 \Rightarrow 3 \cdot 7^2 \cdot p_{14}, B_1 = 234$
2276: $p_{14}^1 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
2277: $p_{14}^2 \Rightarrow 3 \cdot 61^2 \cdot 3906007879 \cdot P_{13}, B_1 = 293$
2278: $P_{13}^2 \Rightarrow 3 \cdot 13 \cdot 337 \cdot n, B_1 = 322; q^4, B_3 = 318$
2280: $p_{14}^4 \Rightarrow 11 \cdot 41 \cdot n, B_1 = 326$
2281: $p_{14}^6 \Rightarrow 211 \cdot 337 \cdot n, B_1 = 382; q^{10}, B_3 = 350$
2283: $52274161^4 \Rightarrow 5 \cdot 11 \cdot 31 \cdot 631 \cdot 72481 \cdot P_{20}, B_1 = 290$
2284: $P_{20}^2 \Rightarrow 7 \cdot 463 \cdot n, B_1 = 327; q^4, B_3 = 330$
2286: $52274161^6 \Rightarrow 26153 \cdot P_{42}, B_1 = 337$
2287: $52274161^{10} \Rightarrow 67 \cdot n, B_1 = 356$
2288: $52274161^{12} \Rightarrow 53 \cdot 131 \cdot n, B_1 = 388; q^{16}, B_3 = 323$
2290: $463^6 \Rightarrow 7 \cdot 71 \cdot p_{14}, B_1 = 219$
2291: $p_{14}^1 \Rightarrow 3^2 \cdot 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
2292: $p_{14}^2 \Rightarrow 8390311 \cdot 40711519 \cdot P_{13}, B_1 = 283$
2293: $P_{13}^2 \Rightarrow 3 \cdot 7^2 \cdot 13^2 \cdot 37 \cdot n, B_1 = 309; q^4, B_3 = 307$
2295: $p_{14}^4 \Rightarrow 11 \cdot 641 \cdot n, B_1 = 313$
2296: $p_{14}^6 \Rightarrow 7 \cdot 463 \cdot n, B_1 = 361; q^{10}, B_3 = 336$
2298: $463^{10} \Rightarrow 11 \cdot 23 \cdot 5479 \cdot 1546150189 \cdot 211677855071, B_1 = 257$
2299: $211677855071^2 \Rightarrow 7 \cdot 19 \cdot p_{21}, B_1 = 289$
2300: $p_{21}^1 \Rightarrow n, B_1 = 309; q^2, B_3 = 300$
2302: $211677855071^4 \Rightarrow 5 \cdot 31 \cdot n, B_1 = 327; q^6, B_3 = 302$
2304: $463^{12} \Rightarrow 313 \cdot 859 \cdot 12243815819 \cdot p_{17}, B_1 = 265$
2305: $p_{17}^1 \Rightarrow 3 \cdot 11 \cdot 1663303 \cdot 269117111, B_1 = 298$
2306: $269117111^2 \Rightarrow 7 \cdot 13 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13^2 \cdot 127^{42}$
2307: $269117111^4, B_3 = 314$
2308: $p_{17}^2 \Rightarrow 487 \cdot n, B_1 = 315; q^4, B_3 = 312$
2310: $463^{16} \Rightarrow 10847 \cdot 88129 \cdot 69432867826513 \cdot P_{20}, B_1 = 300$
2311: $463^{18} \Rightarrow 76001 \cdot 741457 \cdot 57366524707 \cdot P_{27}, B_1 = 324$
2312: $463^{22} \Rightarrow n, B_1 = 301$
2313: $463^{28} \Rightarrow n, B_1 = 333$
2314: $463^{30} \Rightarrow n, B_1 = 343$
2315: $463^{36} \Rightarrow 149 \cdot 223 \cdot n, B_1 = 380$
2316: $463^{40} \Rightarrow 83 \cdot 821 \cdot n, B_1 = 401$

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: $14046931^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
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: $494431081^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
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: $p_{17}^1 \Rightarrow 3 \cdot 5 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
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: $11850514321^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
 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: $127^{70} \Rightarrow 602822392038574869701 \cdot 63979665542255612936629 \cdot p_{104}, B_1 = 338; q^{72}, B_2 = 302$

2440: $19^2 \Rightarrow 127 \dots, D$
2441: $19^4 \Rightarrow 151 \cdot 911, B_1 = 15$
2442: $911^2 \Rightarrow 830833, B_1 = 21$
2443: $830833^1 \Rightarrow 127 \dots, D$
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: $2851^2 \Rightarrow 3 \cdot 7 \cdot 67 \dots, S \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^4 \cdot 61^2 \cdot 67^2 \cdot 151^2 \cdot 337^2$
2447: $2851^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 19^4$
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: $p_{18}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 19^4$
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: $P_{15}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 19^4$
2465: $P_{15}^6 \Rightarrow n, B_1 = 356; q^{10}, B_3 = 327$
2467: $28971231269^6 \Rightarrow 127 \dots, D$
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: $p_{25}^2 \Rightarrow 3 \cdot 31 \cdot 43 \cdot 223 \cdot 1498933666303391083 \cdot p_{25}, B_1 = 244$
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: $p_{33}^2 \Rightarrow 313 \cdot 18493 \cdot 99752055211293601 \cdot P_{42}, B_1 = 300$
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: $p_{33}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 19^4$
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: $2851^{28} \Rightarrow 59 \cdot 42236748294604141 \cdot 245733022013211511 \cdot p_{61}, B_1 = 335$
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: $p_{13}^2 \Rightarrow 3 \cdot 7916999731 \cdot P_{15}, B_1 = 232$

2505: $P_{15}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^8 \cdot 7^2 \cdot 13^2 \cdot 19^4 \cdot 31^2$
2506: $P_{15}^4 \Rightarrow 5 \dots, S \ 3^6 \cdot 5^2 \cdot 13^2$
2507: $P_{15}^6 \Rightarrow 29 \cdot n, B_1 = 377; q^{10}, B_3 = 346$
2509: $p_{13}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^6 \cdot 5^2 \cdot 11^2$
2510: $p_{13}^6 \Rightarrow n, B_1 = 307$
2511: $p_{13}^{10} \Rightarrow n, B_1 = 406; q^{12}, B_3 = 307$
2513: $p_{15}^4 \Rightarrow 41 \cdot 61 \cdot 2371 \cdot 35851 \cdot 219144781 \cdot p_{37}, B_1 = 270$
2514: $p_{37}^2 \Rightarrow 3 \cdot 283 \cdot n, B_1 = 346; q^4, B_3 = 344$
2516: $p_{15}^6 \Rightarrow 113 \cdot 82139 \cdot 226917925623061 \cdot p_{64}, B_1 = 358$
2517: $p_{15}^{10} \Rightarrow 89 \cdot n, B_1 = 388; q^{12}, B_2 = 339$
2519: $3927085741^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 13^2$
2520: $3927085741^6 \Rightarrow 29 \cdot 43 \cdot 953 \cdot p_{52}, B_1 = 248$
2521: $p_{52}^2 \Rightarrow 3 \cdot 13 \cdot n, B_1 = 349; q^4, B_2 = 411$
2523: $3927085741^{10} \Rightarrow P_{96}, B_1 = 363$
2524: $3927085741^{12} \Rightarrow 157 \cdot n, B_1 = 308; q^{16}, B_2 = 307$
2526: $108541^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 13^2$
2527: $108541^6 \Rightarrow 29 \cdot 197 \cdot 76511 \cdot 137117 \cdot p_{17}, B_1 = 155$
2528: $p_{17}^2 \Rightarrow 3 \cdot 139 \cdot P_{31}, B_1 = 221$
2529: $P_{31}^2 \Rightarrow 3 \cdot 193 \cdot P_{58}, B_1 = 341$
2530: $P_{31}^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 13^2$
2531: $P_{31}^6, B_2 = 363$
2532: $p_{17}^4 \Rightarrow 11 \cdot P_{65}, B_1 = 319$
2533: $p_{17}^6 \Rightarrow 7 \dots, S \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^4 \cdot 29^2 \cdot 61^2$
2534: $p_{17}^{10}, B_2 = 328$
2535: $108541^{10} \Rightarrow 23 \cdot 3733049 \cdot 588744487 \cdot 766390278611 \cdot p_{22}, B_1 = 215$
2536: $p_{22}^2 \Rightarrow 3 \cdot 76873 \cdot 2542879 \cdot 3037086319 \cdot p_{23}, B_1 = 302$
2537: $p_{22}^4 \Rightarrow n, B_1 = 346; q^6, B_3 = 302$
2539: $108541^{12} \Rightarrow 11987 \cdot 2841437 \cdot P_{50}, B_1 = 246$
2540: $P_{50}^2 \Rightarrow 3 \cdot 37 \cdot 199 \cdot n, B_1 = 350; q^4, B_2 = 399$
2542: $108541^{16} \Rightarrow 312971 \cdot 13688084491799 \cdot p_{62}, B_1 = 306$
2543: $108541^{18} \Rightarrow 647 \cdot 2270159 \cdot 1086804543082124057472375984599 \cdot p_{52}, B_1 = 336$
2544: $108541^{22} \Rightarrow 47 \cdot 5957090827287409 \cdot n, B_1 = 303$
2545: $108541^{28} \Rightarrow 523 \cdot n, B_1 = 349; q^{30}, B_2 = 302$
2547: $217081^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^4 \cdot 7^2 \cdot 13 \cdot 19^4 \cdot 61^2$
2548: $217081^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 13^2 \cdot 19^4 \cdot 61^2$
2549: $217081^6 \Rightarrow 29 \cdot 116235975405131 \cdot p_{17}, B_1 = 139$
2550: $p_{17}^1 \Rightarrow p_{17}, B_1 = 171$
2551: $p_{17}^2 \Rightarrow 3 \cdot 13 \cdot 16447729 \cdot p_{24}, B_1 = 233$
2552: $p_{24}^2 \Rightarrow 3 \cdot 76255772534144976481153 \cdot p_{24}, B_1 = 327$
2553: $p_{24}^4 \Rightarrow n, B_1 = 375; q^6, B_3 = 328$
2555: $p_{17}^4 \Rightarrow 421 \cdot 70921 \cdot 120691 \cdot 542826150631 \cdot 998125094891 \cdot P_{29}, B_1 = 333$
2556: $p_{17}^6 \Rightarrow 7 \cdot 29 \dots, S \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^4 \cdot 29^2 \cdot 61^2$
2557: $p_{17}^{10}, B_2 = 323$
2558: $p_{17}^2 \Rightarrow 3 \cdot 139 \cdot 5023 \cdot 233017007827 \cdot P_{16}, B_1 = 217$
2559: $P_{16}^2 \Rightarrow 3 \cdot 80761 \cdot 161683 \cdot p_{20}, B_1 = 261$
2560: $p_{20}^1 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 13^2$
2561: $p_{20}^2 \Rightarrow 3 \cdot 139 \cdot n, B_1 = 315; q^4, B_3 = 316$
2563: $P_{16}^4 \Rightarrow 41 \cdot n, B_1 = 310$
2564: $P_{16}^6 \Rightarrow n, B_1 = 370; q^{10}, B_3 = 339$
2566: $p_{17}^4 \Rightarrow 282833999975199879418122527387051 \cdot P_{34}, B_1 = 316$
2567: $p_{17}^6 \Rightarrow 7 \cdot 29 \dots, S \ 3^2 \cdot 7^2 \cdot 13 \cdot 19^4 \cdot 29^2 \cdot 61^2$
2568: $p_{17}^{10}, B_2 = 329$
2569: $217081^{10} \Rightarrow 37882063899817012922597 \cdot P_{31}, B_1 = 196$
2570: $P_{31}^2 \Rightarrow 3 \cdot 277 \cdot P_{59}, B_1 = 320$

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: $p_{55}^1 \Rightarrow 7^2 \cdot 43 \dots, S \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^4 \cdot 43^2 \cdot 53^2$
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: $2787959227^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^4 \cdot 7^2 \cdot 13 \cdot 19^4 \cdot 61^2$
2581: $2787959227^4, B_3 = 303$
2582: $8111291^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 13^2 \cdot 19^4 \cdot 61^2$
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: $861001^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5 \cdot 11^2 \cdot 13^2$
2589: $861001^6 \Rightarrow 7 \cdot 29 \dots, S \ 3^2 \cdot 7^2 \cdot 13 \cdot 19^4 \cdot 29^2 \cdot 61^2$
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: $306758461^2 \Rightarrow 3 \cdot 7 \cdot 13 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^4 \cdot 37^2$
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: $7070053^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot 43 \cdot 139 \dots, S \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^4 \cdot 43^2 \cdot 61 \cdot 139^2$
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: $131500009^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 19^4 \cdot 31^2$
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: $p_{45}^2 \Rightarrow 3 \cdot 7 \cdot 19 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13^2 \cdot 19^4$
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: $P_{25}^2 \Rightarrow 3 \cdot 7 \cdot 13 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13 \cdot 19^4$
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: $p_{27}^1 \Rightarrow 2111 \cdot P_{23}, B_1 = 263$

2639: $P_{23}^2 \Rightarrow 103 \cdot n, B_1 = 310; q^4, B_3 = 308$
 2641: $p_{27}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
 2642: $p_{27}^4 \Rightarrow 5 \cdot 71 \cdot 251 \cdot n, B_1 = 391; q^6, B_3 = 336$
 2644: $p_{16}^6 \Rightarrow 29 \cdot 211 \cdot 1471 \cdot 3571 \cdot 26705756827 \cdot P_{72}, B_1 = 326; q^{10}, B_2 = 307$
 2646: $830833^6 \Rightarrow 157920029 \cdot P_{28}, B_1 = 113$
 2647: $P_{28}^2 \Rightarrow 31 \cdot 331 \cdot 1999981393 \cdot p_{42}, B_1 = 189$
 2648: $p_{42}^1 \Rightarrow 5 \cdot 12377 \cdot p_{37}, B_1 = 271$
 2649: $p_{37}^2 \Rightarrow 3 \cdot 19 \cdot 79 \cdot 139 \dots, S \ 3^2 \cdot 5^2 \cdot 19^4 \cdot 31^2 \cdot 79^2 \cdot 139^2 \cdot 151^2$
 2650: $p_{37}^4, B_3 = 344$
 2651: $p_{42}^2 \Rightarrow 3 \cdot n, B_1 = 305; q^4, B_2 = 330$
 2653: $P_{28}^4 \Rightarrow 11 \cdot c_{109}, B_1 = 278$
 2654: $11^2 \Rightarrow 7 \cdot 19, B_1 = 280$
 2655: $7^2 \Rightarrow 3 \cdot 19, B_1 = 281$
 2656: $3^2 \Rightarrow 13, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13 \cdot 19^4$
 2657: $3^4 \Rightarrow 11^2, S \ 3^4 \cdot 7^2 \cdot 11^4 \cdot 19^4$
 2658: $3^k \Rightarrow \dots, S \ 3^k \cdot 7^2 \cdot 11^2 \cdot 19^4 \text{ for all } k \geq 6$
 2659: $7^4 \Rightarrow 2801, B_1 = 288$
 2660: $2801^1 \Rightarrow 3 \cdot 467, B_1 = 300$
 2661: $2801^2 \Rightarrow 37 \cdot 43 \cdot 4933, B_1 = 302$
 2662: $2801^4 \Rightarrow 5 \cdot n, B_1 = 310; q^6, B_3 = 302$
 2664: $7^6 \Rightarrow 29 \cdot 4733, B_1 = 294$
 2665: $4733^1 \Rightarrow 3^2 \dots, S \ 3^2 \cdot 7^6 \cdot 11^2 \cdot 19^4 \cdot 29^2$
 2666: $4733^2 \Rightarrow n, B_1 = 301; q^4, B_3 = 301$
 2668: $7^{10} \Rightarrow 1123 \cdot 293459, B_1 = 304$
 2669: $7^{12} \Rightarrow 16148168401, B_1 = 307$
 2670: $7^{16} \Rightarrow n, B_1 = 305$
 2671: $7^{18} \Rightarrow 419 \cdot n, B_1 = 311$
 2672: $7^{22} \Rightarrow 47 \cdot n, B_1 = 317; q^{28}, B_3 = 302$
 2674: $11^4 \Rightarrow 5 \cdot 3221, B_1 = 289$
 2675: $3221^1 \Rightarrow 3^2 \dots, S \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 19^4$
 2676: $3221^2 \Rightarrow 10378063, B_1 = 303$
 2677: $3221^4 \Rightarrow 5 \cdot 11 \cdot n, B_1 = 308; q^6, B_3 = 303$
 2679: $11^6 \Rightarrow 43 \cdot 45319, B_1 = 295$
 2680: $45319^2 \Rightarrow 127 \dots, D; q^4, B_3 = 304$
 2682: $11^{10} \Rightarrow 15797 \cdot 1806113, B_1 = 307$
 2683: $11^{12} \Rightarrow n, B_1 = 301$
 2684: $11^{16} \Rightarrow n, B_1 = 309$
 2685: $11^{18} \Rightarrow n, B_1 = 314$
 2686: $11^{22} \Rightarrow 829 \cdot n, B_1 = 325; q^{28}, B_3 = 305$
 2688: $P_{28}^6, B_2 = 327$
 2689: $830833^{10} \Rightarrow 23 \cdot 617 \cdot p_{56}, B_1 = 137$
 2690: $p_{56}^1 \Rightarrow 3 \cdot 37 \cdot 157 \cdot 4585127602420298137 \cdot p_{32}, B_1 = 247$
 2691: $p_{32}^2 \Rightarrow 3 \cdot 7 \cdot n, B_1 = 311; q^4, B_3 = 311$
 2693: $p_{56}^2 \Rightarrow n, B_1 = 300; q^4, B_2 = 440$
 2695: $830833^{12} \Rightarrow 9257 \cdot 57773 \cdot p_{63}, B_1 = 166$
 2696: $p_{63}^1 \Rightarrow 7 \cdot 83 \cdot 1097 \cdot 12413 \cdot 5820623 \cdot P_{46}, B_1 = 290$
 2697: $P_{46}^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot n, B_1 = 381; q^4, B_3 = 380$
 2699: $p_{63}^2 \Rightarrow 3 \cdot 67 \cdot n, B_1 = 350; q^4, B_2 = 498$
 2701: $830833^{16} \Rightarrow 953 \cdot 1123 \cdot 219437 \cdot 22812947 \cdot 616949907001 \cdot 307940520066469 \cdot p_{50}, B_1 = 249$
 2702: $p_{50}^1 \Rightarrow 5^2 \cdot 7801857533 \cdot n, B_1 = 309$
 2703: $p_{50}^2 \Rightarrow 3 \cdot 181 \cdot n, B_1 = 387; q^4, B_2 = 397$
 2705: $830833^{18} \Rightarrow 19 \cdot 10223 \cdot P_{102}, B_1 = 332$
 2706: $830833^{22} \Rightarrow 47 \cdot 489374311860471559 \cdot P_{111}, B_1 = 406; q^{28}, B_2 = 331$
 2708: $911^4 \Rightarrow 5 \cdot 11 \cdot 701 \cdot 17884211, B_1 = 42$

2709: $17884211^2 \Rightarrow 7 \cdot P_{14}, B_1 = 71$
2710: $P_{14}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
2711: $P_{14}^4 \Rightarrow 11 \cdot 140731 \cdot 3622746821 \cdot p_{39}, B_1 = 169$
2712: $p_{39}^3 \Rightarrow 3^2 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
2713: $p_{39}^2 \Rightarrow 37 \cdot 541 \cdot c_{74}, B_1 = 281$
2714: $541^1 \Rightarrow 271, B_1 = 292$
2715: $271^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
2716: $271^4 \Rightarrow 5 \cdot 251 \cdot n, B_1 = 309; q^6, B_3 = 302$
2718: $541^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
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: $P_{14}^6 \Rightarrow 36191 \cdot 989756710884044568697 \cdot P_{57}, B_1 = 271$
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: $P_{25}^2 \Rightarrow 3 \cdot 7^2 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
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: $P_{24}^4 \Rightarrow 5 \cdot 4795462929931 \cdot 1881052858013936791 \cdot 188088558675259524374171 \cdot P_{41}, B_1 = 349$
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: $P_{35}^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^2 \cdot 5 \cdot 11^2 \cdot 13^2$
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: $P_{65}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5 \cdot 11^2 \cdot 19^4$
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: $p_{83}^1 \Rightarrow 3^2 \cdot 19 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 19^4$
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: $P_{20}^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 19^4$
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: $p_{17}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^4 \cdot 7^2 \cdot 11^4 \cdot 19^4$
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: $P_{14}^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 7^4 \cdot 11^2 \cdot 19^4$
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: $p_{60}^1 \Rightarrow 3 \cdot 7 \cdot 19 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 19^4$
2776: $p_{60}^2, B_3 = 348$
2777: $p_{19}^6 \Rightarrow n, B_1 = 348; q^{10}, B_2 = 360$
2779: $72211650019^4 \Rightarrow 11^2 \cdot 31 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 19^4 \cdot 31^2$
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: $P_{13}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
2789: $P_{13}^4 \Rightarrow 191 \cdot n, B_1 = 342; q^6, B_3 = 314$
2791: $p_{33}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
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: $592226707^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^8 \cdot 7^2 \cdot 13^2 \cdot 19^4 \cdot 37^2$
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: $204296477131^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 19^4 \cdot 67^2 \cdot 151^2 \cdot 229^2$
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: $p_{25}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 19^4$
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: $p_{20}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 19^4$
2832: $p_{20}^6 \Rightarrow 7 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 19^4 \cdot 31^2$
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: $P_{44}^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^4 \cdot 37^2 \cdot 67^2$
2837: $P_{44}^4, B_3 = 381$
2838: $P_{26}^4 \Rightarrow 31 \cdot n, B_1 = 351; q^6, B_2 = 306$
2840: $291439^{10} \Rightarrow 23 \cdot 199 \cdot 2188033 \cdot 6822377 \cdot 7234264357 \cdot 3963485136931 \cdot P_{16}, B_1 = 262$

2841: $P_{16}^2 \Rightarrow 45589 \cdot 120782627947 \cdot P_{15}, B_1 = 323$
2842: $P_{16}^4 \Rightarrow n, B_1 = 354; q^6, B_3 = 323$
2844: $291439^{12} \Rightarrow 79 \cdot 509783 \cdot p_{58}, B_1 = 294$
2845: $p_{58}^2 \Rightarrow n, B_1 = 410; q^4, B_2 = 463$
2847: $291439^{16} \Rightarrow 105907746821 \cdot 223154913509896229423 \cdot P_{57}, B_1 = 360$
2848: $291439^{18} \Rightarrow 3850199 \cdot 3833104043 \cdot n, B_1 = 311$
2849: $291439^{22} \Rightarrow 691 \cdot n, B_1 = 341; q^{28}, B_2 = 306$
2851: $247174661801^2 \Rightarrow 7 \cdot 19 \cdot P_{21}, B_1 = 130$
2852: $P_{21}^2 \Rightarrow 3 \cdot 7 \cdot 283 \cdot 3308013439 \cdot p_{29}, B_1 = 194$
2853: $p_{29}^1 \Rightarrow 5^2 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
2854: $p_{29}^2 \Rightarrow 3 \cdot 7 \cdot 373 \cdot 2017 \cdot P_{49}, B_1 = 322$
2855: $p_{29}^4 \Rightarrow n, B_1 = 379; q^6, B_2 = 336$
2857: $P_{21}^4 \Rightarrow 5 \cdot 11 \cdot 101153235616801 \cdot 4334148639238921 \cdot P_{52}, B_1 = 332$
2858: $P_{21}^6 \Rightarrow 29 \cdot n, B_1 = 338; q^{10}, B_2 = 413$
2860: $247174661801^4 \Rightarrow 5 \cdot 31 \cdot 71 \cdot 5877181 \cdot p_{35}, B_1 = 177$
2861: $p_{35}^1 \Rightarrow 7 \cdot 2316843833 \cdot p_{25}, B_1 = 246$
2862: $p_{25}^2 \Rightarrow 37 \cdot 223 \cdot 12511 \cdot 7958833 \cdot P_{34}, B_1 = 343$
2863: $p_{25}^4 \Rightarrow 5 \cdot 11^2 \cdot n, B_1 = 391; q^6, B_3 = 343$
2865: $p_{35}^2 \Rightarrow 3 \cdot 179527 \cdot 275036918797 \cdot 63854322413437693 \cdot P_{36}, B_1 = 334$
2866: $p_{35}^4 \Rightarrow 5 \cdot n, B_1 = 409; q^6, B_2 = 417$
2868: $247174661801^6 \Rightarrow 7351 \cdot 1724059 \cdot 2170939 \cdot 396157790380625113 \cdot p_{35}, B_1 = 246$
2869: $p_{35}^1 \Rightarrow 5 \cdot 359 \cdot 1049 \cdot P_{28}, B_1 = 314$
2870: $p_{35}^2 \Rightarrow 3 \cdot n, B_1 = 332; q^4, B_3 = 331$
2872: $247174661801^{10} \Rightarrow 11 \cdot 23 \cdot 89 \cdot 1277 \cdot n, B_1 = 300$
2873: $247174661801^{12} \Rightarrow 131 \cdot n, B_1 = 340; q^{16}, B_2 = 364$
2875: $911^{12} \Rightarrow 13 \cdot 53 \cdot 937 \cdot 260670715787 \cdot P_{19}, B_1 = 113$
2876: $P_{19}^2 \Rightarrow 3 \cdot 7 \cdot 50378851 \cdot P_{28}, B_1 = 186$
2877: $P_{28}^2 \Rightarrow 3 \cdot 7 \cdot 67 \cdot 1609099 \cdot 280380019 \cdot P_{38}, B_1 = 293$
2878: $P_{38}^2 \Rightarrow 3 \cdot 19 \dots, S \ 3^4 \cdot 7^2 \cdot 13 \cdot 19^4 \cdot 53^2$
2879: $P_{38}^4, B_3 = 368$
2880: $P_{28}^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13 \cdot 19^4$
2881: $P_{28}^6, B_2 = 330$
2882: $P_{19}^4 \Rightarrow 11 \cdot 1372211 \cdot 4544606641 \cdot p_{57}, B_1 = 242$
2883: $p_{57}^1 \Rightarrow 3 \cdot 7 \cdot 19 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13^2 \cdot 19^4$
2884: $p_{57}^2 \Rightarrow 31 \cdot 37 \cdot n, B_1 = 404; q^4, B_2 = 450$
2886: $P_{19}^6 \Rightarrow 43 \cdot 10165373 \cdot n, B_1 = 300; q^{10}, B_2 = 365$
2888: $911^{16} \Rightarrow 1361 \cdot p_{45}, B_1 = 107$
2889: $p_{45}^1 \Rightarrow 3 \cdot 13 \cdot 23998554139504517 \cdot P_{26}, B_1 = 195$
2890: $P_{26}^2 \Rightarrow 3 \cdot 13 \cdot 307200330376916072323 \cdot p_{30}, B_1 = 295$
2891: $p_{30}^2 \Rightarrow 3 \cdot 7 \cdot 19 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^4 \cdot 151^2 \cdot 911^{16}$
2892: $p_{30}^4, B_3 = 355$
2893: $P_{26}^4 \Rightarrow 11 \cdot 61 \cdot 181 \cdot 701 \cdot n, B_1 = 358; q^6, B_2 = 311$
2895: $p_{45}^2 \Rightarrow 44089 \cdot P_{84}, B_1 = 323; q^4, B_2 = 353$
2897: $911^{18} \Rightarrow 3930569 \cdot 468590802170399 \cdot P_{33}, B_1 = 162$
2898: $P_{33}^2 \Rightarrow 3 \cdot 379 \cdot 727 \cdot 4951 \cdot 2363639964108032725891 \cdot P_{34}, B_1 = 290$
2899: $P_{34}^2 \Rightarrow 3 \cdot 7 \cdot 601 \cdot n, B_1 = 359; q^4, B_3 = 356$
2901: $P_{33}^4 \Rightarrow 11^2 \cdot n, B_1 = 354; q^6, B_2 = 384$
2903: $911^{22} \Rightarrow 47 \cdot 139 \cdot 134643482719 \cdot 4760268854260861 \cdot P_{35}, B_1 = 189$
2904: $P_{35}^2 \Rightarrow 7 \cdot 31 \cdot 43 \cdot 433 \cdot 2813612634029308019774959 \cdot p_{38}, B_1 = 304$
2905: $P_{35}^4 \Rightarrow 41 \cdot n, B_1 = 397; q^6, B_2 = 413$
2907: $911^{28} \Rightarrow 59 \cdot 47758213879603836313 \cdot P_{62}, B_1 = 238$
2908: $P_{62}^2 \Rightarrow n, B_1 = 361; q^4, B_2 = 491$
2910: $911^{30} \Rightarrow 683 \cdot 176887 \cdot p_{81}, B_1 = 195$
2911: $p_{81}^1 \Rightarrow 3^2 \cdot 7309 \cdot 326701 \cdot 42760723 \cdot$

$1258544235535299552766607 \cdot P_{39}, B_1 = 354; q^2, B_2 = 322$
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: $48071041^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^6 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 331^2 \cdot 409^2$
2942: $48071041^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
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: $P_{29}^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 13^2$
2946: $P_{29}^6, B_2 = 336$
2947: $48071041^{10} \Rightarrow 23 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 23^2$
2948: $48071041^{12} \Rightarrow 157 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 157^2 \cdot 331^2$
2949: $48071041^{16} \Rightarrow 103 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 103^2$
2950: $48071041^{18} \Rightarrow n, B_1 = 351; q^{22}, B_2 = 338$
2952: $800281^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
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: $p_{24}^2 \Rightarrow 3 \cdot 7 \cdot 31 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 31^2$
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: $p_{31}^4 \Rightarrow 71 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 71^2$
2964: $p_{31}^6, B_2 = 370$
2965: $800281^{12} \Rightarrow 13 \dots, S \ 3^4 \cdot 7^2 \cdot 13^4 \cdot 19^6 \cdot 331^2 \cdot 409^2 \cdot 701^2$
2966: $800281^{16} \Rightarrow 25953493 \cdot c_{88}, B_1 = 252$
2967: $25953493^2 \Rightarrow 3 \cdot 19441 \cdot 11549197141, B_1 = 281$
2968: $11549197141^2 \Rightarrow 3 \cdot 37 \dots, S \ 3^6 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 37^2$
2969: $11549197141^4, B_3 = 301$
2970: $25953493^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 13^2$
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: $800281^{22} \Rightarrow 47^2 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 47^2$
2975: $800281^{28}, B_2 = 330$

2976: $4099^4 \Rightarrow 765181 \cdot 369023021, B_1 = 89$
 2977: $369023021^2 \Rightarrow 13 \cdot 73 \cdot 487 \cdot 577 \cdot 643 \cdot 794191, B_1 = 124$
 2978: $794191^2 \Rightarrow 3 \cdot 307 \cdot 684842713, B_1 = 147$
 2979: $684842713^2 \Rightarrow 3 \cdot 7 \cdot 13 \dots, S \ 3^4 \cdot 7^2 \cdot 13^4 \cdot 19^6 \cdot 73^2$
 2980: $684842713^4 \Rightarrow 11 \cdot 1381 \cdot 784168471 \cdot 935848841 \cdot p_{14}, B_1 = 235$
 2981: $p_{14}^2 \Rightarrow 10687 \cdot 26113 \cdot 1191481 \cdot p_{13}, B_1 = 289$
 2982: $p_{13}^2 \Rightarrow 127 \dots, D; q^4, B_3 = 313$
 2984: $p_{14}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^4 \cdot 5^2 \cdot 11^2$
 2985: $p_{14}^6 \Rightarrow 211 \cdot 281 \cdot 659 \cdot n, B_1 = 376; q^{10}, B_3 = 342$
 2987: $684842713^6 \Rightarrow 491 \cdot 2087 \cdot 27329 \cdot 150991 \cdot 254213 \cdot 31448020871 \cdot P_{22}, B_1 = 289$
 2988: $P_{22}^2 \Rightarrow 937 \cdot n, B_1 = 334; q^4, B_3 = 331$
 2990: $684842713^{10} \Rightarrow 23 \cdot n, B_1 = 308$
 2991: $684842713^{12} \Rightarrow 79 \cdot 937 \cdot n, B_1 = 346$
 2992: $684842713^{16} \Rightarrow 239 \cdot 409 \cdot n, B_1 = 412; q^{18}, B_2 = 318$
 2994: $794191^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 13^4 \cdot 19^6$
 2995: $794191^6 \Rightarrow 449 \cdot p_{33}, B_1 = 218$
 2996: $p_{33}^2 \Rightarrow 13 \cdot 31 \cdot 601 \cdot 108943 \cdot P_{56}, B_1 = 347$
 2997: $p_{33}^4 \Rightarrow 61 \cdot 191 \cdot n, B_1 = 418; q^6, B_2 = 392$
 2999: $794191^{10} \Rightarrow 67 \cdot P_{58}, B_1 = 289$
 3000: $P_{58}^2 \Rightarrow 7^2 \cdot 31^2 \dots, S \ 3^2 \cdot 7^2 \cdot 13^4 \cdot 19^6 \cdot 31^2 \cdot 67^2$
 3001: $P_{58}^4, B_2 = 457$
 3002: $794191^{12} \Rightarrow 31123 \cdot 51949 \cdot 56629 \cdot 101323 \cdot 4589566181929 \cdot p_{40}, B_1 = 324$
 3003: $794191^{16} \Rightarrow 103 \cdot n, B_1 = 303$
 3004: $794191^{18} \Rightarrow n, B_1 = 324$
 3005: $794191^{22} \Rightarrow 23 \cdot 47 \cdot n, B_1 = 374; q^{28}, B_2 = 330$
 3007: $369023021^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 13^2$
 3008: $369023021^6 \Rightarrow P_{52}, B_1 = 226$
 3009: $P_{52}^2 \Rightarrow 3 \cdot 31 \cdot 43 \cdot n, B_1 = 333; q^4, B_2 = 411$
 3011: $369023021^{10} \Rightarrow 23 \cdot 4621 \cdot 33199 \cdot 4370521 \cdot 7457254718534088640217 \cdot P_{48}, B_1 = 329$
 3012: $369023021^{12} \Rightarrow 79 \cdot 157 \cdot 521 \cdot 1847 \cdot 6500993481529 \cdot n, B_1 = 301$
 3013: $369023021^{16} \Rightarrow n, B_1 = 346; q^{18}, B_2 = 308$
 3015: $4099^6 \Rightarrow 281 \cdot p_{20}, B_1 = 111$
 3016: $p_{20}^2 \Rightarrow 45427579 \cdot p_{31}, B_1 = 188$
 3017: $p_{31}^2 \Rightarrow 3 \cdot 13 \cdot 9391 \cdot 10541359 \cdot 25902229 \cdot 457088476683403 \cdot P_{27}, B_1 = 311$
 3018: $p_{31}^4 \Rightarrow 431 \cdot n, B_1 = 375; q^6, B_2 = 369$
 3020: $p_{20}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 13^2$
 3021: $p_{20}^6 \Rightarrow 7 \cdot 43^3 \cdot 463 \cdot n, B_1 = 308; q^{10}, B_2 = 384$
 3023: $4099^{10} \Rightarrow p_{37}, B_1 = 154$
 3024: $p_{37}^2 \Rightarrow 13 \cdot 193 \cdot 1951 \cdot 295699 \cdot 1292131 \cdot 146637278538758978473 \cdot p_{34}, B_1 = 299$
 3025: $p_{34}^2 \Rightarrow 3 \cdot 19 \cdot 139 \cdot n, B_1 = 368; q^4, B_3 = 366$
 3027: $p_{37}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 19^6$
 3028: $p_{37}^6, B_2 = 433$
 3029: $4099^{12} \Rightarrow 359243 \cdot 2344750835831 \cdot p_{26}, B_1 = 176$
 3030: $p_{26}^2 \Rightarrow 3 \cdot 1141507 \cdot P_{45}, B_1 = 278$
 3031: $P_{45}^2 \Rightarrow 3 \cdot 13 \cdot 19 \cdot n, B_1 = 366; q^4, B_3 = 366$
 3033: $p_{26}^4 \Rightarrow 11 \cdot 461 \cdot n, B_1 = 332; q^6, B_2 = 305$
 3035: $4099^{16} \Rightarrow 239 \cdot 571025989 \cdot 2005553791141 \cdot P_{35}, B_1 = 219$
 3036: $P_{35}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 239^2 \cdot 331^2$
 3037: $P_{35}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 13^2$
 3038: $P_{35}^6, B_2 = 412$
 3039: $4099^{18} \Rightarrow 3041 \cdot 14327 \cdot 1861868521 \cdot P_{49}, B_1 = 241$
 3040: $P_{49}^2 \Rightarrow 3 \cdot 7^2 \cdot 571 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 331^2 \cdot 409^2 \cdot 571^2$
 3041: $P_{49}^4, B_2 = 384$
 3042: $4099^{22} \Rightarrow p_{80}, B_1 = 284$

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: $617341^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13^2 \cdot 19^6$
3053: $617341^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 13^2$
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: $p_{56}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 13^2$
3057: $p_{56}^4, B_2 = 443$
3058: $P_{29}^4 \Rightarrow 11 \cdot n, B_1 = 339; q^6, B_2 = 346$
3060: $617341^{10} \Rightarrow 3033826866533 \cdot 2831265704822734631 \cdot p_{27}, B_1 = 234$
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: $p_{45}^2 \Rightarrow 3 \cdot 7^2 \cdot 19 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13^2 \cdot 19^6$
3066: $p_{45}^4, B_3 = 357$
3067: $617341^{16} \Rightarrow 305593 \cdot 5317057 \cdot 535357548025144890637 \cdot 1132366248183315622683082159 \cdot P_{33}, B_1 = 338$
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: $49936897^2 \Rightarrow 3 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 29^2$
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: $P_{18}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^4 \cdot 7^2 \cdot 13^4 \cdot 19^6 \cdot 29^2$
3077: $P_{18}^4, B_3 = 313$
3078: $P_{19}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
3079: $P_{19}^6 \Rightarrow 7 \cdot 43 \dots, S \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 29^2 \cdot 43^2$
3080: $P_{19}^{10}, B_2 = 360$
3081: $49936897^6 \Rightarrow 17714369 \cdot P_{39}, B_1 = 253$
3082: $P_{39}^2 \Rightarrow 19 \cdot 97 \dots, S \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 29^2 \cdot 97^2$
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: $49936897^{16} \Rightarrow 137 \dots, S \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 29^2 \cdot 137^2$
3087: $49936897^{18} \Rightarrow n, B_1 = 391; q^{22}, B_2 = 338$
3089: $1727870509^4 \Rightarrow 71 \dots, S \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 29^2 \cdot 71^2$
3090: $1727870509^6 \Rightarrow 7 \cdot 29 \cdot 43 \dots, S \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 29^2 \cdot 43^2$
3091: $1727870509^{10} \Rightarrow 148868897 \cdot P_{85}, B_1 = 352$
3092: $1727870509^{12} \Rightarrow 13 \cdot 157 \dots, S \ 3^2 \cdot 7^2 \cdot 13^4 \cdot 19^6 \cdot 29^2 \cdot 157^2$
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: $P_{50}^2 \Rightarrow 3 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 131^2$
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: $2017^{16} \Rightarrow 144773 \cdot 72008214963608854098577 \cdot p_{25}, B_1 = 193$
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: $p_{25}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 13^2$
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: $2017^{30} \Rightarrow 2357 \cdot 39929 \cdot 6507126239 \cdot 1112190585151 \cdot 2739084071010530819900447 \cdot p_{45}, B_1 = 332$
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: $596514349^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 19^6 \cdot 31^2$
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: $P_{30}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 19^6$
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: $596514349^{10} \Rightarrow 65033 \cdot 1631059 \cdot 131814195767 \cdot 3826944705760796309822023 \cdot p_{42}, B_1 = 347$
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: $280257881^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 19^6$
3144: $280257881^6 \Rightarrow 7 \cdot 29 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 19^6 \cdot 29^2$
3145: $280257881^{10} \Rightarrow 23 \cdot p_{84}, B_1 = 304$
3146: $280257881^{12} \Rightarrow 280148883402577049633523400339 \cdot P_{72}, B_1 = 355$
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: $P_{22}^4 \Rightarrow 11 \cdot 31 \cdot 2281 \cdot 184651 \cdot 182074271 \cdot 17285840628244303181230651 \cdot P_{41}, B_1 = 305$
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: $p_{24}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 19^6 \cdot 23^2 \cdot 67^2$
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: $5119^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^4 \cdot 7^4 \cdot 13^2 \cdot 19^6 \cdot 79^2$
3196: $5119^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13^2 \cdot 19^6$
3197: $5119^6 \Rightarrow 239 \cdot 337 \cdot 158979983 \cdot 1405482289, B_1 = 138$
3198: $1405482289^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^4 \cdot 7^2 \cdot 13^4 \cdot 19^6 \cdot 79^2$
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: $p_{19}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
3202: $p_{19}^6, B_3 = 305$
3203: $1405482289^6 \Rightarrow 7 \cdot p_{55}, B_1 = 284$
3204: $p_{55}^2 \Rightarrow 3 \dots, S \ 3^4 \cdot 7^4 \cdot 13^2 \cdot 19^6 \cdot 79^2$
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: $5119^{10} \Rightarrow 23 \dots, S \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 23^2$
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: $P_{25}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
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: $P_{30}^2 \Rightarrow 3 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 79^2$
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: $P_{13}^2 \Rightarrow 7 \cdot 43 \dots, S \ 3^2 \cdot 7^4 \cdot 13^2 \cdot 19^6 \cdot 43^2 \cdot 79^2 \cdot 701^2$
3229: $P_{13}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
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: $P_{21}^2 \Rightarrow 3 \cdot 19 \cdot 30313 \cdot 88261 \cdot 3587655490957 \cdot p_{17}, B_1 = 212$

3235: $p_{17}^2 \Rightarrow 3 \cdot 7 \cdot 19 \dots, S \ 3^4 \cdot 7^4 \cdot 13^2 \cdot 19^6 \cdot 79^2$
3236: $p_{17}^4 \Rightarrow 41 \cdot 131 \dots, S \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 41^2 \cdot 79^2 \cdot 131^2$
3237: $p_{17}^6 \Rightarrow n, B_1 = 376; q^{10}, B_3 = 343$
3239: $P_{21}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
3240: $P_{21}^6 \Rightarrow 127 \dots, D$
3241: $P_{21}^{10}, B_2 = 401$
3242: $27277^{10} \Rightarrow 198397 \cdot 250418711218369 \cdot P_{25}, B_1 = 188$
3243: $P_{25}^2 \Rightarrow 14318847710437425607 \cdot P_{31}, B_1 = 287$
3244: $P_{31}^2 \Rightarrow 3 \cdot 7 \cdot 37 \dots, S \ 3^2 \cdot 7^4 \cdot 13^2 \cdot 19^6 \cdot 37^2 \cdot 79^2$
3245: $P_{31}^4, B_3 = 347$
3246: $P_{25}^4 \Rightarrow 31 \cdot 61 \dots, S \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 31^2 \cdot 61^2$
3247: $P_{25}^6 \Rightarrow 29 \dots, S \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 29^2 \cdot 79^2$
3248: $P_{25}^{10}, B_2 = 493$
3249: $27277^{12} \Rightarrow 79 \cdot 2426723729 \cdot P_{42}, B_1 = 211$
3250: $P_{42}^2 \Rightarrow 19 \cdot 193 \cdot 9283 \cdot p_{77}, B_1 = 376; q^4, B_2 = 335$
3252: $27277^{16} \Rightarrow 8161 \cdot 428401 \cdot 12154117 \cdot 18693457687 \cdot 224625253963538101 \cdot P_{27}, B_1 = 268$
3253: $P_{27}^2 \Rightarrow 7 \cdot 19 \cdot n, B_1 = 321; q^4, B_3 = 322$
3255: $27277^{18} \Rightarrow 3037966412730116213 \cdot 126528768154944571781 \cdot P_{42}, B_1 = 295$
3256: $P_{42}^2 \Rightarrow 3 \cdot n, B_1 = 377; q^4, B_3 = 377$
3258: $27277^{22} \Rightarrow 47 \cdot 277 \cdot 599 \dots, S \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 47^2 \cdot 79^2 \cdot 277^2 \cdot 599^2 \cdot 701^2$
3259: $27277^{28} \Rightarrow 59 \cdot 233 \cdot 523 \cdot n, B_1 = 310$
3260: $27277^{30} \Rightarrow n, B_1 = 321; q^{36}, B_2 = 319$
3262: $64171^4 \Rightarrow 5 \cdot 101 \cdot p_{17}, B_1 = 95$
3263: $p_{17}^2 \Rightarrow 19 \cdot p_{32}, B_1 = 158$
3264: $p_{32}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
3265: $p_{32}^4 \Rightarrow n, B_1 = 349; q^6, B_2 = 381$
3267: $p_{17}^4 \Rightarrow 5 \cdot 11 \cdot 31 \cdot 101 \cdot p_{61}, B_1 = 254$
3268: $p_{61}^2 \Rightarrow 13 \cdot 19 \cdot 307 \cdot 541 \cdot 733 \cdot n, B_1 = 384; q^4, B_2 = 486$
3270: $p_{17}^6 \Rightarrow 143352274829 \cdot c_{89}, B_1 = 271$
3271: $143352274829^2 \Rightarrow 178351 \cdot 853837 \cdot 134945578333, B_1 = 316$
3272: $143352274829^4 \Rightarrow 11 \cdot 71 \cdot n, B_1 = 341; q^6, B_3 = 316$
3274: $p_{17}^{10}, B_2 = 330$
3275: $64171^6 \Rightarrow 29 \cdot 7589 \cdot 105337 \cdot 429227 \cdot P_{13}, B_1 = 123$
3276: $P_{13}^2 \Rightarrow 19 \cdot 2953 \cdot P_{21}, B_1 = 172$
3277: $P_{21}^2 \Rightarrow 3 \cdot 2287 \cdot p_{39}, B_1 = 256$
3278: $p_{39}^2 \Rightarrow 3 \cdot 13^2 \cdot 571 \cdot n, B_1 = 334; q^4, B_3 = 332$
3280: $P_{21}^4 \Rightarrow 31 \cdot 16091 \cdot 7616881 \cdot n, B_1 = 310$
3281: $P_{21}^6 \Rightarrow 211 \cdot n, B_1 = 384; q^{10}, B_2 = 418$
3283: $P_{13}^4 \Rightarrow 11 \cdot 31 \cdot 71 \cdot 811 \cdot 1220411 \cdot 3666121 \cdot P_{32}, B_1 = 252$
3284: $P_{32}^2 \Rightarrow 7 \cdot n, B_1 = 316; q^4, B_3 = 315$
3286: $P_{13}^6 \Rightarrow 7 \cdot 29^2 \cdot 43 \cdot 631 \cdot 22028705161 \cdot 22010861183683 \cdot p_{46}, B_1 = 326$
3287: $P_{13}^{10} \Rightarrow 419 \cdot n, B_1 = 357; q^{12}, B_2 = 308$
3289: $64171^{10} \Rightarrow 89 \cdot 6536311 \cdot 44567128789481 \cdot P_{26}, B_1 = 181$
3290: $P_{26}^2 \Rightarrow 19 \cdot P_{51}, B_1 = 281$
3291: $P_{51}^2 \Rightarrow 3 \cdot 7 \cdot 619 \cdot n, B_1 = 385; q^4, B_2 = 400$
3293: $P_{26}^4 \Rightarrow 31 \cdot n, B_1 = 337; q^6, B_2 = 307$
3295: $64171^{12} \Rightarrow 131 \cdot 677 \cdot 59265571 \cdot 10086686689 \cdot p_{35}, B_1 = 210$
3296: $p_{35}^2 \Rightarrow 3 \cdot 19^3 \cdot 37 \cdot 43 \cdot 151 \cdot 38431 \cdot 2333167 \cdot 168873373403798311 \cdot p_{33}, B_1 = 342$
3297: $p_{35}^4 \Rightarrow 5 \cdot 241 \cdot n, B_1 = 423; q^6, B_2 = 419$
3299: $64171^{16} \Rightarrow 28782215721293361271699 \cdot 610502384841094120870067 \cdot p_{31}, B_1 = 268$
3300: $p_{31}^2 \Rightarrow 3 \cdot n, B_1 = 329; q^4, B_3 = 329$
3302: $64171^{18} \Rightarrow 22079 \cdot 10096601 \cdot 1587035269 \cdot 69895162023927202915336129 \cdot P_{41}, B_1 = 296$
3303: $P_{41}^2 \Rightarrow 3 \cdot 7 \cdot n, B_1 = 378; q^4, B_3 = 377$
3305: $64171^{22} \Rightarrow 23 \cdot 47 \cdot 967 \cdot 1151 \cdot 173743 \cdot c_{92}, B_1 = 263$

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: $1741^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 19^6$
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: $5927871379^6 \Rightarrow 54195680769082441770899127173 \cdot p_{30}, B_1 = 345$
3335: $5927871379^{10} \Rightarrow 11 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 19^6$
3336: $5927871379^{12} \Rightarrow 13 \cdot 53 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 53^2$
3337: $5927871379^{16}, B_3 = 326$
3338: $3133157107^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 19^6$
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: $p_{29}^2 \Rightarrow 127 \dots, D$
3345: $p_{29}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 19^6$
3346: $p_{29}^6, B_2 = 338$
3347: $68659639549^6 \Rightarrow 127 \dots, D$
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: $2745256771^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 19^6$
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: $4976401^4 \Rightarrow 5 \dots, S \ 3^6 \cdot 5^2 \cdot 7^4$
3372: $4976401^6, B_3 = 309$

3373: $141437827^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 7^4 \cdot 11^2 \cdot 19^6$
3374: $141437827^6 \Rightarrow n, B_1 = 331; q^{10}, B_3 = 315$
3376: $p_{18}^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^6 \cdot 7^4 \cdot 13 \cdot 19^6 \cdot 181^2 \cdot 199^2$
3377: $p_{18}^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 7^4 \cdot 11^2 \cdot 19^6$
3378: $p_{18}^6 \Rightarrow 113 \cdot n, B_1 = 397; q^{10}, B_3 = 361$
3380: $P_{17}^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 7^4 \cdot 11^2 \cdot 19^6$
3381: $P_{17}^6 \Rightarrow n, B_1 = 333; q^{10}, B_2 = 335$
3383: $P_{19}^4 \Rightarrow 11 \cdot 170141 \cdot 1453341301 \cdot P_{58}, B_1 = 273$
3384: $P_{58}^2 \Rightarrow 13 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 13 \cdot 19^6$
3385: $P_{58}^4, B_2 = 457$
3386: $P_{19}^6 \Rightarrow 953 \cdot 15884363386091243 \cdot c_{90}, B_1 = 298$
3387: $P_{17}^2 \Rightarrow 79 \cdot n, B_1 = 332; q^4, B_3 = 331$
3389: $P_{19}^{10}, B_2 = 363$
3390: $5490513541^4 \Rightarrow 5 \cdot 7211 \cdot 1135891 \cdot 21059711 \cdot P_{22}, B_1 = 157$
3391: $P_{22}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
3392: $P_{22}^4 \Rightarrow 5 \cdot 31 \cdot 1009651 \cdot 848329921 \cdot 93726824763964537073231 \cdot P_{44}, B_1 = 360$
3393: $P_{22}^6 \Rightarrow 281 \cdot n, B_1 = 370; q^{10}, B_2 = 420$
3395: $5490513541^6 \Rightarrow 71 \cdot 5881457 \cdot 728614573 \cdot p_{41}, B_1 = 177$
3396: $p_{41}^1 \Rightarrow 29 \cdot 41 \cdot 211 \cdot 198851 \cdot p_{30}, B_1 = 259$
3397: $p_{30}^2 \Rightarrow n, B_1 = 318; q^4, B_3 = 318$
3399: $p_{41}^2 \Rightarrow 3 \cdot 1201 \cdot p_{79}, B_1 = 303; q^4, B_2 = 327$
3401: $5490513541^{10} \Rightarrow 199 \cdot 54962227 \cdot 26115353837 \cdot P_{77}, B_1 = 325$
3402: $5490513541^{12} \Rightarrow 157 \cdot 1363259 \cdot 124861049 \cdot c_{101}, B_1 = 285$
3403: $124861049^1 \Rightarrow 3^2 \cdot 5^2 \cdot 83 \cdot 3343, B_1 = 298$
3404: $3343^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
3405: $3343^4, B_3 = 305$
3406: $124861049^2 \Rightarrow n, B_1 = 306; q^4, B_3 = 306$
3408: $5490513541^{16}, B_2 = 311$
3409: $128341^4 \Rightarrow 5 \cdot 11^2 \cdot 61 \cdot 541 \cdot 1058821 \cdot 12833941, B_1 = 84$
3410: $12833941^1 \Rightarrow 11 \cdot 179 \cdot 3259, B_1 = 97$
3411: $3259^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
3412: $3259^4 \Rightarrow 11 \cdot 31 \cdot 330914915941, B_1 = 131$
3413: $330914915941^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 19^6$
3414: $330914915941^4 \Rightarrow 5 \cdot 11 \cdot 61 \cdot 77272570816463731 \cdot p_{26}, B_1 = 241$
3415: $p_{26}^2 \Rightarrow 19^2 \cdot 37 \cdot 158291400706849 \cdot P_{34}, B_1 = 338$
3416: $p_{26}^4 \Rightarrow 5 \cdot 31 \cdot n, B_1 = 394; q^6, B_3 = 343$
3418: $330914915941^6 \Rightarrow 7 \cdot 26573 \cdot 26993 \cdot 135353 \cdot p_{55}, B_1 = 315$
3419: $330914915941^{10} \Rightarrow 67 \cdot n, B_1 = 340$
3420: $330914915941^{12} \Rightarrow 677 \cdot n, B_1 = 387; q^{16}, B_2 = 368$
3422: $3259^6 \Rightarrow 5839 \cdot P_{18}, B_1 = 154$
3423: $P_{18}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 19^6$
3424: $P_{18}^4 \Rightarrow 11 \cdot P_{69}, B_1 = 325$
3425: $P_{18}^6 \Rightarrow 7 \cdot 673 \cdot n, B_1 = 330; q^{10}, B_2 = 346$
3427: $3259^{10} \Rightarrow 23 \cdot 439905577 \cdot P_{26}, B_1 = 196$
3428: $P_{26}^2 \Rightarrow 3 \cdot 19 \dots, S \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 19^6$
3429: $P_{26}^4 \Rightarrow 5 \cdot 31 \cdot 101 \cdot n, B_1 = 349; q^6, B_2 = 301$
3431: $3259^{12} \Rightarrow 2341 \cdot 75193 \cdot 169454689 \cdot p_{26}, B_1 = 217$
3432: $p_{26}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 19^6$
3433: $p_{26}^4 \Rightarrow n, B_1 = 371; q^6, B_3 = 320$
3435: $3259^{16} \Rightarrow 103 \cdot 254593 \cdot 5363159193146749 \cdot P_{34}, B_1 = 259$
3436: $P_{34}^2 \Rightarrow 19 \cdot n, B_1 = 324; q^4, B_3 = 325$
3438: $3259^{18} \Rightarrow 229 \cdot 7999913 \cdot p_{54}, B_1 = 280$
3439: $p_{54}^2 \Rightarrow 7 \cdot 109 \cdot n, B_1 = 391; q^4, B_2 = 431$
3441: $3259^{22} \Rightarrow 47 \cdot 7894153 \cdot P_{69}, B_1 = 322$

3442: $3259^{28} \Rightarrow 349 \cdot 523 \cdot 1481640103 \cdot n, B_1 = 302$
3443: $3259^{30} \Rightarrow n, B_1 = 301$
3444: $3259^{36} \Rightarrow n, B_1 = 343$
3445: $3259^{40} \Rightarrow n, B_1 = 371$
3446: $3259^{42} \Rightarrow n, B_1 = 386; q^{46}, B_2 = 323$
3448: $12833941^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^2 \cdot 5 \cdot 11^2 \cdot 13^2$
3449: $12833941^4 \Rightarrow 5 \cdot 491 \cdot 102001 \cdot P_{21}, B_1 = 155$
3450: $P_{21}^2 \Rightarrow 7 \cdot P_{40}, B_1 = 235$
3451: $P_{40}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
3452: $P_{40}^4, B_2 = 313$
3453: $P_{21}^4 \Rightarrow 5 \cdot 271 \cdot 8515321 \cdot 187215837026251747885188892751 \cdot p_{41}, B_1 = 320$
3454: $P_{21}^6 \Rightarrow 43 \cdot n, B_1 = 357; q^{10}, B_2 = 400$
3456: $12833941^6 \Rightarrow 7 \cdot 29 \cdot 281 \cdot 90422310721 \cdot 2521087073569 \cdot p_{15}, B_1 = 190$
3457: $p_{15}^1 \Rightarrow 1913 \cdot 119047 \cdot 754451, B_1 = 219$
3458: $754451^2 \Rightarrow 13 \cdot 1399 \cdot 31296919, B_1 = 242$
3459: $31296919^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
3460: $31296919^4 \Rightarrow 11^2 \cdot 401 \cdot 1471 \cdot 74131 \cdot 177811 \cdot P_{13}, B_1 = 315$
3461: $31296919^6 \Rightarrow 71 \cdot n, B_1 = 319; q^{10}, B_3 = 302$
3463: $754451^4 \Rightarrow 5 \cdot 11 \cdot 31 \cdot 41 \cdot 71 \cdot P_{17}, B_1 = 276$
3464: $P_{17}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
3465: $P_{17}^4, B_3 = 310$
3466: $754451^6 \Rightarrow 29 \cdot 43 \cdot 3130529029132261 \cdot P_{17}, B_1 = 310$
3467: $754451^{10} \Rightarrow n, B_1 = 324$
3468: $754451^{12} \Rightarrow 53 \cdot n, B_1 = 350; q^{16}, B_3 = 301$
3470: $p_{15}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
3471: $p_{15}^4 \Rightarrow 5 \cdot 11 \cdot 294211030224641 \cdot 533946024525561895721 \cdot P_{22}, B_1 = 328$
3472: $p_{15}^6 \Rightarrow 7 \cdot n, B_1 = 337; q^{10}, B_3 = 309$
3474: $12833941^{10} \Rightarrow 67 \cdot p_{70}, B_1 = 221$
3475: $p_{70}^1 \Rightarrow 3^4 \dots, S \ 3^4 \cdot 5^2 \cdot 11^2$
3476: $p_{70}^2 \Rightarrow 193 \cdot n, B_1 = 425; q^4, B_2 = 554$
3478: $12833941^{12} \Rightarrow 53 \cdot 399647 \cdot 14794651 \cdot$
 $234235693714005216689 \cdot 4254105860607520571447 \cdot P_{29}, B_1 = 312$
3479: $12833941^{16} \Rightarrow 1361 \cdot 15607 \cdot n, B_1 = 306$
3480: $12833941^{18} \Rightarrow n, B_1 = 327; q^{22}, B_2 = 312$
3482: $128341^6 \Rightarrow 29 \cdot 38934969278521 \cdot P_{16}, B_1 = 110$
3483: $P_{16}^2 \Rightarrow 103 \cdot 163 \cdot 1381 \cdot 151677497137 \cdot p_{13}, B_1 = 172$
3484: $p_{13}^1 \Rightarrow 737873 \cdot 3018317, B_1 = 198$
3485: $3018317^2 \Rightarrow 13^2 \cdot 53906748703, B_1 = 222$
3486: $53906748703^2 \Rightarrow 3 \cdot 151 \cdot 271 \cdot 4027 \cdot p_{13}, B_1 = 265$
3487: $p_{13}^2 \Rightarrow 3 \cdot 19 \cdot P_{24}, B_1 = 312$
3488: $p_{13}^4 \Rightarrow 11 \cdot 41 \cdot 71 \dots, S \ 3^2 \cdot 11^2 \cdot 13^2 \cdot 19^6 \cdot 29^2 \cdot 41^2 \cdot 71^2 \cdot 103^2 \cdot 151^2 \cdot 163^2 \cdot 271^2$
3489: $p_{13}^6, B_3 = 316$
3490: $53906748703^4 \Rightarrow 11 \cdot 31 \cdot 311 \cdot 11659813381 \cdot n, B_1 = 301$
3491: $53906748703^6 \Rightarrow 29^2 \cdot n, B_1 = 329; q^{10}, B_3 = 308$
3493: $3018317^4 \Rightarrow 11 \cdot 31 \cdot 112921 \cdot 18002161 \cdot 119730778721, B_1 = 263$
3494: $119730778721^2 \Rightarrow 12855463 \cdot p_{16}, B_1 = 307$
3495: $119730778721^4 \Rightarrow 5 \cdot 11 \cdot 71 \cdot n, B_1 = 331; q^6, B_3 = 307$
3497: $3018317^6 \Rightarrow 7 \cdot 1709 \cdot 920298233891 \cdot P_{23}, B_1 = 302$
3498: $3018317^{10} \Rightarrow 23 \cdot n, B_1 = 316$
3499: $3018317^{12} \Rightarrow 313 \cdot n, B_1 = 343$
3500: $3018317^{16} \Rightarrow 17 \cdot n, B_1 = 394; q^{18}, B_3 = 302$
3502: $p_{13}^2 \Rightarrow 3 \cdot 13 \cdot 19 \cdot P_{23}, B_1 = 221$
3503: $P_{23}^2 \Rightarrow 3 \cdot 7 \cdot 13 \dots, S \ 3^2 \cdot 7^2 \cdot 13^2 \cdot 19^6 \cdot 29 \cdot 103^2$
3504: $P_{23}^4 \Rightarrow 41 \cdot n, B_1 = 357; q^6, B_3 = 310$

3506: $p_{13}^4 \Rightarrow 5 \cdot 1019592569461 \cdot 491585072149689151 \cdot P_{21}, B_1 = 299$
3507: $P_{21}^2 \Rightarrow 3 \cdot 13 \cdot 19 \dots, S \ 3^2 \cdot 5 \cdot 13^2 \cdot 19^6 \cdot 29^2$
3508: $P_{21}^4, B_3 = 339$
3509: $p_{13}^6 \Rightarrow P_{76}, B_1 = 375$
3510: $p_{13}^{10} \Rightarrow n, B_1 = 400; q^{12}, B_2 = 303$
3512: $P_{16}^4 \Rightarrow 11 \cdot 41 \cdot 22163887550817200253654851 \cdot p_{35}, B_1 = 245$
3513: $p_{35}^3 \Rightarrow 3^3 \cdot 7^2 \cdot 11 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 19^6$
3514: $p_{35}^2 \Rightarrow 19 \cdot 181 \cdot n, B_1 = 336; q^4, B_3 = 335$
3516: $P_{16}^6 \Rightarrow 127 \dots, D; q^{10}, B_2 = 311$
3518: $128341^{10} \Rightarrow 39227 \cdot p_{47}, B_1 = 139$
3519: $p_{47}^1 \Rightarrow 23 \cdot 53 \cdot 787 \cdot 31051 \cdot 224317 \cdot 16176671303467 \cdot P_{18}, B_1 = 231$
3520: $P_{18}^2 \Rightarrow 3 \cdot 23083783 \cdot 35703589963 \cdot P_{16}, B_1 = 300$
3521: $P_{18}^4 \Rightarrow 5 \cdot 41 \cdot 131 \cdot 191 \cdot n, B_1 = 341; q^6, B_3 = 300$
3523: $p_{47}^2 \Rightarrow 3 \cdot 13^2 \cdot 9733 \cdot 56441899 \cdot 13818703441 \cdot 460724037139 \cdot n, B_1 = 302; q^4, B_2 = 371$
3525: $128341^{12} \Rightarrow 53 \cdot 4889 \cdot 359071851818193370015783391 \cdot P_{30}, B_1 = 212$
3526: $P_{30}^2 \Rightarrow 7 \cdot 879679 \cdot 43387306747 \cdot P_{42}, B_1 = 329$
3527: $P_{30}^4 \Rightarrow 31 \cdot n, B_1 = 389; q^6, B_2 = 351$
3529: $128341^{16} \Rightarrow 34488268799 \cdot 122240685317 \cdot P_{61}, B_1 = 266$
3530: $P_{61}^2 \Rightarrow 13 \cdot 19^2 \cdot n, B_1 = 385; q^4, B_2 = 480$
3532: $128341^{18} \Rightarrow 191^2 \cdot 20749 \cdot 82745285761 \cdot$
 $44353590379237 \cdot 1862495562111452164042656011 \cdot p_{32}, B_1 = 272$
3533: $p_{32}^1 \Rightarrow 3 \cdot n, B_1 = 303$
3534: $p_{32}^2 \Rightarrow 199 \cdot n, B_1 = 354; q^4, B_3 = 352$
3536: $128341^{22} \Rightarrow 23 \cdot 139 \cdot 49191497606280141646727 \cdot p_{87}, B_1 = 283$
3537: $p_{87}^1 \Rightarrow 3 \cdot 937 \cdot n, B_1 = 372; q^2, B_3 = 366$
3539: $128341^{28} \Rightarrow 59 \cdot 523 \cdot n, B_1 = 319; q^{30}, B_2 = 306$
3541: $70841^4 \Rightarrow 5 \cdot 61 \cdot 71 \cdot P_{16}, B_1 = 68$
3542: $P_{16}^2 \Rightarrow 3 \cdot 43 \cdot 373 \cdot p_{26}, B_1 = 106$
3543: $p_{26}^1 \Rightarrow 5 \cdot 131 \dots, S \ 3^2 \cdot 5^2 \cdot 19^6 \cdot 43^2 \cdot 61^2 \cdot 71^2 \cdot 131^2$
3544: $p_{26}^2 \Rightarrow 3 \cdot 35353 \cdot 1591159 \cdot 5348809 \cdot 1568669689 \cdot P_{24}, B_1 = 223$
3545: $P_{24}^2 \Rightarrow 3 \cdot 37 \dots, S \ 3^4 \cdot 5 \cdot 19^6 \cdot 37^2 \cdot 43^2 \cdot 61^2$
3546: $P_{24}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 19^6$
3547: $P_{24}^6, B_3 = 318$
3548: $p_{26}^4 \Rightarrow p_{102}, B_1 = 284$
3549: $p_{102}^1 \Rightarrow 3 \cdot 61 \cdot 317 \dots, S \ 3^2 \cdot 5^2 \cdot 19^6 \cdot 43^2 \cdot 61^2 \cdot 71^2 \cdot 317^2$
3550: $p_{102}^2, B_2 = 407$
3551: $p_{26}^6, B_2 = 305$
3552: $P_{16}^4 \Rightarrow 5 \cdot 71 \cdot 2039459061440951452061 \cdot P_{37}, B_1 = 195$
3553: $P_{37}^2 \Rightarrow 3 \cdot 43 \cdot 18228160082653 \cdot 54793570689682138623829369 \cdot p_{32}, B_1 = 331$
3554: $P_{37}^4 \Rightarrow 5 \cdot 31 \cdot n, B_1 = 416; q^6, B_2 = 436$
3556: $P_{16}^6 \Rightarrow 113 \cdot 1080067936494480389 \cdot p_{71}, B_1 = 242$
3557: $p_{71}^1 \Rightarrow 41 \cdot 463 \cdot n, B_1 = 316$
3558: $p_{71}^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^2 \cdot 5 \cdot 13^2 \cdot 19^6 \cdot 61^2$
3559: $p_{71}^4, B_2 = 562$
3560: $P_{16}^{10}, B_2 = 301$
3561: $70841^6 \Rightarrow 7 \cdot 29 \cdot 6301 \cdot p_{23}, B_1 = 77$
3562: $p_{23}^1 \Rightarrow 3 \cdot 5^3 \dots, S \ 3^2 \cdot 5^4 \cdot 7^2$
3563: $p_{23}^2 \Rightarrow 109 \cdot P_{44}, B_1 = 188$
3564: $P_{44}^2 \Rightarrow 3 \cdot 31 \cdot 577 \cdot 13782283 \cdot 19691323 \cdot 20628540564360151 \cdot P_{53}, B_1 = 364; q^4, B_2 = 351$
3566: $p_{23}^4 \Rightarrow 78662582364391 \cdot P_{79}, B_1 = 326$
3567: $p_{23}^6 \Rightarrow 7 \cdot n, B_1 = 325; q^{10}, B_2 = 459$
3569: $70841^{10} \Rightarrow 11 \cdot 67 \cdot 2003 \cdot 134047 \cdot P_{38}, B_1 = 156$
3570: $P_{38}^2 \Rightarrow 3 \cdot 7 \cdot 37^2 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 19^6 \cdot 37^2$
3571: $P_{38}^4 \Rightarrow n, B_1 = 379; q^6, B_2 = 446$

3573: $70841^{12} \Rightarrow 313 \cdot 153817 \cdot 504011 \cdot 63631190731905536767 \cdot p_{26}, B_1 = 162$
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: $p_{30}^2 \Rightarrow 3 \cdot 13^2 \dots, S \ 3^4 \cdot 5^2 \cdot 13^2$
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: $182955964171^4 \Rightarrow 5 \dots, S \ 3^8 \cdot 5^2 \cdot 19^{10} \cdot 47^2$
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: $34151148991^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^6 \cdot 5^2 \cdot 11^2$
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: $p_{18}^4 \Rightarrow 5 \dots, S \ 3^6 \cdot 5^2 \cdot 11^2$
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: $P_{17}^2 \Rightarrow 3 \cdot 7760763965523577 \cdot P_{17}, B_1 = 255$
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: $P_{17}^4 \Rightarrow 5 \dots, S \ 3^6 \cdot 5^2 \cdot 7^2$
3643: $P_{17}^6 \Rightarrow 7 \cdot n, B_1 = 352; q^{10}, B_2 = 324$

3645: $320083^{10} \Rightarrow 67 \cdot 89 \cdot 23761 \cdot 45854246360743038387467 \cdot p_{25}, B_1 = 257$
3646: $p_{25}^2 \Rightarrow 7 \cdot 13 \dots, S \ 3^6 \cdot 7^2 \cdot 13^2 \cdot 19^{10} \cdot 47^2$
3647: $p_{25}^4, B_3 = 306$
3648: $320083^{12} \Rightarrow 53 \cdot 1327 \cdot 14591845711 \cdot 4553020659097 \cdot p_{39}, B_1 = 290$
3649: $p_{39}^2 \Rightarrow n, B_1 = 367; q^4, B_3 = 367$
3651: $320083^{16} \Rightarrow 21265961063 \cdot 11166632161393 \cdot$
 $10777981405410815662292008051 \cdot p_{37}, B_1 = 356$
3652: $320083^{18} \Rightarrow 571 \cdot 7297 \cdot P_{93}, B_1 = 389$
3653: $320083^{22} \Rightarrow n, B_1 = 334; q^{28}, B_2 = 308$
3655: $8933917^4 \Rightarrow 11^2 \cdot p_{26}, B_1 = 143$
3656: $p_{26}^2 \Rightarrow 7 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 19^{10}$
3657: $p_{26}^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 11^2$
3658: $p_{26}^6, B_2 = 308$
3659: $8933917^6 \Rightarrow 197 \cdot 1429 \cdot 52697 \cdot P_{32}, B_1 = 186$
3660: $P_{32}^2 \Rightarrow 3 \cdot 3673 \cdot 68165131 \cdot 221788829190702191354473 \cdot p_{28}, B_1 = 313$
3661: $P_{32}^4 \Rightarrow 61 \cdot n, B_1 = 377; q^6, B_2 = 378$
3663: $8933917^{10} \Rightarrow 23 \cdot 89 \cdot 80279 \cdot 354619 \cdot 9476149 \cdot p_{49}, B_1 = 270$
3664: $p_{49}^2 \Rightarrow 3 \cdot 31 \cdot 43 \cdot 157 \cdot 919 \cdot n, B_1 = 376; q^4, B_2 = 390$
3666: $8933917^{12} \Rightarrow 246818833 \cdot 479697973 \cdot 768032294755306629903721127 \cdot P_{40}, B_1 = 312$
3667: $8933917^{16} \Rightarrow 556554804709 \cdot p_{100}, B_1 = 395$
3668: $8933917^{18} \Rightarrow n, B_1 = 312; q^{22}, B_2 = 305$
3670: $151201^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 19^{10} \cdot 47^2 \cdot 109^2$
3671: $151201^6 \Rightarrow 7 \cdot 29 \cdot 12671 \cdot P_{25}, B_1 = 138$
3672: $P_{25}^2 \Rightarrow 3 \cdot 43 \dots, S \ 3^4 \cdot 7^2 \cdot 19^{10} \cdot 29^2 \cdot 43^2 \cdot 47^2 \cdot 109^2$
3673: $P_{25}^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 19^{10}$
3674: $P_{25}^6 \Rightarrow 7 \cdot 547 \cdot n, B_1 = 387; q^{10}, B_2 = 493$
3676: $151201^{10} \Rightarrow 1428197 \cdot P_{46}, B_1 = 200$
3677: $P_{46}^2 \Rightarrow 3 \cdot 7 \cdot 1567 \cdot c_{87}, B_1 = 295$
3678: $1567^2 \Rightarrow 3 \cdot 379 \cdot n, B_1 = 305; q^4, B_3 = 302$
3680: $P_{46}^4, B_2 = 365$
3681: $151201^{12} \Rightarrow 5851 \cdot 385607 \cdot 8086897135747 \cdot 681095845871039 \cdot p_{26}, B_1 = 232$
3682: $p_{26}^2 \Rightarrow 3 \cdot 7 \cdot 43^2 \cdot 79 \cdot 305047 \cdot 2722966053504385873 \cdot P_{20}, B_1 = 328$
3683: $p_{26}^4 \Rightarrow 151 \cdot n, B_1 = 384; q^6, B_3 = 332$
3685: $151201^{16} \Rightarrow 103 \cdot 79561 \cdot 62591738685569 \cdot P_{63}, B_1 = 294$
3686: $P_{63}^2 \Rightarrow 3 \cdot n, B_1 = 418; q^4, B_2 = 497$
3688: $151201^{18} \Rightarrow 229 \cdot 17949508591308937 \cdot c_{75}, B_1 = 250$
3689: $p_{17}^2 \Rightarrow 3 \cdot 1933 \cdot 3476676199 \cdot P_{20}, B_1 = 314$
3690: $p_{17}^4 \Rightarrow 11 \cdot 71 \cdot 101 \cdot n, B_1 = 353; q^6, B_3 = 315$
3692: $151201^{22} \Rightarrow 47 \cdot 277 \cdot 967 \cdot 1657 \cdot 56038505527 \cdot p_{93}, B_1 = 384$
3693: $151201^{28} \Rightarrow n, B_1 = 335; q^{30}, B_2 = 310$
3695: $673^4 \Rightarrow 421 \cdot 2531 \cdot 192811, B_1 = 72$
3696: $192811^2 \Rightarrow 3 \cdot 20323 \cdot 609757, B_1 = 94$
3697: $609757^2 \Rightarrow 3 \cdot 397 \cdot 523 \cdot 596899, B_1 = 116$
3698: $596899^2 \Rightarrow 3 \cdot 7^2 \cdot 31 \cdot 7549 \cdot 10357, B_1 = 137$
3699: $10357^2 \Rightarrow 3 \cdot 7^2 \cdot 13 \dots, S \ 3^6 \cdot 7^4 \cdot 13^2 \cdot 19^{10} \cdot 31^2$
3700: $10357^4 \Rightarrow 3301 \cdot 73471 \cdot 47447831, B_1 = 177$
3701: $47447831^2 \Rightarrow 7 \cdot 139 \cdot p_{13}, B_1 = 208$
3702: $p_{13}^2 \Rightarrow 3 \cdot 7 \cdot 13 \dots, S \ 3^6 \cdot 7^4 \cdot 13^2 \cdot 19^{10} \cdot 31^2$
3703: $p_{13}^4 \Rightarrow 5 \dots, S \ 3^6 \cdot 5^2 \cdot 7^4$
3704: $p_{13}^6 \Rightarrow n, B_1 = 332; q^{10}, B_3 = 307$
3706: $47447831^4 \Rightarrow 5 \dots, S \ 3^6 \cdot 5^2 \cdot 7^2$
3707: $47447831^6 \Rightarrow 18638621401 \cdot p_{36}, B_1 = 300$
3708: $47447831^{10} \Rightarrow 23 \dots, S \ 3^6 \cdot 7^2 \cdot 19^{10} \cdot 23^2 \cdot 31^2 \cdot 47^2$
3709: $47447831^{12} \Rightarrow n, B_1 = 346$

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: $p_{19}^2 \Rightarrow 13 \dots, S \ 3^6 \cdot 7^2 \cdot 13^2 \cdot 19^{10} \cdot 31^2$
3714: $p_{19}^4 \Rightarrow 11 \dots, S \ 3^6 \cdot 7^2 \cdot 11^2 \cdot 19^{10}$
3715: $p_{19}^6 \Rightarrow 127 \dots, D; q^{10}, B_2 = 369$
3717: $10357^{10} \Rightarrow 881 \cdot 2161647516733 \cdot P_{25}, B_1 = 250$
3718: $P_{25}^2 \Rightarrow 3 \cdot 13^2 \dots, S \ 3^6 \cdot 7^2 \cdot 13^2 \cdot 19^{10} \cdot 31^2$
3719: $P_{25}^4 \Rightarrow 41 \dots, S \ 3^6 \cdot 7^2 \cdot 19^{10} \cdot 31^2 \cdot 41^2 \cdot 47^2 \cdot 109^2$
3720: $P_{25}^6, B_3 = 349$
3721: $10357^{12} \Rightarrow 79 \dots, S \ 3^6 \cdot 7^2 \cdot 19^{10} \cdot 31^2 \cdot 47^2 \cdot 79^2 \cdot 109^2 \cdot 397^2 \cdot 421^2 \cdot 523^2$
3722: $10357^{16} \Rightarrow 37705735549 \cdot 115813951095379037 \cdot 207572627297505871 \cdot P_{20}, B_1 = 322$
3723: $10357^{18} \Rightarrow 3079 \cdot 384681821071651 \cdot 50047244649865090370777 \cdot P_{32}, B_1 = 346$
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: $p_{19}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^6 \cdot 7^2 \cdot 13^2 \cdot 19^{10} \cdot 47^2$
3732: $p_{19}^4 \Rightarrow 11 \cdot 31 \dots, S \ 3^4 \cdot 11^2 \cdot 13^2 \cdot 19^{10} \cdot 31^2 \cdot 47^2 \cdot 109^2 \cdot 397^2$
3733: $p_{19}^6 \Rightarrow n, B_1 = 407; q^{10}, B_2 = 373$
3735: $630133915661^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 19^{10} \cdot 47^2 \cdot 109^2$
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: $8297^2 \Rightarrow 7 \cdot 13 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^{10} \cdot 47^2$
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: $P_{29}^2 \Rightarrow 3 \cdot 13 \cdot 37 \dots, S \ 3^6 \cdot 11^2 \cdot 13^2 \cdot 19^{10} \cdot 31^2 \cdot 37^2$
3765: $P_{29}^4, B_3 = 353$
3766: $1362395539^6 \Rightarrow 7 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 19^{10}$
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: $P_{15}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^4 \cdot 5^2 \cdot 11^2$
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: $p_{28}^2 \Rightarrow 13 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^{10} \cdot 47^2$
3776: $p_{28}^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
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: $609757^{12} \Rightarrow 677 \cdot 1223 \cdot 703459121 \cdot 84468277973265454941479 \cdot p_{32}, B_1 = 290$
3782: $p_{32}^2 \Rightarrow 3 \cdot n, B_1 = 353; q^4, B_3 = 354$
3784: $609757^{16} \Rightarrow 17 \cdot 103 \cdot 24722109721229957010341 \cdot P_{67}, B_1 = 360$
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: $192811^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 19^{10}$
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: $p_{32}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^{10} \cdot 23^2$
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: $P_{16}^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^6 \cdot 7^2 \cdot 13^2 \cdot 19^{10} \cdot 43^2$
3822: $P_{16}^4 \Rightarrow 31 \dots, S \ 3^6 \cdot 7^2 \cdot 19^{10} \cdot 31^2 \cdot 43^2 \cdot 47^2 \cdot 61^2$
3823: $P_{16}^6 \Rightarrow 7 \cdot n, B_1 = 389; q^{10}, B_3 = 358$
3825: $P_{17}^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 19^{10}$
3826: $P_{17}^6 \Rightarrow 7 \cdot n, B_1 = 335; q^{10}, B_2 = 330$
3828: $P_{13}^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^2$
3829: $P_{13}^6 \Rightarrow 29 \cdot 43 \dots, S \ 3^4 \cdot 7^2 \cdot 19^{10} \cdot 29^2 \cdot 43^2 \cdot 47^2 \cdot 103^2$
3830: $P_{13}^{10} \Rightarrow 11 \dots, S \ 3^4 \cdot 7^2 \cdot 11^2 \cdot 19^{10}$
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: $P_{13}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
3842: $P_{13}^6 \Rightarrow 7 \cdot P_{74}, B_1 = 367$

3843: $P_{13}^{10} \Rightarrow 23 \cdot 89 \cdot 331 \cdot n, B_1 = 400$
3844: $P_{13}^{12} \Rightarrow n, B_1 = 443; q^{16}, B_2 = 395$
3846: $149854447^6 \Rightarrow 7 \cdot 673 \cdot 2969023 \cdot 12061351 \cdot 362764543 \cdot p_{24}, B_1 = 213$
3847: $p_{24}^2 \Rightarrow 3 \cdot 19 \cdot P_{45}, B_1 = 303$
3848: $p_{24}^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 19^{10} \cdot 47^2 \cdot 109^2$
3849: $p_{24}^6, B_3 = 306$
3850: $149854447^{10} \Rightarrow 946727 \cdot 58638869663718137840995786016705131 \cdot p_{42}, B_1 = 318$
3851: $149854447^{12} \Rightarrow 8243 \cdot 16096102414237 \cdot P_{81}, B_1 = 367$
3852: $149854447^{16} \Rightarrow n, B_1 = 335$
3853: $149854447^{18} \Rightarrow 229 \cdot n, B_1 = 370; q^{22}, B_2 = 359$
3855: $673^{10} \Rightarrow 23 \cdot 991 \cdot 20021 \cdot P_{20}, B_1 = 123$
3856: $P_{20}^2 \Rightarrow 7 \cdot 31 \cdot 871752897817 \cdot p_{25}, B_1 = 202$
3857: $p_{25}^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^{10} \cdot 23^2$
3858: $p_{25}^4 \Rightarrow n, B_1 = 352; q^6, B_3 = 302$
3860: $P_{20}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 19^{10} \cdot 23^2 \cdot 47^2$
3861: $P_{20}^6 \Rightarrow 113 \cdot n, B_1 = 322; q^{10}, B_2 = 392$
3863: $673^{12} \Rightarrow 1251524428753 \cdot p_{22}, B_1 = 140$
3864: $p_{22}^2 \Rightarrow 3 \cdot 91047001 \cdot p_{36}, B_1 = 228$
3865: $p_{36}^2 \Rightarrow 3 \cdot p_{71}, B_1 = 368$
3866: $p_{36}^4 \Rightarrow n, B_1 = 439; q^6, B_2 = 422$
3868: $p_{22}^4 \Rightarrow 24598303859825202842773741 \cdot 841129896560455303845296791 \cdot P_{36}, B_1 = 359$
3869: $p_{22}^6 \Rightarrow n, B_1 = 359; q^{10}, B_2 = 436$
3871: $673^{16} \Rightarrow 243101 \cdot 675071 \cdot P_{35}, B_1 = 174$
3872: $P_{35}^2 \Rightarrow 89521 \cdot 91243 \cdot 797593 \cdot 33684950323 \cdot 679852164088063 \cdot P_{27}, B_1 = 310$
3873: $P_{35}^4 \Rightarrow 5 \cdot 31 \cdot 71 \dots, S \ 3^2 \cdot 5^2 \cdot 19^{10} \cdot 31^2 \cdot 47^2 \cdot 71^2$
3874: $P_{35}^6, B_2 = 408$
3875: $673^{18} \Rightarrow P_{51}, B_1 = 191$
3876: $P_{51}^2 \Rightarrow 3 \cdot 224338258338984271 \cdot n, B_1 = 311; q^4, B_2 = 407$
3878: $673^{22} \Rightarrow 103409 \cdot 174420604131571261 \cdot 4542626403850880777 \cdot P_{22}, B_1 = 225$
3879: $P_{22}^2 \Rightarrow 7 \cdot 19 \cdot 2251 \cdot 335308673521 \cdot P_{26}, B_1 = 308$
3880: $P_{22}^4 \Rightarrow 5 \cdot 11^2 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 19^{10}$
3881: $P_{22}^6, B_3 = 310$
3882: $673^{28} \Rightarrow 523 \cdot 929 \cdot 395851 \cdot 781777013 \cdot 17771918911 \cdot 281666308508521 \cdot P_{35}, B_1 = 276$
3883: $P_{35}^2 \Rightarrow 13 \cdot 79 \cdot n, B_1 = 348; q^4, B_3 = 345$
3885: $673^{30} \Rightarrow 17609 \cdot 296237 \cdot 408209 \cdot 16250821 \cdot 121223628756001223 \cdot p_{46}, B_1 = 293$
3886: $p_{46}^2 \Rightarrow 3 \cdot 37 \cdot n, B_1 = 385; q^4, B_3 = 383$
3888: $673^{36} \Rightarrow 223 \cdot 3109 \cdot P_{96}, B_1 = 344$
3889: $673^{40} \Rightarrow 83 \cdot 2953 \cdot 155801 \cdot P_{103}, B_1 = 378$
3890: $673^{42} \Rightarrow 7741 \cdot 482692685536909 \cdot 24373135214609999 \cdot n, B_1 = 311$
3891: $673^{46} \Rightarrow 659 \cdot n, B_1 = 301$
3892: $673^{52} \Rightarrow n, B_1 = 333; q^{58}, B_2 = 328$
3894: $62060021^2 \Rightarrow 7 \cdot 31 \cdot P_{14}, B_1 = 64$
3895: $P_{14}^2 \Rightarrow 3 \cdot P_{27}, B_1 = 117$
3896: $P_{27}^2 \Rightarrow 3 \cdot 1699 \cdot 283564158181 \cdot p_{37}, B_1 = 188$
3897: $p_{37}^1 \Rightarrow 373 \cdot 292502835310001 \cdot p_{20}, B_1 = 261$
3898: $p_{20}^2 \Rightarrow 7 \cdot 751 \cdot n, B_1 = 303; q^4, B_3 = 301$
3900: $p_{37}^2 \Rightarrow 3 \cdot 19 \cdot 4723 \cdot 1096259005867 \cdot n, B_1 = 302$
3901: $p_{37}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
3902: $p_{37}^6, B_2 = 442$
3903: $P_{27}^4 \Rightarrow 11^2 \cdot 31 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 19^{10} \cdot 31^2$
3904: $P_{27}^6, B_2 = 312$
3905: $P_{14}^4 \Rightarrow 1171 \cdot 145381 \cdot 295225751 \cdot p_{37}, B_1 = 165$
3906: $p_{37}^1 \Rightarrow 11 \cdot 17 \cdot P_{34}, B_1 = 237$
3907: $P_{34}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 17^2 \cdot 19^{10}$

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: $p_{73}^1 \Rightarrow 20430589 \cdot 28004213 \cdot 93713007526715391809 \cdot p_{38}, B_1 = 353$
 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: $116856733421^1 \Rightarrow 3 \cdot 11 \cdot 13 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 13^2$
 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: $p_{21}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 19^{10}$
 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: $P_{22}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
 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: $P_{15}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5 \cdot 7^2$
 3935: $P_{15}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 19^{10}$
 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: $62060021^{10} \Rightarrow 11 \cdot 23 \cdot 253242037389892351615554329325859553 \cdot P_{41}, B_1 = 221$
 3960: $P_{41}^2 \Rightarrow 271 \cdot n, B_1 = 303; q^4, B_2 = 320$
 3962: $62060021^{12} \Rightarrow 53 \cdot 404197 \cdot 40325668900104021637477 \cdot$
 $504805888255049722631113471597 \cdot p_{34}, B_1 = 269$
 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: $62060021^{18} \Rightarrow 2859153813495302135105360393 \cdot P_{113}, B_1 = 416; q^{22}, B_2 = 342$
 3971: $19^{12} \Rightarrow 599 \cdot 29251 \cdot 133338869, B_1 = 37$
 3972: $133338869^1 \Rightarrow 3^2 \cdot 5 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^2$
 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: $P_{28}^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 19^{12} \cdot 31^2$
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: $41442572371^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 19^{12} \cdot 31^2$
3991: $41442572371^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 11^2 \cdot 19^{12}$
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: $p_{29}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5 \cdot 11^2 \cdot 19^{12}$
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: $5209^6 \Rightarrow 127 \dots, D; q^{10}, B_3 = 309$
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: $P_{32}^2 \Rightarrow 7 \cdot 661 \cdot 41325067365823 \cdot 135977951957568402271 \cdot P_{26}, B_1 = 250$
4048: $P_{26}^2 \Rightarrow 3 \cdot 7 \cdot 19 \cdot 97 \cdot n, B_1 = 301; q^4, B_3 = 301$
4050: $P_{32}^4 \Rightarrow 5 \cdot 11^2 \cdot 71 \cdot n, B_1 = 317; q^6, B_2 = 377$

4052: $133338869^6 \Rightarrow 67061 \cdot P_{44}, B_1 = 171$
4053: $P_{44}^2 \Rightarrow 769 \cdot 29947 \cdot 78709887137059665139 \cdot p_{61}, B_1 = 291$
4054: $p_{61}^1 \Rightarrow 5 \cdot 23^2 \cdot 73 \cdot n, B_1 = 354; q^2, B_3 = 346$
4056: $P_{44}^4, B_2 = 351$
4057: $133338869^{10} \Rightarrow 23 \cdot 67 \cdot 463 \cdot 3697 \cdot 462772630565919077104220301167 \cdot P_{43}, B_1 = 270$
4058: $P_{43}^2 \Rightarrow 3 \cdot n, B_1 = 354; q^4, B_3 = 354$
4060: $133338869^{12} \Rightarrow 13 \cdot 79 \cdot 590071 \cdot 38647753 \cdot 1316180923115132621 \cdot p_{64}, B_1 = 259$
4061: $p_{64}^1 \Rightarrow 3 \cdot 229 \cdot n, B_1 = 324; q^2, B_3 = 304$
4063: $133338869^{16} \Rightarrow 103 \cdot 895120619 \cdot n, B_1 = 300$
4064: $133338869^{18} \Rightarrow n, B_1 = 322; q^{22}, B_2 = 357$
4066: $19^{16} \Rightarrow 3044803 \cdot P_{14}, B_1 = 61$
4067: $P_{14}^2 \Rightarrow 67 \cdot 87403 \cdot 1311127 \cdot 10050613 \cdot 129574807, B_1 = 110$
4068: $129574807^2 \Rightarrow 3 \cdot P_{16}, B_1 = 142$
4069: $P_{16}^2 \Rightarrow 3 \cdot 73 \cdot 14879180581 \cdot P_{19}, B_1 = 201$
4070: $P_{19}^2 \Rightarrow 3 \cdot 7 \cdot 37 \cdot p_{36}, B_1 = 252$
4071: $p_{36}^1 \Rightarrow 13 \dots, S \ 3^4 \cdot 7^2 \cdot 13^2 \cdot 19^{16} \cdot 37^2$
4072: $p_{36}^2 \Rightarrow 3 \cdot 19 \cdot 37 \cdot 139 \cdot n, B_1 = 346; q^4, B_3 = 347$
4074: $P_{19}^4 \Rightarrow n, B_1 = 315$
4075: $P_{19}^6 \Rightarrow 281 \cdot n, B_1 = 394; q^{10}, B_2 = 379$
4077: $P_{16}^4 \Rightarrow 11 \cdot 31 \cdot 691 \cdot 156139021 \cdot 17358050023121 \cdot P_{37}, B_1 = 294$
4078: $P_{37}^2 \Rightarrow 19 \cdot 577 \cdot n, B_1 = 367; q^4, B_3 = 366$
4080: $P_{16}^6 \Rightarrow 7 \cdot 29 \cdot n, B_1 = 302; q^{10}, B_2 = 314$
4082: $129574807^4 \Rightarrow 524040307451 \cdot P_{21}, B_1 = 191$
4083: $P_{21}^2 \Rightarrow 3 \cdot 19 \cdot 1381478047 \cdot 469408755469 \cdot P_{19}, B_1 = 267$
4084: $P_{19}^2 \Rightarrow 3 \cdot 547 \cdot n, B_1 = 307; q^4, B_3 = 305$
4086: $P_{21}^4 \Rightarrow 5 \cdot n, B_1 = 316$
4087: $P_{21}^6 \Rightarrow 127 \dots, D; q^{10}, B_2 = 414$
4089: $129574807^6 \Rightarrow 29 \cdot 71 \cdot 1499 \cdot 8191 \cdot 9157 \cdot 72367 \cdot p_{30}, B_1 = 217$
4090: $p_{30}^1 \Rightarrow 3 \cdot 167 \cdot P_{27}, B_1 = 276$
4091: $P_{27}^2 \Rightarrow 3 \cdot 7 \cdot 73 \cdot n, B_1 = 331; q^4, B_3 = 328$
4093: $p_{30}^2 \Rightarrow 199 \cdot n, B_1 = 301$
4094: $p_{30}^4 \Rightarrow 11 \cdot n, B_1 = 417; q^6, B_3 = 358$
4096: $129574807^{10} \Rightarrow 23 \cdot 28269571191104502320251610377 \cdot P_{52}, B_1 = 316$
4097: $129574807^{12} \Rightarrow 53 \cdot 547 \cdot 2237 \cdot 7743581 \cdot P_{83}, B_1 = 386$
4098: $129574807^{16} \Rightarrow n, B_1 = 353$
4099: $129574807^{18} \Rightarrow 191 \cdot n, B_1 = 388; q^{22}, B_2 = 356$
4101: $P_{14}^4 \Rightarrow 119507174196006511 \cdot P_{39}, B_1 = 201$
4102: $P_{39}^2 \Rightarrow 3 \cdot 229 \cdot 640906962601 \cdot 92313535761786223 \cdot p_{47}, B_1 = 310; q^4, B_2 = 311$
4104: $P_{14}^6 \Rightarrow 12746861 \cdot 16857692111586805864708941403112365837 \cdot p_{40}, B_1 = 245$
4105: $p_{40}^1 \Rightarrow 3 \cdot p_{39}, B_1 = 324$
4106: $p_{40}^2 \Rightarrow 13 \cdot 379 \cdot n, B_1 = 331; q^4, B_3 = 327$
4108: $P_{14}^{10} \Rightarrow 23 \cdot n, B_1 = 314; q^{12}, B_2 = 335$
4110: $19^{18} \Rightarrow p_{24}, B_1 = 46$
4111: $p_{24}^1 \Rightarrow 3262949 \cdot P_{17}, B_1 = 91$
4112: $P_{17}^2 \Rightarrow 7 \cdot 1801 \cdot 70537 \cdot 18982297 \cdot P_{17}, B_1 = 156$
4113: $P_{17}^2 \Rightarrow 3 \cdot 907 \cdot p_{30}, B_1 = 221$
4114: $p_{30}^2 \Rightarrow 3 \cdot 7 \cdot 41267859317595241 \cdot P_{41}, B_1 = 334$
4115: $p_{30}^4 \Rightarrow n, B_1 = 395; q^6, B_2 = 348$
4117: $P_{17}^4 \Rightarrow 11 \cdot 55067041 \cdot P_{57}, B_1 = 318$
4118: $P_{17}^6 \Rightarrow 337 \cdot n, B_1 = 321; q^{10}, B_2 = 324$
4120: $P_{17}^4 \Rightarrow 61 \cdot p_{64}, B_1 = 253$
4121: $p_{64}^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot 19 \cdot 307 \cdot n, B_1 = 383; q^4, B_2 = 504$
4123: $P_{17}^6 \Rightarrow 7123439335792187401403984393 \cdot p_{70}, B_1 = 351; q^{10}, B_2 = 324$
4125: $p_{24}^2 \Rightarrow 3 \cdot 13 \cdot 157 \cdot 183361 \cdot p_{38}, B_1 = 124$

- 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: $P_{15}^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 13^2$
4131: $P_{15}^6 \Rightarrow n, B_1 = 344; q^{10}, B_3 = 314$
4133: $p_{38}^2 \Rightarrow 3 \cdot 4132654992422508089574457489732984717 \cdot p_{37}, B_1 = 271$
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: $p_{24}^4 \Rightarrow 5 \cdot 11 \cdot 2251 \cdot 4466221 \cdot 114118662694961 \cdot 657067724021324845960747798585621 \cdot p_{34}, B_1 = 265$
4140: $p_{34}^1 \Rightarrow 7 \cdot 887 \cdot n, B_1 = 303$
4141: $p_{34}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5 \cdot 11^2 \cdot 19^{18}$
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: $P_{13}^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot 31 \dots, S \ 3^4 \cdot 7^2 \cdot 13 \cdot 19^{22} \cdot 31^2$
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: $P_{18}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 11^2 \cdot 19^{22}$
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: $P_{13}^6 \Rightarrow 127 \dots, D$
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: $P_{16}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 13^2 \cdot 19^{28} \cdot 59^2$
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: $p_{62}^1 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 11^2 \cdot 19^{28}$
4186: $p_{62}^2, B_3 = 335$
4187: $P_{18}^6 \Rightarrow n, B_1 = 335; q^{10}, B_2 = 346$
4189: $P_{18}^4 \Rightarrow 11 \cdot 131 \cdot 2046537721 \cdot 544269503440038940542961 \cdot p_{33}, B_1 = 246$
4190: $p_{33}^1 \Rightarrow 17 \cdot 457 \cdot 19949 \cdot 47563 \cdot 83742643 \cdot 374474805409, B_1 = 311$
4191: $p_{33}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 7^2 \cdot 11^2 \cdot 19^{28} \cdot 59^2 \cdot 131^2 \cdot 233$
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: $6684907^6 \Rightarrow 127 \dots, D$
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: $48837672001^4 \Rightarrow 5 \cdot 101 \cdot 311 \cdot 3653236254381775601 \cdot P_{19}, B_1 = 259$
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: $19^{42} \Rightarrow 18917672548149688895557513 \cdot p_{29}, B_1 = 132$
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: $p_{18}^4 \Rightarrow 11 \cdot 41 \cdot 7481 \cdot 17119572950981 \cdot n, B_1 = 311$

4265: $p_{18}^6 \Rightarrow 197 \cdot n, B_1 = 362; q^{10}, B_2 = 341$
4267: $p_{29}^2 \Rightarrow 3 \cdot 67 \cdot 97 \cdot 397 \cdot 433 \cdot 125887 \cdot 1259413 \cdot p_{37}, B_1 = 238$
4268: $p_{37}^1 \Rightarrow 363272734884668341 \cdot p_{19}, B_1 = 310$
4269: $p_{37}^2 \Rightarrow 3 \cdot n, B_1 = 321; q^4, B_3 = 322$
4271: $p_{29}^4 \Rightarrow 11 \cdot n, B_1 = 307; q^6, B_2 = 341$
4273: $19^{46} \Rightarrow p_{59}, B_1 = 117$
4274: $p_{59}^1 \Rightarrow 3 \cdot 37 \cdot 113 \cdot 87559 \cdot 333087379019893 \cdot 1440720123341017 \cdot P_{20}, B_1 = 234$
4275: $P_{20}^2 \Rightarrow 3 \cdot 278743 \cdot 7208234652259 \cdot P_{21}, B_1 = 313$
4276: $P_{20}^4 \Rightarrow 31 \cdot 311 \cdot 911 \cdot n, B_1 = 360; q^6, B_3 = 314$
4278: $p_{59}^2 \Rightarrow 7^3 \cdot 9043 \cdot 89119 \cdot n, B_1 = 303; q^4, B_2 = 470$
4280: $19^{52} \Rightarrow 107 \cdot 323930821687153 \cdot 2551089855701675251204783 \cdot p_{26}, B_1 = 173$
4281: $p_{26}^1 \Rightarrow 13 \cdot 704687 \cdot p_{19}, B_1 = 224$
4282: $p_{19}^2 \Rightarrow 67 \cdot 199 \cdot 3391 \cdot 97861 \cdot p_{24}, B_1 = 297$
4283: $p_{24}^2 \Rightarrow 3 \cdot n, B_1 = 346; q^4, B_3 = 345$
4285: $p_{19}^4 \Rightarrow 11 \cdot n, B_1 = 335$
4286: $p_{19}^6 \Rightarrow 7 \cdot 29 \cdot 43 \cdot n, B_1 = 411; q^{10}, B_3 = 370$
4288: $p_{26}^2 \Rightarrow 3 \cdot 23629 \cdot p_{47}, B_1 = 255$
4289: $p_{47}^1 \Rightarrow 17 \cdot 47 \cdot 67 \cdot n, B_1 = 306$
4290: $p_{47}^2 \Rightarrow 3 \cdot 7 \cdot 61 \cdot 241 \cdot n, B_1 = 384; q^4, B_3 = 379$
4292: $p_{26}^4 \Rightarrow 691 \cdot n, B_1 = 341; q^6, B_2 = 306$
4294: $19^{58} \Rightarrow p_{75}, B_1 = 148$
4295: $p_{75}^1 \Rightarrow 3 \cdot p_{74}, B_1 = 296$
4296: $p_{74}^2 \Rightarrow 3 \cdot 7 \cdot 61 \cdot n, B_1 = 445; q^4, B_2 = 587$
4298: $p_{75}^2 \Rightarrow 7^3 \cdot n, B_1 = 371; q^4, B_2 = 593$
4300: $19^{60} \Rightarrow p_{77}, B_1 = 153$
4301: $p_{77}^1 \Rightarrow 109 \cdot 6607 \cdot 9701103752872552262464583 \cdot p_{46}, B_1 = 306; q^2, B_2 = 306$
4303: $19^{66} \Rightarrow 588518621 \cdot 1650922227287 \cdot 24299939580826833879511 \cdot p_{42}, B_1 = 212$
4304: $p_{42}^1 \Rightarrow 13 \cdot 80153 \cdot 41146811 \cdot 2168931959 \cdot p_{18}, B_1 = 293$
4305: $p_{18}^2 \Rightarrow 13 \cdot 193 \cdot n, B_1 = 330; q^4, B_3 = 329$
4307: $p_{42}^2 \Rightarrow 3 \cdot 7^2 \cdot 19 \cdot n, B_1 = 325; q^4, B_2 = 328$
4309: $19^{70} \Rightarrow 17041 \cdot 49417 \cdot 19840332702980239 \cdot 1367953340395774788360889 \cdot P_{41}, B_1 = 244$
4310: $P_{41}^2 \Rightarrow 457 \cdot 673 \cdot n, B_1 = 330; q^4, B_3 = 324$
4312: $19^{72} \Rightarrow 893943109 \cdot 109796425517837 \cdot 391818505243975817655620850033223 \cdot P_{37}, B_1 = 262$
4313: $P_{37}^2 \Rightarrow 97 \cdot n, B_1 = 337; q^4, B_3 = 335$
4315: $19^{78} \Rightarrow 10429 \cdot 32233 \cdot 1380763 \cdot P_{86}, B_1 = 294$
4316: $P_{86}^2, B_2 = 340$
4317: $19^{82} \Rightarrow 167 \cdot P_{103}, B_1 = 314$
4318: $19^{88} \Rightarrow 179 \cdot 100406562593700976489171 \cdot p_{88}, B_1 = 250$
4319: $p_{88}^1 \Rightarrow 5 \cdot 37 \cdot 109 \cdot n, B_1 = 341; q^2, B_2 = 349$
4321: $19^{96} \Rightarrow 350286401 \cdot 11542175764721536214759 \cdot c_{93}, B_1 = 267$
4322: $P_{23}^2 \Rightarrow n, B_1 = 311; q^4, B_3 = 311$
4324: $19^{100} \Rightarrow 14747 \cdot 34751300699970121 \cdot 832072847051039530081 \cdot c_{87}, B_1 = 276$
4325: $p_{21}^1 \Rightarrow 8297 \cdot 1547519 \cdot 32402183287, B_1 = 317$
4326: $p_{21}^2 \Rightarrow 3 \cdot 37 \cdot n, B_1 = 324; q^4, B_3 = 322$
4328: $19^{102} \Rightarrow 25339 \cdot 405834978467 \cdot p_{115}, B_1 = 276$
4329: $p_{115}^1 \Rightarrow 3 \cdot n, B_1 = 391; q^2, B_2 = 457$
4331: $19^{106} \Rightarrow p_{136}, B_1 = 271$
4332: $p_{136}^1 \Rightarrow 3^2 \cdot 43 \cdot 449 \cdot n, B_1 = 410; q^2, B_2 = 542$
4334: $19^{108} \Rightarrow 177889 \cdot 256380863 \cdot 1551391769 \cdot c_{116}, B_1 = 289$
4335: $1551391769^1 \Rightarrow 3 \cdot 5 \cdot 191 \cdot n, B_1 = 302$
4336: $1551391769^2 \Rightarrow 7 \cdot 19 \cdot 37 \cdot n, B_1 = 313; q^4, B_3 = 312$
4338: $19^{112} \Rightarrow 227 \cdot 3617 \cdot 6781 \cdot 14417671 \cdot 48427507 \cdot P_{119}, B_1 = 425; q^{126}, B_2 = 322$

4340: $7^2 \Rightarrow 19 \dots, D$
4341: $7^4 \Rightarrow 2801, B_1 = 6$
4342: $2801^1 \Rightarrow 3 \cdot 467, B_1 = 13$
4343: $467^2 \Rightarrow 19 \dots, D$
4344: $467^4 \Rightarrow 11 \cdot 31 \cdot 41 \cdot 3409261, B_1 = 39$
4345: $3409261^2 \Rightarrow 3 \cdot 7 \cdot 31 \cdot 43 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 31^2 \cdot 41^2 \cdot 43^2$
4346: $3409261^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
4347: $3409261^6 \Rightarrow 1009 \cdot 44129 \cdot 387199 \cdot p_{26}, B_1 = 144$
4348: $p_{26}^2 \Rightarrow 43 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 31^2 \cdot 41^2 \cdot 43^2$
4349: $p_{26}^4 \Rightarrow 11 \cdot 41 \cdot 829535757994201 \cdot P_{87}, B_1 = 398; q^6, B_2 = 311$
4351: $3409261^{10} \Rightarrow 74449 \cdot 16180057477 \cdot 138855190541 \cdot P_{40}, B_1 = 222$
4352: $P_{40}^2 \Rightarrow 3 \cdot 7 \cdot 97 \cdot n, B_1 = 301; q^4, B_2 = 312$
4354: $3409261^{12} \Rightarrow 53 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 31^2 \cdot 41^2 \cdot 53^2 \cdot 467^4$
4355: $3409261^{16} \Rightarrow 103 \cdot 137 \cdot 647 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 31^2 \cdot 41^2 \cdot 103^2 \cdot 137^2 \cdot 467^4 \cdot 647^2$
4356: $3409261^{18} \Rightarrow 2281 \cdot 1903003 \cdot 10116779 \cdot P_{101}, B_1 = 379$
4357: $3409261^{22} \Rightarrow n, B_1 = 314; q^{28}, B_2 = 365$
4359: $467^6 \Rightarrow 449 \cdot 104707 \cdot 221110919, B_1 = 55$
4360: $221110919^2 \Rightarrow 13 \cdot p_{16}, B_1 = 89$
4361: $p_{16}^2 \Rightarrow 3 \cdot 7 \cdot 2371 \cdot 164173 \cdot 741859 \cdot P_{16}, B_1 = 148$
4362: $P_{16}^2 \Rightarrow 19 \dots, D$
4363: $P_{16}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
4364: $P_{16}^6 \Rightarrow n, B_1 = 302; q^{10}, B_2 = 307$
4366: $p_{16}^4 \Rightarrow 41 \cdot 4691 \cdot 1785398371 \cdot 241107782087971 \cdot P_{34}, B_1 = 244$
4367: $P_{34}^2 \Rightarrow 19 \dots, D$
4368: $P_{34}^4, B_3 = 311$
4369: $p_{16}^6 \Rightarrow 29 \cdot 281 \cdot c_{90}, B_1 = 248$
4370: $281^2 \Rightarrow 109 \cdot 727, B_1 = 258$
4371: $727^2 \Rightarrow 3 \cdot 176419, B_1 = 269$
4372: $176419^2 \Rightarrow 3 \cdot 13 \cdot 421 \cdot 1895599, B_1 = 287$
4373: $1895599^2 \Rightarrow 19 \dots, D$
4374: $1895599^4, B_3 = 300$
4375: $176419^4 \Rightarrow 41 \cdot 181 \cdot 281 \cdot n, B_1 = 302$
4376: $176419^6 \Rightarrow 127 \dots, D; q^{10}, B_3 = 311$
4378: $727^4 \Rightarrow 14281 \cdot 19587401, B_1 = 287$
4379: $19587401^2 \Rightarrow n, B_1 = 301; q^4, B_3 = 301$
4381: $727^6 \Rightarrow 113 \cdot 239 \cdot 281 \cdot 19481464031, B_1 = 299$
4382: $19481464031^2 \Rightarrow 13 \cdot n, B_1 = 319; q^4, B_3 = 320$
4384: $727^{10} \Rightarrow 11 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 13^2$
4385: $727^{12} \Rightarrow 157 \cdot n, B_1 = 323$
4386: $727^{16} \Rightarrow n, B_1 = 344; q^{18}, B_3 = 304$
4388: $281^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
4389: $281^6 \Rightarrow 7 \cdot 29 \cdot 15737 \cdot 154656517, B_1 = 283$
4390: $154656517^2 \Rightarrow 3 \cdot 661 \cdot n, B_1 = 302$
4391: $154656517^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 13^2$
4392: $154656517^6, B_3 = 316$
4393: $281^{10} \Rightarrow 201637702531 \cdot p_{14}, B_1 = 317$
4394: $281^{12} \Rightarrow 53 \cdot n, B_1 = 304$
4395: $281^{16} \Rightarrow n, B_1 = 322$
4396: $281^{18} \Rightarrow n, B_1 = 332$
4397: $281^{22} \Rightarrow n, B_1 = 351; q^{28}, B_3 = 312$
4399: $p_{16}^{10}, B_2 = 311$
4400: $221110919^4 \Rightarrow 41 \cdot 3994171 \cdot 66010998331 \cdot p_{15}, B_1 = 139$
4401: $p_{15}^2 \Rightarrow 31 \cdot 151 \cdot 5697487 \cdot p_{19}, B_1 = 196$
4402: $p_{19}^2 \Rightarrow 3 \cdot 43 \cdot 904027 \cdot p_{29}, B_1 = 268$

4403: $p_{29}^2 \Rightarrow 3 \cdot 37 \cdot 67 \cdot n, B_1 = 329; q^4, B_3 = 325$
4405: $p_{19}^4 \Rightarrow 11 \cdot n, B_1 = 307$
4406: $p_{19}^6 \Rightarrow 71 \cdot n, B_1 = 381; q^{10}, B_2 = 365$
4408: $p_{15}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
4409: $p_{15}^6 \Rightarrow 7 \cdot 46327 \cdot 3299059 \cdot c_{75}, B_1 = 293$
4410: $3299059^2 \Rightarrow 127 \dots, D; q^4, B_3 = 306$
4412: $p_{15}^{10} \Rightarrow 23 \cdot n, B_1 = 398; q^{12}, B_2 = 344$
4414: $221110919^6 \Rightarrow 7 \cdot 12741233 \cdot 958351537841377 \cdot P_{28}, B_1 = 187$
4415: $P_{28}^2 \Rightarrow 19 \dots, D$
4416: $P_{28}^4 \Rightarrow 31 \cdot 61 \cdot n, B_1 = 353; q^6, B_2 = 325$
4418: $221110919^{10} \Rightarrow 145091 \cdot 3030259 \cdot 444705652337 \cdot p_{61}, B_1 = 289$
4419: $p_{61}^2 \Rightarrow 3 \cdot 43 \cdot 829 \cdot n, B_1 = 413; q^4, B_2 = 481$
4421: $221110919^{12} \Rightarrow 131 \cdot 10814444239 \cdot p_{88}, B_1 = 339$
4422: $221110919^{16} \Rightarrow n, B_1 = 306; q^{18}, B_2 = 300$
4424: $467^{10} \Rightarrow p_{27}, B_1 = 87$
4425: $p_{27}^2 \Rightarrow 3 \cdot 7 \cdot 43 \cdot 241 \cdot 367^2 \cdot 1117 \cdot 1667227 \cdot 628652797 \cdot 124244862031 \cdot p_{14}, B_1 = 186$
4426: $p_{14}^2 \Rightarrow 3 \cdot 7 \cdot 79 \cdot p_{25}, B_1 = 240$
4427: $p_{25}^2 \Rightarrow 3 \cdot 7^3 \cdot 1202437 \cdot P_{40}, B_1 = 333$
4428: $p_{25}^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 7^4 \cdot 11^2 \cdot 43^2 \cdot 79^2 \cdot 241^2 \cdot 367^2 \cdot 467^{10}$
4429: $p_{25}^6, B_3 = 337$
4430: $p_{14}^4 \Rightarrow 241 \cdot 22291 \cdot P_{49}, B_1 = 319$
4431: $p_{14}^6 \Rightarrow 29 \cdot 113 \cdot n, B_1 = 327$
4432: $p_{14}^{10} \Rightarrow 11 \cdot 67 \cdot 89 \cdot n, B_1 = 439; q^{12}, B_2 = 330$
4434: $p_{27}^4 \Rightarrow 761 \cdot 24425354521 \cdot c_{94}, B_1 = 261$
4435: $24425354521^2 \Rightarrow 127 \dots, D$
4436: $24425354521^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
4437: $24425354521^6, B_3 = 302$
4438: $p_{27}^6, B_2 = 320$
4439: $467^{12} \Rightarrow 157 \cdot 14610077 \cdot p_{23}, B_1 = 103$
4440: $p_{23}^2 \Rightarrow 7 \cdot 14140875639046499342851 \cdot P_{23}, B_1 = 192$
4441: $P_{23}^2 \Rightarrow 3 \cdot 97 \cdot 277 \cdot 1417702731013 \cdot P_{28}, B_1 = 281$
4442: $P_{28}^2 \Rightarrow 3 \cdot 7 \cdot 211 \cdot n, B_1 = 338; q^4, B_3 = 336$
4444: $P_{23}^4 \Rightarrow 11 \cdot n, B_1 = 328$
4445: $P_{23}^6 \Rightarrow 29 \cdot n, B_1 = 417; q^{10}, B_2 = 446$
4447: $p_{23}^4 \Rightarrow 11 \cdot 31 \cdot 4233681162102356614381 \cdot 5914988600887042064325631 \cdot P_{42}, B_1 = 330$
4448: $p_{23}^6 \Rightarrow n, B_1 = 330; q^{10}, B_2 = 453$
4450: $467^{16} \Rightarrow 137 \cdot 50287 \cdot 18027944771957777 \cdot P_{20}, B_1 = 135$
4451: $P_{20}^2 \Rightarrow 3 \cdot 619 \cdot 13831 \cdot P_{32}, B_1 = 213$
4452: $P_{32}^2 \Rightarrow 3 \cdot 7 \cdot 1009 \cdot 8293 \cdot 655480663 \cdot 30705317647 \cdot p_{37}, B_1 = 339$
4453: $P_{32}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
4454: $P_{32}^6, B_2 = 381$
4455: $P_{20}^4 \Rightarrow 31 \cdot 61 \cdot 1463261 \cdot 3355081 \cdot 14764471 \cdot$
 $3565774117541 \cdot 157803767596832853641 \cdot p_{23}, B_1 = 332$
4456: $P_{20}^6 \Rightarrow 7 \cdot n, B_1 = 331; q^{10}, B_2 = 392$
4458: $467^{18} \Rightarrow 154734729607724347493 \cdot p_{28}, B_1 = 151$
4459: $p_{28}^2 \Rightarrow 13 \cdot 3301 \cdot 114629773 \cdot 20607889036625299327 \cdot p_{24}, B_1 = 263$
4460: $p_{24}^2 \Rightarrow 3 \cdot 79 \cdot 139 \cdot 193 \cdot n, B_1 = 316; q^4, B_3 = 310$
4462: $p_{28}^4 \Rightarrow 31 \cdot n, B_1 = 320; q^6, B_2 = 334$
4464: $467^{22} \Rightarrow 1151 \cdot 61213091380071615958083811 \cdot p_{30}, B_1 = 183$
4465: $p_{30}^2 \Rightarrow 45817 \cdot 85232629 \cdot P_{48}, B_1 = 303$
4466: $p_{30}^4 \Rightarrow 11^2 \cdot n, B_1 = 363; q^6, B_2 = 358$
4468: $467^{28} \Rightarrow 349 \cdot 182353 \cdot 173298607 \cdot 77581941314431 \cdot p_{45}, B_1 = 232$
4469: $p_{45}^2 \Rightarrow 3 \cdot n, B_1 = 321; q^4, B_2 = 358$
4471: $467^{30} \Rightarrow 1709341 \cdot 148106603899418387 \cdot 740375160982347006721313 \cdot P_{33}, B_1 = 248$

4472: $P_{33}^2 \Rightarrow 3 \cdot n, B_1 = 313; q^4, B_3 = 313$
4474: $467^{36} \Rightarrow 34412292527809716911 \cdot 541191358484281639001863688986963 \cdot p_{44}, B_1 = 296$
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: $467^{42} \Rightarrow 431 \cdot 2038740024073569280423435457 \cdot P_{83}, B_1 = 344$
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: $306517^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^4 \cdot 7^4 \cdot 13^2 \cdot 37^2 \cdot 43^2 \cdot 61^2$
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: $p_{18}^4 \Rightarrow 11 \cdot 31 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 31^2 \cdot 37^2 \cdot 43^2$
4494: $p_{18}^6 \Rightarrow 7 \cdot 29 \cdot 113 \cdot n, B_1 = 340; q^{10}, B_2 = 355$
4496: $P_{13}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
4497: $P_{13}^6 \Rightarrow 197 \cdot 2521 \cdot 16523771291247675960750663798326591 \cdot P_{36}, B_1 = 311$
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: $P_{30}^4 \Rightarrow 31 \cdot 101 \dots, S \ 3^4 \cdot 7^4 \cdot 29^2 \cdot 31^2 \cdot 37^2 \cdot 43^2 \cdot 61^2 \cdot 101^2$
4504: $P_{30}^6, B_2 = 350$
4505: $P_{20}^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 29^2 \cdot 37^2 \cdot 43^2$
4506: $P_{20}^6 \Rightarrow 7 \cdot 43 \cdot 379 \cdot n, B_1 = 338; q^{10}, B_2 = 393$
4508: $306517^{10} \Rightarrow 67 \cdot 12188089 \cdot 30861871474787 \cdot 1204468334955733 \cdot P_{18}, B_1 = 208$
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: $306517^{16} \Rightarrow 953 \cdot 4591 \cdot 8484823421 \cdot$
 $263568576125993109113 \cdot 13559457661418573442165599 \cdot p_{26}, B_1 = 307$
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: $P_{15}^2 \Rightarrow 19 \dots, D$
4524: $P_{15}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
4525: $P_{15}^6 \Rightarrow 29 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 29^2 \cdot 37^2 \cdot 43^2$
4526: $P_{15}^{10} \Rightarrow 23 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 23^2 \cdot 37^2 \cdot 43^2$
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: $p_{32}^2 \Rightarrow 3 \cdot 7 \cdot 13 \dots, S \ 3^4 \cdot 7^4 \cdot 13^2 \cdot 29^2 \cdot 37^2$
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: $P_{15}^4 \Rightarrow 151 \cdot 21631691 \cdot 1998359249717940728111 \cdot P_{27}, B_1 = 247$

4537: $P_{27}^2 \Rightarrow 3 \cdot 7 \cdot 757 \cdot n, B_1 = 302; q^4, B_3 = 301$
4539: $P_{15}^6 \Rightarrow 7 \cdot 29 \cdot 71 \cdot c_{83}, B_1 = 246$
4540: $71^2 \Rightarrow 5113, B_1 = 254$
4541: $5113^2 \Rightarrow 3 \cdot 8715961, B_1 = 268$
4542: $8715961^2 \Rightarrow 3 \cdot 7 \cdot P_{13}, B_1 = 294$
4543: $P_{13}^2 \Rightarrow 3 \cdot 7 \cdot n, B_1 = 317; q^4, B_3 = 319$
4545: $8715961^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
4546: $8715961^6 \Rightarrow n, B_1 = 337; q^{10}, B_3 = 323$
4548: $5113^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 29^2 \cdot 37^2 \cdot 43^2$
4549: $5113^6 \Rightarrow 113 \cdot 14686393 \cdot P_{14}, B_1 = 313$
4550: $5113^{10} \Rightarrow n, B_1 = 320$
4551: $5113^{12} \Rightarrow n, B_1 = 335; q^{16}, B_3 = 306$
4553: $71^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
4554: $71^6 \Rightarrow 7 \cdot 883 \cdot 21020917, B_1 = 274$
4555: $21020917^2 \Rightarrow 3 \cdot 1513921 \cdot 97292389, B_1 = 303$
4556: $21020917^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 29^2 \cdot 37^2 \cdot 43^2$
4557: $21020917^6, B_3 = 303$
4558: $71^{10} \Rightarrow 23 \cdot P_{18}, B_1 = 298$
4559: $P_{18}^2 \Rightarrow 7 \cdot n, B_1 = 332; q^4, B_3 = 332$
4561: $71^{12} \Rightarrow 3202878953 \cdot p_{13}, B_1 = 309$
4562: $71^{16} \Rightarrow 239 \cdot n, B_1 = 304$
4563: $71^{18} \Rightarrow n, B_1 = 309$
4564: $71^{22} \Rightarrow 47^2 \cdot n, B_1 = 324$
4565: $71^{28} \Rightarrow 59 \cdot 233 \cdot n, B_1 = 350$
4566: $71^{30} \Rightarrow n, B_1 = 354; q^{36}, B_3 = 309$
4568: $P_{15}^{10} \Rightarrow 67 \cdot n, B_1 = 364; q^{12}, B_2 = 346$
4570: $7489^{10} \Rightarrow 1321 \cdot 25741 \cdot P_{32}, B_1 = 149$
4571: $P_{32}^2 \Rightarrow 13 \cdot 84199 \cdot P_{57}, B_1 = 274$
4572: $P_{57}^2 \Rightarrow 19 \dots, D$
4573: $P_{57}^4, B_2 = 451$
4574: $P_{32}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
4575: $P_{32}^6, B_2 = 374$
4576: $7489^{12} \Rightarrow 13 \cdot 53 \cdot 161773 \cdot 5187859 \cdot 20437301 \cdot P_{25}, B_1 = 172$
4577: $P_{25}^2 \Rightarrow 3 \cdot 7 \cdot 2251 \cdot 29017 \cdot 39728897279574836629 \cdot P_{21}, B_1 = 267$
4578: $P_{21}^2 \Rightarrow 3 \dots, S \ 3^4 \cdot 7^4 \cdot 13^2 \cdot 37^2 \cdot 43^2 \cdot 53^2$
4579: $P_{21}^4, B_3 = 307$
4580: $P_{25}^4 \Rightarrow n, B_1 = 318$
4581: $P_{25}^6 \Rightarrow 29 \dots, S \ 3^2 \cdot 7^4 \cdot 13^2 \cdot 29^2 \cdot 37^2 \cdot 43^2 \cdot 53^2$
4582: $P_{25}^{10}, B_2 = 488$
4583: $7489^{16} \Rightarrow 647 \cdot 1192109 \cdot 3264851 \cdot 19405739 \cdot 69662533 \cdot P_{32}, B_1 = 218$
4584: $P_{32}^2 \Rightarrow 376278426847 \cdot 24700253899618857961 \cdot P_{32}, B_1 = 344$
4585: $P_{32}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
4586: $P_{32}^6, B_2 = 377$
4587: $7489^{18} \Rightarrow 229 \cdot 801611 \cdot 197436259 \cdot 960720603511 \cdot p_{42}, B_1 = 242$
4588: $p_{42}^2 \Rightarrow n, B_1 = 324; q^4, B_2 = 329$
4590: $7489^{22} \Rightarrow 47 \cdot 20011 \cdot 1248119 \cdot p_{74}, B_1 = 288$
4591: $p_{74}^2 \Rightarrow 19 \dots, D$
4592: $p_{74}^4, B_2 = 585$
4593: $7489^{28} \Rightarrow 357074517311 \cdot P_{97}, B_1 = 358$
4594: $7489^{30} \Rightarrow 49787 \cdot 712823053 \cdot 15675772834889 \cdot c_{90}, B_1 = 292$
4595: $p_{14}^2 \Rightarrow n, B_1 = 318; q^4, B_3 = 318$
4597: $7489^{36} \Rightarrow 149 \cdot n, B_1 = 314; q^{40}, B_2 = 309$
4599: $2467^4 \Rightarrow 11 \cdot 331 \cdot 10177286401, B_1 = 61$
4600: $10177286401^2 \Rightarrow 3 \cdot 7 \cdot 13 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 13^2$

4601: $10177286401^4 \Rightarrow 5 \cdot 4021 \cdot 1644691 \cdot 8908465760191 \cdot p_{17}, B_1 = 161$
4602: $p_{17}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
4603: $p_{17}^4 \Rightarrow 5 \cdot 31^2 \cdot 41 \cdot 17981 \cdot 3393650059118520035812051 \cdot P_{33}, B_1 = 322$
4604: $p_{17}^6 \Rightarrow 127 \dots, D; q^{10}, B_2 = 331$
4606: $10177286401^6 \Rightarrow 43 \cdot 68111 \cdot 22154288135626151 \cdot 106821915193868183 \cdot P_{21}, B_1 = 217$
4607: $P_{21}^2 \Rightarrow 127 \dots, D$
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: $1303^2 \Rightarrow 19 \dots, D$
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: $28304824831^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^4$
4625: $28304824831^6, B_3 = 307$
4626: $p_{14}^4 \Rightarrow 11 \cdot 71 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 37^2 \cdot 43^2 \cdot 71^2 \cdot 73^2$
4627: $p_{14}^6 \Rightarrow n, B_1 = 349; q^{10}, B_3 = 321$
4629: $P_{15}^4 \Rightarrow 61 \cdot 71 \cdot 241 \cdot 3121 \cdot 1798421 \cdot 1498196808548849261701 \cdot P_{23}, B_1 = 300$
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: $p_{27}^2 \Rightarrow 19 \dots, D$
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: $2467^{28} \Rightarrow 59 \cdot 884348807297481285587 \cdot p_{73}, B_1 = 305$
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: $P_{16}^2 \Rightarrow n, B_1 = 310; q^4, B_3 = 310$

4671: $38069^6 \Rightarrow 43961 \cdot 868603 \cdot p_{17}, B_1 = 308$
4672: $38069^{10} \Rightarrow 23 \cdot 881 \cdot n, B_1 = 321$
4673: $38069^{12} \Rightarrow 53 \cdot 157 \cdot n, B_1 = 339$
4674: $38069^{16} \Rightarrow n, B_1 = 372; q^{18}, B_3 = 308$
4676: $2467^{36} \Rightarrow 223 \cdot 18734803 \cdot 878234887 \cdot c_{104}, B_1 = 283$
4677: $878234887^2 \Rightarrow 3 \cdot 43 \cdot p_{16}, B_1 = 315; q^4, B_3 = 301$
4679: $2467^{40} \Rightarrow 7873 \cdot 9431 \cdot c_{128}, B_1 = 299$
4680: $9431^2 \Rightarrow 19 \dots, D; q^4, B_3 = 307$
4682: $2467^{42} \Rightarrow n, B_1 = 305; q^{46}, B_2 = 312$
4684: $4933^2 \Rightarrow 127 \dots, D$
4685: $4933^4 \Rightarrow 11 \cdot 31 \cdot 7541 \cdot 230329301, B_1 = 52$
4686: $230329301^1 \Rightarrow 3 \cdot 7^3 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 31^2 \cdot 37^2 \cdot 43^2$
4687: $230329301^2 \Rightarrow 223 \cdot p_{15}, B_1 = 80$
4688: $p_{15}^1 \Rightarrow 7 \cdot 31 \cdot 438833 \cdot 1249121, B_1 = 103$
4689: $1249121^2 \Rightarrow 13 \cdot 120023424751, B_1 = 127$
4690: $120023424751^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 13^2$
4691: $120023424751^4 \Rightarrow 5 \cdot 31 \cdot 8501 \cdot P_{39}, B_1 = 238$
4692: $P_{39}^2 \Rightarrow 19 \dots, D; q^4, B_3 = 315$
4694: $120023424751^6 \Rightarrow 463 \cdot 48204731 \cdot 351747490400868641873011 \cdot P_{33}, B_1 = 305$
4695: $120023424751^{10} \Rightarrow 23 \cdot n, B_1 = 328$
4696: $120023424751^{12} \Rightarrow 53 \cdot 157 \cdot n, B_1 = 375; q^{16}, B_2 = 354$
4698: $1249121^4 \Rightarrow 5 \cdot 11 \cdot 881 \cdot 1032851 \cdot p_{14}, B_1 = 162$
4699: $p_{14}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
4700: $p_{14}^4 \Rightarrow 5 \cdot 151 \cdot P_{52}, B_1 = 297$
4701: $P_{52}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
4702: $P_{52}^4, B_2 = 414$
4703: $p_{14}^6 \Rightarrow 7 \cdot 16703 \cdot n, B_1 = 302$
4704: $p_{14}^{10} \Rightarrow 23 \cdot n, B_1 = 410; q^{12}, B_2 = 328$
4706: $1249121^6 \Rightarrow P_{37}, B_1 = 201$
4707: $P_{37}^2 \Rightarrow 3 \cdot 43 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 31^2 \cdot 37^2 \cdot 43^2$
4708: $P_{37}^4 \Rightarrow n, B_1 = 420; q^6, B_2 = 438$
4710: $1249121^{10} \Rightarrow 67 \cdot 13984543 \cdot 3477661472561 \cdot 45705116120200260923 \cdot p_{20}, B_1 = 274$
4711: $p_{20}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 31^2 \cdot 37^2 \cdot 43^2$
4712: $p_{20}^4, B_3 = 313$
4713: $1249121^{12} \Rightarrow 79 \cdot 521 \cdot 14431 \cdot 949905273136407563 \cdot$
 $17627152671251870839 \cdot p_{28}, B_1 = 310$
4714: $1249121^{16} \Rightarrow 1012079 \cdot 6709867 \cdot 1048118427232463228461 \cdot p_{64}, B_1 = 383$
4715: $1249121^{18} \Rightarrow n, B_1 = 310$
4716: $1249121^{22} \Rightarrow 47 \cdot n, B_1 = 361; q^{28}, B_2 = 341$
4718: $p_{15}^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 13 \cdot 31^2$
4719: $p_{15}^4 \Rightarrow 5 \cdot 241 \cdot 5261 \cdot 53634451781 \cdot p_{40}, B_1 = 198$
4720: $p_{40}^1 \Rightarrow 13 \cdot 167 \cdot 479 \cdot 154681 \cdot p_{29}, B_1 = 277$
4721: $p_{29}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
4722: $p_{29}^4, B_3 = 334$
4723: $p_{40}^2 \Rightarrow 3 \cdot 7^2 \dots, S \ 3^2 \cdot 5 \cdot 7^4$
4724: $p_{40}^4, B_2 = 319$
4725: $p_{15}^6 \Rightarrow 2017 \cdot 388739653 \cdot 404664488564642744221842679057489991 \cdot p_{39}, B_1 = 285$
4726: $p_{39}^1 \Rightarrow 3^2 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 31^2 \cdot 37^2 \cdot 43^2$
4727: $p_{39}^2, B_3 = 315$
4728: $p_{15}^{10} \Rightarrow 67^2 \cdot n, B_1 = 349; q^{12}, B_2 = 345$
4730: $230329301^4 \Rightarrow 5 \cdot 11 \cdot 191 \cdot 565564190431 \cdot P_{18}, B_1 = 138$
4731: $P_{18}^2 \Rightarrow 127 \dots, D$
4732: $P_{18}^4 \Rightarrow 5 \cdot 1721 \cdot 13077611346748625881 \cdot p_{48}, B_1 = 270$
4733: $p_{48}^1 \Rightarrow 43 \cdot n, B_1 = 315$

4734: $p_{48}^2 \Rightarrow 19 \dots, D$
4735: $p_{48}^4, B_3 = 394$
4736: $P_{18}^6 \Rightarrow n, B_1 = 315; q^{10}, B_2 = 353$
4738: $230329301^6 \Rightarrow 29 \cdot 43 \cdot 547 \cdot 25999 \cdot 148781473163 \cdot P_{29}, B_1 = 187$
4739: $P_{29}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 29 \cdot 31^2 \cdot 37^2$
4740: $P_{29}^4 \Rightarrow 11 \cdot n, B_1 = 359; q^6, B_2 = 345$
4742: $230329301^{10} \Rightarrow 24624072793 \cdot P_{74}, B_1 = 284$
4743: $P_{74}^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 13 \cdot 31^2$
4744: $P_{74}^4, B_2 = 585$
4745: $230329301^{12} \Rightarrow 53 \cdot 313 \cdot 2665001 \cdot 9183799 \cdot 2447317549 \cdot 582225029020700599 \cdot p_{56}, B_1 = 289$
4746: $p_{56}^5 \Rightarrow 11 \cdot 17 \cdot 29 \cdot n, B_1 = 346; q^2, B_3 = 335$
4748: $230329301^{16} \Rightarrow n, B_1 = 307; q^{18}, B_2 = 301$
4750: $4933^6 \Rightarrow 3221 \cdot 360851 \cdot p_{14}, B_1 = 70$
4751: $p_{14}^1 \Rightarrow 23^2 \cdot 151 \cdot 77619973, B_1 = 92$
4752: $77619973^2 \Rightarrow 3 \cdot 7 \cdot 829 \cdot 386641 \cdot 895087, B_1 = 122$
4753: $895087^2 \Rightarrow 3 \cdot 7 \cdot 38151506317, B_1 = 143$
4754: $38151506317^2 \Rightarrow 3 \cdot 31^2 \cdot 785947 \cdot 642370334407, B_1 = 183$
4755: $642370334407^2 \Rightarrow 3 \cdot 7^2 \cdot 13 \dots, S \ 3^4 \cdot 7^4 \cdot 13^2 \cdot 23^2 \cdot 31^2$
4756: $642370334407^4 \Rightarrow 101 \dots, S \ 3^4 \cdot 7^4 \cdot 23^2 \cdot 31^2 \cdot 37^2 \cdot 43^2 \cdot 101^2$
4757: $642370334407^6 \Rightarrow 659 \cdot n, B_1 = 304$
4758: $642370334407^{10} \Rightarrow n, B_1 = 395; q^{12}, B_3 = 301$
4760: $38151506317^4 \Rightarrow 66808946361933631 \cdot P_{26}, B_1 = 249$
4761: $P_{26}^2 \Rightarrow n, B_1 = 300; q^4, B_3 = 300$
4763: $38151506317^6 \Rightarrow 7 \cdot 43 \cdot 69153869 \cdot 3759138226321653080263 \cdot p_{32}, B_1 = 308$
4764: $38151506317^{10} \Rightarrow 11 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 23^2 \cdot 37^2 \cdot 43^2$
4765: $38151506317^{12} \Rightarrow 53 \cdot n, B_1 = 378; q^{16}, B_2 = 338$
4767: $895087^4 \Rightarrow 41 \cdot 61 \cdot 181 \cdot 593951 \cdot P_{13}, B_1 = 182$
4768: $P_{13}^2 \Rightarrow 19 \dots, D$
4769: $P_{13}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
4770: $P_{13}^6 \Rightarrow 7 \cdot 29 \dots, S \ 3^2 \cdot 7^4 \cdot 23^2 \cdot 29^2 \cdot 37^2 \cdot 41^2 \cdot 43^2 \cdot 61^2$
4771: $P_{13}^{10} \Rightarrow 23 \cdot 67 \cdot 199 \cdot n, B_1 = 410; q^{12}, B_3 = 306$
4773: $895087^6 \Rightarrow p_{36}, B_1 = 218$
4774: $p_{36}^2 \Rightarrow 3 \cdot 3818820915574591 \cdot P_{56}, B_1 = 359$
4775: $p_{36}^4 \Rightarrow n, B_1 = 432; q^6, B_2 = 428$
4777: $895087^{10} \Rightarrow p_{60}, B_1 = 289$
4778: $p_{60}^2 \Rightarrow n, B_1 = 408; q^4, B_2 = 476$
4780: $895087^{12} \Rightarrow 50559653 \cdot 34277814832213213 \cdot p_{48}, B_1 = 325$
4781: $895087^{16} \Rightarrow n, B_1 = 301$
4782: $895087^{18} \Rightarrow n, B_1 = 325$
4783: $895087^{22} \Rightarrow n, B_1 = 372; q^{28}, B_2 = 333$
4785: $77619973^4 \Rightarrow 193360351 \cdot P_{24}, B_1 = 171$
4786: $P_{24}^2 \Rightarrow 13 \cdot 271 \cdot 210247 \cdot 2534613460865329 \cdot p_{23}, B_1 = 264$
4787: $p_{23}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 7^4 \cdot 13^2 \cdot 23^2 \cdot 37^2 \cdot 43^2$
4788: $p_{23}^4, B_3 = 309$
4789: $P_{24}^4 \Rightarrow 5 \cdot 41 \cdot n, B_1 = 313$
4790: $P_{24}^6 \Rightarrow 113 \cdot n, B_1 = 406; q^{10}, B_2 = 465$
4792: $77619973^6 \Rightarrow 29 \cdot 1444913 \cdot P_{40}, B_1 = 219$
4793: $P_{40}^2 \Rightarrow 3 \cdot 12316202876333688289 \cdot P_{60}, B_1 = 378; q^4, B_2 = 317$
4795: $77619973^{10} \Rightarrow 2179 \cdot 28674229 \cdot 161009785949 \cdot 184591201699280531 \cdot P_{40}, B_1 = 313$
4796: $77619973^{12} \Rightarrow 53 \cdot 17863 \cdot c_{89}, B_1 = 272$
4797: $17863^2 \Rightarrow 3 \cdot 106368211, B_1 = 289$
4798: $106368211^2 \Rightarrow 3 \cdot 439 \cdot n, B_1 = 307; q^4, B_3 = 305$
4800: $17863^4 \Rightarrow 101 \cdot 181 \cdot n, B_1 = 302$
4801: $17863^6 \Rightarrow n, B_1 = 314; q^{10}, B_3 = 306$

4803: $77619973^{16} \Rightarrow 103 \cdot n, B_1 = 331$
4804: $77619973^{18} \Rightarrow n, B_1 = 361; q^{22}, B_2 = 347$
4806: $p_{14}^2 \Rightarrow 19 \dots, D$
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: $p_{14}^6 \Rightarrow 7 \cdot 827 \cdot 8681 \cdot 336557593815525601 \cdot 23675667294643176026089 \cdot P_{31}, B_1 = 268$
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: $P_{22}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^4$
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: $P_{22}^2 \Rightarrow 127 \dots, D$
4836: $P_{22}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
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: $p_{48}^1 \Rightarrow 5 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
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: $P_{18}^2 \Rightarrow 19 \dots, D; q^4, B_3 = 334$
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: $4933^{28} \Rightarrow 59 \cdot 523 \cdot 12982873237 \cdot 329142823777 \cdot 291944018133683 \cdot P_{63}, B_1 = 315$
4863: $4933^{30} \Rightarrow 48857 \cdot 239818604251518036931560401 \cdot P_{80}, B_1 = 322$
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: $6294091^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5 \cdot 7^4$
4869: $6294091^4 \Rightarrow 5 \cdot 1963111 \cdot 2692801 \cdot P_{14}, B_1 = 104$
4870: $P_{14}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
4871: $P_{14}^4 \Rightarrow 5 \cdot 41 \cdot 151 \cdot 620491004093431 \cdot 454404389982705091 \cdot P_{19}, B_1 = 242$
4872: $P_{19}^2 \Rightarrow 19 \dots, D$

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: $P_{42}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
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: $P_{33}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
4883: $P_{33}^4 \Rightarrow 11 \cdot n, B_1 = 391; q^6, B_2 = 393$
4885: $p_{41}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5 \cdot 7^4$
4886: $p_{41}^4, B_2 = 326$
4887: $6294091^{10} \Rightarrow 11 \cdot 23 \cdot p_{66}, B_1 = 169$
4888: $p_{66}^1 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
4889: $p_{66}^2 \Rightarrow n, B_1 = 365; q^4, B_2 = 524$
4891: $6294091^{12} \Rightarrow 106881652665269 \cdot 841097827665750724034766893 \cdot p_{41}, B_1 = 235$
4892: $p_{41}^1 \Rightarrow 5^2 \cdot 7 \cdot 131 \cdot 1493 \cdot 46931005651459 \cdot P_{20}, B_1 = 312$
4893: $p_{41}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5 \cdot 7^4$
4894: $p_{41}^4, B_3 = 330$
4895: $6294091^{16} \Rightarrow 13478976826145557 \cdot p_{93}, B_1 = 264$
4896: $p_{93}^1 \Rightarrow 3^2 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
4897: $p_{93}^2, B_2 = 370$
4898: $6294091^{18} \Rightarrow 3680491 \cdot c_{116}, B_1 = 281$
4899: $3680491^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5 \cdot 7^4$
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: $p_{37}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
4920: $p_{37}^6, B_2 = 434$
4921: $480771505499^6 \Rightarrow 127 \dots, D$
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: $809292571^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
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: $p_{22}^6 \Rightarrow 7 \cdot n, B_1 = 352; q^{10}, B_2 = 436$

4941: $p_{23}^2 \Rightarrow 19 \dots, D$
 4942: $p_{23}^4 \Rightarrow 1954904836276391 \cdot c_{74}, B_1 = 258$
 4943: $P_{16}^2 \Rightarrow 163 \cdot 397 \cdot 407599 \cdot p_{21}, B_1 = 302$
 4944: $P_{16}^4 \Rightarrow 5 \cdot 251 \cdot n, B_1 = 353; q^6, B_3 = 319$
 4946: $p_{23}^6 \Rightarrow 7 \cdot n, B_1 = 330; q^{10}, B_2 = 442$
 4948: $p_{13}^4 \Rightarrow 11 \cdot 281 \cdot 421 \cdot 4091 \cdot p_{41}, B_1 = 148$
 4949: $p_{41}^1 \Rightarrow 3^3 \cdot 132019 \cdot 141443 \cdot 1765899395563 \cdot p_{16}, B_1 = 226$
 4950: $p_{16}^2 \Rightarrow 3 \cdot 7 \cdot 13 \dots, S \ 3^4 \cdot 7^4 \cdot 11^2 \cdot 13^2$
 4951: $p_{16}^4 \Rightarrow 11 \cdot 811 \cdot n, B_1 = 323$
 4952: $p_{16}^6 \Rightarrow 197 \cdot n, B_1 = 387; q^{10}, B_3 = 353$
 4954: $p_{41}^2 \Rightarrow 19 \dots, D; q^4, B_2 = 320$
 4956: $p_{13}^6 \Rightarrow 127 \dots, D$
 4957: $p_{13}^{10} \Rightarrow 23 \cdot 1277 \cdot 359137364064029 \cdot p_{106}, B_1 = 307$
 4958: $p_{13}^{12} \Rightarrow n, B_1 = 334; q^{16}, B_2 = 398$
 4960: $2801^{10} \Rightarrow 23 \cdot 1372537 \cdot 10196539 \cdot 45437789 \cdot P_{13}, B_1 = 99$
 4961: $P_{13}^2 \Rightarrow 3 \cdot 109 \cdot 54907 \cdot p_{18}, B_1 = 138$
 4962: $p_{18}^1 \Rightarrow 2423 \cdot 55163 \cdot 861235321, B_1 = 172$
 4963: $861235321^2 \Rightarrow 3 \cdot 7 \cdot P_{17}, B_1 = 205$
 4964: $P_{17}^2 \Rightarrow 3 \cdot 97 \cdot 191911 \cdot 203653 \cdot 1663002277 \cdot 65958721573, B_1 = 272$
 4965: $65958721573^2 \Rightarrow 3 \cdot 2452859971 \cdot 591221812231, B_1 = 314$
 4966: $65958721573^4 \Rightarrow n, B_1 = 336; q^6, B_3 = 315$
 4968: $P_{17}^4 \Rightarrow n, B_1 = 305$
 4969: $P_{17}^6 \Rightarrow n, B_1 = 371; q^{10}, B_3 = 338$
 4971: $861235321^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
 4972: $861235321^6 \Rightarrow 29 \cdot 12377 \cdot 1079852201 \cdot 1736291663 \cdot p_{30}, B_1 = 315$
 4973: $861235321^{10} \Rightarrow 11 \cdot 89 \cdot n, B_1 = 336$
 4974: $861235321^{12} \Rightarrow 157 \cdot n, B_1 = 371$
 4975: $861235321^{16} \Rightarrow 103 \cdot n, B_1 = 442; q^{18}, B_2 = 321$
 4977: $p_{18}^2 \Rightarrow 3 \cdot 7 \cdot 103 \cdot 223 \cdot 1660507 \cdot p_{23}, B_1 = 200$
 4978: $p_{23}^1 \Rightarrow 5^3 \dots, S \ 3^2 \cdot 5^4 \cdot 7^4$
 4979: $p_{23}^2 \Rightarrow 3 \cdot 43 \cdot 78787 \cdot p_{39}, B_1 = 275$
 4980: $p_{39}^1 \Rightarrow n, B_1 = 313; q^2, B_3 = 306$
 4982: $p_{23}^4 \Rightarrow 11 \cdot 71 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 23^2 \cdot 71^2 \cdot 103^2 \cdot 109$
 4983: $p_{23}^6, B_3 = 306$
 4984: $p_{18}^4 \Rightarrow 11^2 \cdot 41 \cdot 101 \dots, S \ 3^2 \cdot 7^4 \cdot 11^2 \cdot 23^2 \cdot 41 \cdot 101^2$
 4985: $p_{18}^6 \Rightarrow 43 \cdot n, B_1 = 323; q^{10}, B_2 = 347$
 4987: $P_{13}^4 \Rightarrow 5 \cdot 9421 \cdot 574711 \cdot 9591301416738011 \cdot p_{23}, B_1 = 207$
 4988: $p_{23}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^4$
 4989: $p_{23}^2 \Rightarrow 79 \cdot 181 \cdot 1677475489 \cdot p_{33}, B_1 = 288$
 4990: $p_{33}^1 \Rightarrow 79 \cdot n, B_1 = 318; q^2, B_3 = 311$
 4992: $p_{23}^4 \Rightarrow 5 \cdot 11 \cdot n, B_1 = 359; q^6, B_3 = 313$
 4994: $P_{13}^6 \Rightarrow 617 \cdot p_{72}, B_1 = 232$
 4995: $p_{72}^1 \Rightarrow 3 \cdot n, B_1 = 303$
 4996: $p_{72}^2 \Rightarrow 97 \cdot n, B_1 = 440; q^4, B_2 = 568$
 4998: $P_{13}^{10} \Rightarrow 11 \cdot 23 \cdot n, B_1 = 320$
 4999: $P_{13}^{12} \Rightarrow 599 \cdot n, B_1 = 372; q^{16}, B_2 = 393$
 5001: $2801^{12} \Rightarrow 1483 \cdot 8932457 \cdot 22867937 \cdot P_{24}, B_1 = 120$
 5002: $P_{24}^2 \Rightarrow 3 \cdot 7 \cdot 43 \cdot 7766436390529 \cdot 298201259281183 \cdot p_{18}, B_1 = 203$
 5003: $p_{18}^1 \Rightarrow 479 \cdot 709 \cdot 1009 \cdot 4013 \cdot 103123, B_1 = 238$
 5004: $103123^2 \Rightarrow 3 \cdot 9949 \cdot 356299, B_1 = 257$
 5005: $356299^2 \Rightarrow 19 \dots, D$
 5006: $356299^4 \Rightarrow 11 \cdot 31 \cdot 1861 \cdot 2141 \cdot p_{14}, B_1 = 312$
 5007: $356299^6 \Rightarrow 127 \dots, D; q^{10}, B_3 = 301$
 5009: $103123^4 \Rightarrow 11 \cdot 7430341 \cdot P_{13}, B_1 = 288$

5010: $P_{13}^2 \Rightarrow 127 \dots, D; q^4, B_3 = 312$
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: $p_{18}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^4$
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: $2801^{16} \Rightarrow 1460743 \cdot 1155061928281837112683 \cdot p_{28}, B_1 = 140$
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: $2801^{28} \Rightarrow 59 \cdot 1277 \cdot 1575397 \cdot 107455620197609952794311 \cdot p_{63}, B_1 = 230$
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: $2801^{36} \Rightarrow 1777 \cdot 2257201135906313 \cdot 342160502995120879 \cdot P_{88}, B_1 = 360$
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: $571^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^6$
5074: $571^6 \Rightarrow 29^2 \cdot p_{14}, B_1 = 71$
5075: $p_{14}^2 \Rightarrow 3 \cdot 13 \cdot 43 \dots, S \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^4 \cdot 43^2$
5076: $p_{14}^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 7^6 \cdot 11^2 \cdot 13^2$
5077: $p_{14}^6 \Rightarrow 7 \cdot 337 \cdot 673 \cdot 180097 \cdot 1543777079239447258619538647509667 \cdot P_{38}, B_1 = 287$
5078: $P_{38}^2 \Rightarrow 13^2 \cdot n, B_1 = 361; q^4, B_3 = 361$
5080: $p_{14}^{10} \Rightarrow 67 \dots, S \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^4 \cdot 67^2 \cdot 109^2$
5081: $p_{14}^{12}, B_2 = 326$

5082: $571^{10} \Rightarrow 419 \cdot 2277499309493 \cdot P_{13}, B_1 = 107$
5083: $P_{13}^2 \Rightarrow 541 \cdot 1279 \cdot 25117 \cdot P_{15}, B_1 = 157$
5084: $P_{15}^2 \Rightarrow 3 \cdot 6763 \cdot 38007421 \cdot 83652853 \cdot 11484690109, B_1 = 216$
5085: $11484690109^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot 65193673 \cdot 7410891679, B_1 = 252$
5086: $7410891679^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot 37 \dots, S \ 3^6 \cdot 7^6 \cdot 13^4 \cdot 29^2 \cdot 37^2$
5087: $7410891679^4 \Rightarrow 11^2 \dots, S \ 3^6 \cdot 7^6 \cdot 11^2 \cdot 13^2$
5088: $7410891679^6 \Rightarrow n, B_1 = 351; q^{10}, B_3 = 331$
5090: $11484690109^4 \Rightarrow 41 \dots, S \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 41^2$
5091: $11484690109^6 \Rightarrow 29 \cdot 43 \dots, S \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 43^2$
5092: $11484690109^{10} \Rightarrow 23 \dots, S \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 23^2 \cdot 29^2$
5093: $11484690109^{12}, B_3 = 317$
5094: $P_{15}^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^6$
5095: $P_{15}^6 \Rightarrow 7 \cdot 29 \cdot n, B_1 = 304$
5096: $P_{15}^{10} \Rightarrow 23 \dots, S \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 23^2 \cdot 29^2$
5097: $P_{15}^{12}, B_2 = 358$
5098: $P_{13}^4 \Rightarrow 151 \dots, S \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 109^2 \cdot 151^2 \cdot 263^2 \cdot 419^2 \cdot 571^{10}$
5099: $P_{13}^6 \Rightarrow 7 \cdot 8923733659 \cdot 471595255097 \cdot p_{54}, B_1 = 307$
5100: $P_{13}^{10} \Rightarrow 11 \dots, S \ 3^4 \cdot 7^6 \cdot 11^2 \cdot 13^2$
5101: $P_{13}^{12}, B_2 = 302$
5102: $571^{12} \Rightarrow 79 \dots, S \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 79^2 \cdot 109^2 \cdot 263^2$
5103: $571^{16} \Rightarrow p_{45}, B_1 = 157$
5104: $p_{45}^2 \Rightarrow 271 \cdot 1201 \cdot 3253 \cdot 41318874974595979 \cdot P_{63}, B_1 = 333; q^4, B_2 = 352$
5106: $571^{18} \Rightarrow 19 \dots, D$
5107: $571^{22} \Rightarrow 47 \dots, S \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 47^2 \cdot 109^2$
5108: $571^{28} \Rightarrow 979969 \cdot 1491761 \cdot 5927461207 \cdot P_{56}, B_1 = 256$
5109: $P_{56}^2 \Rightarrow 19 \dots, D$
5110: $P_{56}^4, B_2 = 441$
5111: $571^{30} \Rightarrow 311 \cdot 683 \cdot 5436773423413 \cdot 551216569962427550936660854579 \cdot P_{35}, B_1 = 272$
5112: $P_{35}^2 \Rightarrow 3 \cdot 463 \cdot n, B_1 = 344; q^4, B_3 = 342$
5114: $571^{36} \Rightarrow 2221 \cdot 1150091808949545695869 \cdot$
 $2539616896176867062715355845959 \cdot P_{45}, B_1 = 322$
5115: $571^{40} \Rightarrow 28619 \cdot P_{106}, B_1 = 355$
5116: $571^{42} \Rightarrow 173 \cdot 1119387697 \cdot c_{105}, B_1 = 267$
5117: $1119387697^2 \Rightarrow 3 \cdot 5107 \cdot P_{14}, B_1 = 302$
5118: $1119387697^4 \Rightarrow 191 \dots, S \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 109^2 \cdot 173^2 \cdot 191^2 \cdot 263^2$
5119: $1119387697^6, B_3 = 303$
5120: $571^{46} \Rightarrow 36173927 \cdot 9962818087550984807 \cdot p_{101}, B_1 = 405$
5121: $571^{52} \Rightarrow 107 \dots, S \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 107^2 \cdot 109^2 \cdot 263^2 \cdot 571^{52}$
5122: $571^{58}, B_2 = 319$
5123: $109^4 \Rightarrow 31 \cdot 191 \cdot 24061, B_1 = 44$
5124: $24061^2 \Rightarrow 19 \dots, D$
5125: $24061^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^6$
5126: $24061^6 \Rightarrow 29 \cdot 3823 \cdot p_{22}, B_1 = 111$
5127: $p_{22}^2 \Rightarrow 945649657 \cdot 19063784705143 \cdot p_{21}, B_1 = 196$
5128: $p_{21}^2 \Rightarrow 127 \dots, D$
5129: $p_{21}^4 \Rightarrow 311 \cdot n, B_1 = 320$
5130: $p_{21}^6 \Rightarrow 7 \cdot n, B_1 = 397; q^{10}, B_2 = 404$
5132: $p_{22}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^6$
5133: $p_{22}^6 \Rightarrow 7 \cdot n, B_1 = 322; q^{10}, B_2 = 424$
5135: $24061^{10} \Rightarrow 23 \dots, S \ 3^2 \cdot 7^6 \cdot 13^2 \cdot 23^2 \cdot 29^2 \cdot 31^2$
5136: $24061^{12} \Rightarrow 66821 \cdot 276029238187223 \cdot P_{34}, B_1 = 193$
5137: $P_{34}^2 \Rightarrow 127 \dots, D$
5138: $P_{34}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^6$
5139: $P_{34}^6, B_2 = 399$

5140: $24061^{16} \Rightarrow 307 \cdot P_{68}, B_1 = 245$
5141: $P_{68}^2 \Rightarrow 7 \cdot 13 \cdot 397 \dots, S \ 3^2 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 31^2 \cdot 109^4 \cdot 191^2 \cdot 263^2 \cdot 307^2 \cdot 397^2$
5142: $P_{68}^4, B_2 = 540$
5143: $24061^{18} \Rightarrow 229 \cdot 3093932641 \cdot 12060447107 \cdot 1154001913508630925083623 \cdot P_{33}, B_1 = 271$
5144: $P_{33}^2 \Rightarrow 7 \cdot 13 \cdot 37 \dots, S \ 3^2 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 31^2 \cdot 37^2$
5145: $P_{33}^4, B_3 = 337$
5146: $24061^{22} \Rightarrow 41666004596981 \cdot 3983617350235013 \cdot P_{68}, B_1 = 324$
5147: $24061^{28} \Rightarrow 59 \dots, S \ 3^2 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 31^2 \cdot 59^2 \cdot 109^4$
5148: $24061^{30} \Rightarrow 373 \cdot n, B_1 = 300; q^{36}, B_2 = 315$
5150: $109^6 \Rightarrow 113 \cdot 281 \cdot 53306107, B_1 = 56$
5151: $53306107^2 \Rightarrow 19 \dots, D$
5152: $53306107^4 \Rightarrow 47711 \cdot P_{27}, B_1 = 133$
5153: $P_{27}^2 \Rightarrow 3 \cdot 7 \cdot 13 \dots, S \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 109^6 \cdot 113^2 \cdot 263^2 \cdot 281^2$
5154: $P_{27}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^6$
5155: $P_{27}^6, B_2 = 314$
5156: $53306107^6 \Rightarrow 127 \dots, D$
5157: $53306107^{10} \Rightarrow 89 \cdot 617 \cdot 43781 \cdot p_{68}, B_1 = 272$
5158: $p_{68}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 89^2 \cdot 109^6 \cdot 113^2$
5159: $p_{68}^4, B_2 = 543$
5160: $53306107^{12} \Rightarrow 79 \cdot 21155863 \cdot 6250747829 \cdot 18038601283 \cdot 28490674369 \cdot P_{53}, B_1 = 319$
5161: $53306107^{16} \Rightarrow 714731365940245592571092209 \cdot n, B_1 = 315$
5162: $53306107^{18} \Rightarrow 457 \cdot n, B_1 = 321; q^{22}, B_2 = 339$
5164: $109^{10} \Rightarrow 9967 \cdot p_{17}, B_1 = 80$
5165: $p_{17}^2 \Rightarrow 7 \cdot p_{32}, B_1 = 144$
5166: $p_{32}^2 \Rightarrow 3 \cdot 7 \cdot 103 \cdot 39769 \cdot 118669076287 \cdot 246572137794998563 \cdot p_{28}, B_1 = 270$
5167: $p_{28}^2 \Rightarrow 3 \cdot n, B_1 = 324; q^4, B_3 = 325$
5169: $p_{32}^4 \Rightarrow n, B_1 = 336; q^6, B_2 = 382$
5171: $p_{17}^4 \Rightarrow 31 \cdot 421 \cdot P_{62}, B_1 = 244$
5172: $P_{62}^2 \Rightarrow 3 \dots, S \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 31^2$
5173: $P_{62}^4, B_2 = 491$
5174: $p_{17}^6 \Rightarrow 14321189 \cdot 1542487131851 \cdot c_{79}, B_1 = 263$
5175: $P_{13}^2 \Rightarrow 13 \cdot 1489 \cdot 260671 \cdot P_{15}, B_1 = 310$
5176: $P_{13}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^6$
5177: $P_{13}^6, B_3 = 312$
5178: $p_{17}^{10}, B_2 = 327$
5179: $109^{12} \Rightarrow 292631 \cdot P_{19}, B_1 = 93$
5180: $P_{19}^2 \Rightarrow 24967 \cdot 3556843 \cdot p_{28}, B_1 = 168$
5181: $p_{28}^2 \Rightarrow 3 \cdot 31 \dots, S \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 31^2$
5182: $p_{28}^4 \Rightarrow 311 \cdot n, B_1 = 333; q^6, B_2 = 324$
5184: $P_{19}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^6$
5185: $P_{19}^6 \Rightarrow 2219869 \cdot 3329033 \cdot c_{102}, B_1 = 295$
5186: $3329033^2 \Rightarrow 31 \cdot n, B_1 = 310; q^4, B_3 = 308$
5188: $P_{19}^{10}, B_2 = 379$
5189: $109^{16} \Rightarrow p_{33}, B_1 = 117$
5190: $p_{33}^2 \Rightarrow 61 \cdot 193 \cdot 337 \cdot 4957 \cdot 1466738347 \cdot 2040500950897 \cdot 30473306430913 \cdot p_{20}, B_1 = 247$
5191: $p_{20}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 61^2 \cdot 109^{16}$
5192: $p_{20}^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 7^6 \cdot 11^2 \cdot 13^2$
5193: $p_{20}^6, B_3 = 327$
5194: $p_{33}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^6$
5195: $p_{33}^6, B_2 = 391$
5196: $109^{18} \Rightarrow 1787 \cdot p_{34}, B_1 = 129$
5197: $p_{34}^2 \Rightarrow 7 \cdot 13 \cdot 643407868800790858293439 \cdot P_{42}, B_1 = 259$
5198: $P_{42}^2 \Rightarrow 3 \cdot 7 \cdot n, B_1 = 341; q^4, B_3 = 341$
5200: $p_{34}^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 7^6 \cdot 11^2 \cdot 13^2$

5201: $p_{34}^6, B_2 = 401$
5202: $109^{22} \Rightarrow 5521 \cdot 7039 \cdot 454297 \cdot p_{32}, B_1 = 154$
5203: $p_{32}^2 \Rightarrow 7 \cdot 37 \cdot 440569 \cdot 2683339 \cdot 59750443 \cdot 925071421 \cdot 2713451437 \cdot p_{23}, B_1 = 278$
5204: $p_{23}^2 \Rightarrow 3 \dots, S \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 37^2$
5205: $p_{23}^4, B_3 = 323$
5206: $p_{32}^4 \Rightarrow 31 \cdot n, B_1 = 345; q^6, B_2 = 378$
5208: $109^{28} \Rightarrow 7193 \cdot 73951 \cdot 22601114563 \cdot p_{38}, B_1 = 190$
5209: $p_{38}^2 \Rightarrow 3 \cdot 1260633373 \cdot p_{67}, B_1 = 342; q^4, B_2 = 303$
5211: $109^{30} \Rightarrow 373 \cdot 209623 \cdot 118912328583511 \cdot P_{40}, B_1 = 203$
5212: $P_{40}^2 \Rightarrow 3 \cdot 7 \cdot 2473 \cdot 81667 \cdot 391902413587 \cdot n, B_1 = 300; q^4, B_2 = 313$
5214: $109^{36} \Rightarrow 2591 \cdot 3923 \cdot 243921354057313 \cdot p_{52}, B_1 = 239$
5215: $p_{52}^2 \Rightarrow 3 \cdot n, B_1 = 344; q^4, B_2 = 415$
5217: $109^{40} \Rightarrow 83 \cdot 1917911910064485032969180401 \cdot P_{53}, B_1 = 264$
5218: $P_{53}^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 83^2 \cdot 109^{40} \cdot 263^2$
5219: $P_{53}^4, B_2 = 418$
5220: $109^{42} \Rightarrow 173 \cdot 10321 \cdot 1030577145377926171 \cdot 39700567001926232366479 \cdot P_{39}, B_1 = 276$
5221: $P_{39}^2 \Rightarrow 7 \cdot 13 \cdot n, B_1 = 351; q^4, B_3 = 353$
5223: $109^{46} \Rightarrow 650669 \cdot 180271497436886113 \cdot 266974535050755482069037661559 \cdot p_{42}, B_1 = 300$
5224: $109^{52} \Rightarrow 140770364536332844996099181411 \cdot P_{77}, B_1 = 337$
5225: $109^{58} \Rightarrow 21713 \cdot c_{114}, B_1 = 260$
5226: $21713^2 \Rightarrow 13 \cdot 36267391, B_1 = 275$
5227: $36267391^2 \Rightarrow 3 \cdot 97 \dots, S \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 97^2 \cdot 109^{58} \cdot 263^2$
5228: $36267391^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^6$
5229: $36267391^6, B_3 = 305$
5230: $21713^4 \Rightarrow 61 \cdot p_{16}, B_1 = 303$
5231: $21713^6 \Rightarrow 43 \cdot n, B_1 = 305$
5232: $21713^{10} \Rightarrow n, B_1 = 338; q^{12}, B_3 = 303$
5234: $109^{60} \Rightarrow 352522452025591270385951 \cdot P_{99}, B_1 = 386$
5235: $109^{66} \Rightarrow 2991005432194369 \cdot 3296412882698629 \cdot n, B_1 = 319$
5236: $109^{70} \Rightarrow n, B_1 = 304$
5237: $109^{72} \Rightarrow 293 \cdot 439 \cdot n, B_1 = 318; q^{78}, B_2 = 317$
5239: $263^4 \Rightarrow 4802611441, B_1 = 41$
5240: $4802611441^2 \Rightarrow 3 \cdot 103 \cdot 151 \cdot 223 \cdot 10651 \cdot 208124989, B_1 = 80$
5241: $208124989^2 \Rightarrow 3 \cdot 7 \cdot 37 \cdot P_{14}, B_1 = 111$
5242: $P_{14}^2 \Rightarrow 3 \cdot 7 \cdot 67 \cdot 17299 \cdot 1578961 \cdot 1692337 \cdot 47783893, B_1 = 164$
5243: $47783893^2 \Rightarrow 3 \cdot 67 \cdot 73 \cdot 463 \cdot 336095857, B_1 = 190$
5244: $336095857^2 \Rightarrow 3 \cdot 963499 \cdot 39079931731, B_1 = 224$
5245: $39079931731^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^8 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 37^2$
5246: $39079931731^4 \Rightarrow 5 \dots, S \ 3^8 \cdot 5^2 \cdot 7^6$
5247: $39079931731^6 \Rightarrow 7 \cdot 29 \cdot 71 \cdot n, B_1 = 329; q^{10}, B_3 = 309$
5249: $336095857^4 \Rightarrow 11 \dots, S \ 3^6 \cdot 7^6 \cdot 11^2 \cdot 29^2 \cdot 37^2$
5250: $336095857^6 \Rightarrow 3741053 \cdot 26644367 \cdot 89097843899 \cdot P_{27}, B_1 = 326$
5251: $336095857^{10} \Rightarrow 23 \dots, S \ 3^6 \cdot 7^6 \cdot 23^2 \cdot 29^2 \cdot 37^2 \cdot 67^2 \cdot 73^2$
5252: $336095857^{12} \Rightarrow 521 \cdot n, B_1 = 380; q^{16}, B_3 = 309$
5254: $47783893^4 \Rightarrow 11 \dots, S \ 3^6 \cdot 7^6 \cdot 11^2 \cdot 29^2 \cdot 37^2$
5255: $47783893^6 \Rightarrow 127 \dots, D$
5256: $47783893^{10} \Rightarrow 23 \dots, S \ 3^6 \cdot 7^6 \cdot 23^2 \cdot 29^2 \cdot 37^2 \cdot 67^2 \cdot 103^2 \cdot 151^2$
5257: $47783893^{12} \Rightarrow 13 \dots, S \ 3^6 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 37^2$
5258: $47783893^{16} \Rightarrow 103 \cdot 137 \cdot n, B_1 = 394$
5259: $47783893^{18} \Rightarrow n, B_1 = 425; q^{22}, B_2 = 337$
5261: $P_{14}^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 7^6 \cdot 11^2 \cdot 29^2 \cdot 37^2$
5262: $P_{14}^6 \Rightarrow 666242815608669494517809089 \cdot p_{56}, B_1 = 330$
5263: $P_{14}^{10} \Rightarrow 859 \cdot n, B_1 = 361; q^{12}, B_2 = 329$
5265: $208124989^4 \Rightarrow 41 \cdot 1471 \cdot P_{29}, B_1 = 163$

5266: $P_{29}^2 \Rightarrow 3 \cdot 7 \cdot 2089 \cdot 18451 \cdot P_{49}, B_1 = 274$
5267: $P_{49}^2 \Rightarrow 19 \dots, D$
5268: $P_{49}^4, B_2 = 384$
5269: $P_{29}^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^6$
5270: $P_{29}^6, B_2 = 341$
5271: $208124989^6 \Rightarrow 59501891 \cdot p_{43}, B_1 = 213$
5272: $p_{43}^2 \Rightarrow 211213 \cdot n, B_1 = 303; q^4, B_2 = 337$
5274: $208124989^{10} \Rightarrow 23 \cdot 89 \cdot 545392189 \cdot p_{72}, B_1 = 313$
5275: $208124989^{12} \Rightarrow 1951 \cdot 275783 \cdot 44056029473 \cdot$
 $24867473184919 \cdot 116922295878813091603 \cdot p_{47}, B_1 = 363$
5276: $208124989^{16} \Rightarrow n, B_1 = 329$
5277: $208124989^{18} \Rightarrow n, B_1 = 363; q^{22}, B_2 = 366$
5279: $4802611441^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^6$
5280: $4802611441^6 \Rightarrow 6007 \cdot 1983409 \cdot 60895591 \cdot 17431217950865286653 \cdot P_{21}, B_1 = 196$
5281: $P_{21}^2 \Rightarrow 1864900309 \cdot p_{33}, B_1 = 280$
5282: $p_{33}^2 \Rightarrow 19 \dots, D; q^4, B_3 = 345$
5284: $P_{21}^4 \Rightarrow n, B_1 = 322$
5285: $P_{21}^6 \Rightarrow 127 \dots, D; q^{10}, B_2 = 419$
5287: $4802611441^{10} \Rightarrow 11 \cdot 23 \dots, S \ 3^2 \cdot 7^6 \cdot 11^2 \cdot 23^2 \cdot 29^2$
5288: $4802611441^{12} \Rightarrow 340913 \cdot c_{111}, B_1 = 260$
5289: $340913^2 \Rightarrow 116222014483, B_1 = 282$
5290: $116222014483^2 \Rightarrow 3 \cdot 13 \cdot 79 \cdot 199 \cdot n, B_1 = 310; q^4, B_3 = 304$
5292: $340913^4 \Rightarrow p_{23}, B_1 = 315$
5293: $340913^6 \Rightarrow 211 \cdot n, B_1 = 317; q^{10}, B_3 = 304$
5295: $4802611441^{16}, B_2 = 309$
5296: $263^6 \Rightarrow 239 \cdot 7211 \cdot 192750517, B_1 = 56$
5297: $192750517^2 \Rightarrow 3 \cdot 157189 \cdot 78785754721, B_1 = 89$
5298: $78785754721^2 \Rightarrow 3 \cdot 7 \cdot 434479 \cdot p_{15}, B_1 = 130$
5299: $p_{15}^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot 73 \cdot 97 \dots, S \ 3^6 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 73^2 \cdot 97^2$
5300: $p_{15}^4 \Rightarrow 11 \cdot 6010211 \cdot p_{52}, B_1 = 278$
5301: $p_{52}^2 \Rightarrow n, B_1 = 381; q^4, B_2 = 412$
5303: $p_{15}^6 \Rightarrow 29 \cdot 421 \cdot 63659 \cdot 46101931 \cdot 17354266853252267 \cdot n, B_1 = 308$
5304: $p_{15}^{10} \Rightarrow 23 \cdot n, B_1 = 398; q^{12}, B_2 = 355$
5306: $78785754721^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^6$
5307: $78785754721^6 \Rightarrow 29 \cdot 82091250809 \cdot 57620388685963446617 \cdot P_{34}, B_1 = 260$
5308: $P_{34}^2 \Rightarrow n, B_1 = 327; q^4, B_3 = 327$
5310: $78785754721^{10} \Rightarrow 23 \cdot 67 \cdot c_{106}, B_1 = 288$
5311: $67^2 \Rightarrow 3 \cdot 7^2 \cdot 31, B_1 = 291$
5312: $31^2 \Rightarrow 3 \dots, S \ 3^6 \cdot 7^6 \cdot 23^2 \cdot 29^2 \cdot 31^2 \cdot 67^2 \cdot 239^2 \cdot 263^6$
5313: $31^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^6$
5314: $31^6 \Rightarrow n, B_1 = 306; q^{10}, B_3 = 303$
5316: $67^4 \Rightarrow 761 \cdot n, B_1 = 302$
5317: $67^6 \Rightarrow n, B_1 = 306; q^{10}, B_3 = 303$
5319: $78785754721^{12} \Rightarrow n, B_1 = 329; q^{16}, B_2 = 348$
5321: $192750517^4 \Rightarrow 11 \cdot 1291 \cdot 20065811 \cdot P_{22}, B_1 = 139$
5322: $P_{22}^2 \Rightarrow 13^2 \dots, S \ 3^2 \cdot 7^6 \cdot 11^2 \cdot 13^2$
5323: $P_{22}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^6$
5324: $P_{22}^6 \Rightarrow 29 \cdot n, B_1 = 354; q^{10}, B_2 = 433$
5326: $192750517^6 \Rightarrow 7 \cdot 29 \cdot 661459 \cdot 1389277 \cdot 557597259471113 \cdot P_{21}, B_1 = 184$
5327: $P_{21}^2 \Rightarrow 3 \cdot 894547 \cdot 38655559 \cdot 64525231 \cdot p_{20}, B_1 = 266$
5328: $p_{20}^2 \Rightarrow 3 \cdot 73 \cdot n, B_1 = 307; q^4, B_3 = 306$
5330: $P_{21}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^6$
5331: $P_{21}^6 \Rightarrow 7 \cdot n, B_1 = 390; q^{10}, B_2 = 413$
5333: $192750517^{10} \Rightarrow 23 \cdot 13003 \cdot 972313 \cdot P_{72}, B_1 = 288$

5334: $P_{72}^2 \Rightarrow 3 \cdot 229 \cdot n, B_1 = 433; q^4, B_2 = 571$
5336: $192750517^{12} \Rightarrow 5990796608185326868848893 \cdot p_{75}, B_1 = 337$
5337: $192750517^{16} \Rightarrow n, B_1 = 304$
5338: $192750517^{18} \Rightarrow 19 \dots, D; q^{22}, B_2 = 364$
5340: $263^{10} \Rightarrow 67 \cdot 7591 \cdot p_{19}, B_1 = 85$
5341: $p_{19}^2 \Rightarrow 19 \dots, D$
5342: $p_{19}^4 \Rightarrow 71 \cdot 151 \cdot 691 \cdot 26881 \cdot P_{63}, B_1 = 270$
5343: $P_{63}^2 \Rightarrow 3 \cdot 7 \cdot n, B_1 = 395; q^4, B_2 = 501$
5345: $p_{19}^6 \Rightarrow 7 \cdot 629567 \cdot 307977209 \cdot c_{96}, B_1 = 283$
5346: $307977209^2 \Rightarrow 73 \cdot n, B_1 = 302; q^4, B_3 = 300$
5348: $p_{19}^{10}, B_2 = 369$
5349: $263^{12} \Rightarrow 677 \cdot 301211 \cdot P_{21}, B_1 = 99$
5350: $P_{21}^2 \Rightarrow 3 \cdot 5599146555434347 \cdot p_{26}, B_1 = 182$
5351: $p_{26}^2 \Rightarrow 3 \cdot 203073141373 \cdot 100317748567029943 \cdot P_{22}, B_1 = 282$
5352: $P_{22}^2 \Rightarrow 3 \cdot n, B_1 = 326; q^4, B_3 = 326$
5354: $p_{26}^4 \Rightarrow 11 \cdot 31 \dots, S \ 3^4 \cdot 7^6 \cdot 11^2 \cdot 29^2 \cdot 31^2$
5355: $p_{26}^6, B_2 = 302$
5356: $P_{21}^4 \Rightarrow 131 \cdot P_{81}, B_1 = 307$
5357: $P_{21}^6 \Rightarrow 113 \cdot n, B_1 = 309; q^{10}, B_2 = 414$
5359: $263^{16} \Rightarrow 84004624433 \cdot 13016527353881 \cdot p_{15}, B_1 = 128$
5360: $p_{15}^2 \Rightarrow 19 \dots, D$
5361: $p_{15}^4 \Rightarrow 57041 \cdot p_{54}, B_1 = 275$
5362: $p_{54}^2 \Rightarrow 3 \cdot n, B_1 = 384; q^4, B_2 = 431$
5364: $p_{15}^6 \Rightarrow 29 \cdot 1112777 \cdot P_{81}, B_1 = 360$
5365: $p_{15}^{10} \Rightarrow 67 \cdot n, B_1 = 394; q^{12}, B_2 = 352$
5367: $263^{18} \Rightarrow p_{44}, B_1 = 143$
5368: $p_{44}^2 \Rightarrow 3 \cdot 73 \cdot p_{85}, B_1 = 317; q^4, B_2 = 348$
5370: $263^{22} \Rightarrow 47 \cdot 5107 \cdot 272509811686691 \cdot P_{34}, B_1 = 172$
5371: $P_{34}^2 \Rightarrow 3 \cdot 1321 \cdot 1647035419 \cdot p_{55}, B_1 = 306$
5372: $P_{34}^4 \Rightarrow 31 \cdot n, B_1 = 374; q^6, B_2 = 401$
5374: $263^{28} \Rightarrow 59 \cdot 349 \cdot 18308281 \cdot 46818679613 \cdot P_{46}, B_1 = 215$
5375: $P_{46}^2 \Rightarrow 3 \cdot 13 \cdot 109 \dots, S \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 59^2 \cdot 109^2$
5376: $P_{46}^4, B_2 = 364$
5377: $263^{30} \Rightarrow 57845061941 \cdot 236710809243580736963 \cdot P_{42}, B_1 = 230$
5378: $P_{42}^2 \Rightarrow 3 \cdot 61 \cdot n, B_1 = 315; q^4, B_2 = 331$
5380: $263^{36} \Rightarrow 149 \cdot 2395461919 \cdot 8452882796375891338375577786350642189 \cdot P_{39}, B_1 = 273$
5381: $P_{39}^2 \Rightarrow 7 \cdot 13^2 \cdot n, B_1 = 350; q^4, B_3 = 351$
5383: $263^{40} \Rightarrow 45025709 \cdot 392376151 \cdot 181627957627 \cdot p_{70}, B_1 = 303$
5384: $263^{42} \Rightarrow 1033 \cdot 63135869 \cdot 150244794430249657 \cdot p_{74}, B_1 = 317$
5385: $263^{46} \Rightarrow 6581 \cdot 864707 \cdot P_{102}, B_1 = 346$
5386: $263^{52} \Rightarrow 107 \cdot 41385194479 \cdot 204835601192743 \cdot 1206621162465279468049 \cdot P_{78}, B_1 = 390$
5387: $263^{58} \Rightarrow 1181 \cdot 4013 \cdot 50387 \cdot 3369727 \cdot n, B_1 = 311$
5388: $263^{60} \Rightarrow 733 \cdot n, B_1 = 305; q^{66}, B_2 = 319$
5390: $4733^2 \Rightarrow 22406023, B_1 = 28$
5391: $22406023^2 \Rightarrow 19 \dots, D$
5392: $22406023^4 \Rightarrow 304018940824561 \cdot p_{15}, B_1 = 88$
5393: $p_{15}^1 \Rightarrow 3 \cdot P_{15}, B_1 = 117$
5394: $P_{15}^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot 14449 \cdot p_{22}, B_1 = 171$
5395: $p_{22}^2 \Rightarrow 3 \cdot 7 \cdot 43 \dots, S \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 43^2$
5396: $p_{22}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^6$
5397: $p_{22}^6 \Rightarrow 71 \cdot n, B_1 = 390; q^{10}, B_2 = 433$
5399: $P_{15}^4 \Rightarrow 11 \cdot 41 \cdot 2221 \cdot 258880490469590855111 \cdot p_{31}, B_1 = 259$
5400: $p_{31}^2 \Rightarrow 19 \dots, D$
5401: $p_{31}^4, B_3 = 319$

5402: $P_{15}^6 \Rightarrow 34259 \cdot c_{81}, B_1 = 263$
5403: $34259^2 \Rightarrow 709 \cdot 1655449, B_1 = 281$
5404: $1655449^2 \Rightarrow 3 \cdot 13 \cdot 6679 \cdot 10520971, B_1 = 305$
5405: $1655449^4 \Rightarrow 11 \cdot n, B_1 = 320; q^6, B_3 = 306$
5407: $34259^4 \Rightarrow 11 \cdot 31 \cdot 967391 \cdot 4175947051, B_1 = 309$
5408: $34259^6 \Rightarrow 7 \cdot 71 \cdot 197 \cdot n, B_1 = 312; q^{10}, B_3 = 300$
5410: $P_{15}^{10} \Rightarrow n, B_1 = 372; q^{12}, B_2 = 339$
5412: $p_{15}^2 \Rightarrow 7 \cdot 307 \cdot 1543 \cdot 301681 \cdot p_{18}, B_1 = 143$
5413: $p_{18}^1 \Rightarrow 5 \cdot 37 \cdot 299521 \cdot 6199228913, B_1 = 178$
5414: $6199228913^2 \Rightarrow 307 \cdot 4783 \cdot 928099 \cdot 28199557, B_1 = 212$
5415: $28199557^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^6$
5416: $28199557^4 \Rightarrow 31 \cdot 1349811751 \cdot p_{20}, B_1 = 287$
5417: $p_{20}^2 \Rightarrow 7 \cdot 157 \cdot 661 \cdot n, B_1 = 329; q^4, B_3 = 325$
5419: $28199557^6 \Rightarrow 7 \cdot 4733 \cdot 56466360497 \cdot 258785988581 \cdot p_{19}, B_1 = 323$
5420: $28199557^{10} \Rightarrow 11 \cdot 23 \cdot 199 \cdot n, B_1 = 351$
5421: $28199557^{12} \Rightarrow 599 \cdot n, B_1 = 379; q^{16}, B_3 = 317$
5423: $6199228913^4 \Rightarrow 11 \cdot P_{39}, B_1 = 276$
5424: $P_{39}^2 \Rightarrow 19 \dots, D; q^4, B_3 = 352$
5426: $6199228913^6 \Rightarrow 29 \cdot 43 \cdot 71 \cdot 14029 \cdot 279413 \cdot 481153 \cdot 170455321 \cdot P_{31}, B_1 = 332$
5427: $6199228913^{10} \Rightarrow 331 \cdot 881 \cdot n, B_1 = 360$
5428: $6199228913^{12} \Rightarrow 157 \cdot n, B_1 = 396; q^{16}, B_3 = 315$
5430: $p_{18}^2 \Rightarrow 19 \dots, D$
5431: $p_{18}^4 \Rightarrow 11 \cdot 181 \cdot 3541 \cdot 6256017851 \cdot 54297214168168410671 \cdot P_{35}, B_1 = 325$
5432: $p_{18}^6 \Rightarrow 71^2 \cdot n, B_1 = 325; q^{10}, B_2 = 356$
5434: $p_{15}^4 \Rightarrow 5 \cdot 41 \cdot 151 \cdot 17426141 \cdot 287035019479541 \cdot P_{34}, B_1 = 238$
5435: $P_{34}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5 \cdot 7^6$
5436: $P_{34}^4, B_3 = 305$
5437: $p_{15}^6 \Rightarrow 29 \cdot 49477 \cdot 709140083 \cdot c_{75}, B_1 = 250$
5438: $709140083^2 \Rightarrow 43 \cdot 229 \cdot 751 \cdot 68001766309, B_1 = 285$
5439: $68001766309^1 \Rightarrow 5 \cdot 89 \cdot n, B_1 = 302$
5440: $68001766309^2 \Rightarrow 3 \cdot 13 \cdot 31 \cdot n, B_1 = 310; q^4, B_3 = 307$
5442: $709140083^4 \Rightarrow 11 \cdot 101 \cdot n, B_1 = 306$
5443: $709140083^6 \Rightarrow 7 \cdot n, B_1 = 337; q^{10}, B_3 = 321$
5445: $p_{15}^{10} \Rightarrow n, B_1 = 357; q^{12}, B_2 = 358$
5447: $22406023^6 \Rightarrow 211 \cdot 449 \cdot 62316423268709 \cdot P_{26}, B_1 = 133$
5448: $P_{26}^2 \Rightarrow 3 \cdot 5674020528076214323 \cdot p_{32}, B_1 = 217$
5449: $p_{32}^1 \Rightarrow 6899 \cdot 9817 \cdot 77724433 \cdot P_{16}, B_1 = 279$
5450: $P_{16}^2 \Rightarrow n, B_1 = 310; q^4, B_3 = 310$
5452: $p_{32}^2 \Rightarrow 3 \cdot 7 \cdot 43 \cdot 379 \cdot 487 \cdot n, B_1 = 303$
5453: $p_{32}^4 \Rightarrow n, B_1 = 423; q^6, B_2 = 377$
5455: $P_{26}^4 \Rightarrow 11 \cdot c_{101}, B_1 = 286$
5456: $11^2 \Rightarrow 19 \dots, D$
5457: $11^4 \Rightarrow 5 \cdot 3221, B_1 = 297$
5458: $3221^1 \Rightarrow 3^2 \dots, S \ 3^2 \cdot 5^2 \cdot 7^6$
5459: $3221^2 \Rightarrow n, B_1 = 304; q^4, B_3 = 304$
5461: $11^6 \Rightarrow 43 \cdot 45319, B_1 = 303$
5462: $11^{10} \Rightarrow n, B_1 = 305$
5463: $11^{12} \Rightarrow n, B_1 = 309; q^{16}, B_3 = 301$
5465: $P_{26}^6, B_2 = 303$
5466: $22406023^{10} \Rightarrow 219900698580377 \cdot 108158618888829697 \cdot p_{43}, B_1 = 193$
5467: $p_{43}^1 \Rightarrow 31 \cdot 43 \cdot 131 \cdot 43359863501369 \cdot P_{23}, B_1 = 277$
5468: $P_{23}^2 \Rightarrow 3 \cdot 43 \cdot n, B_1 = 322; q^4, B_3 = 323$
5470: $p_{43}^2 \Rightarrow 3 \cdot 7 \cdot 67 \cdot 331 \cdot n, B_1 = 307; q^4, B_2 = 337$
5472: $22406023^{12} \Rightarrow 131 \cdot 7151 \cdot 27431 \cdot 138731642162898037939279828577397601 \cdot P_{43}, B_1 = 244$

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: $22406023^{18} \Rightarrow 2243 \cdot 9040429 \cdot 2561624993 \cdot$
 $56231375666209162383347 \cdot n$, $B_1 = 314$; q^{22} , $B_2 = 323$
5480: $4733^4 \Rightarrow 11 \cdot 41 \cdot 101 \cdot 11018941331$, $B_1 = 50$
5481: $11018941331^2 \Rightarrow 19 \dots$, D
5482: $11018941331^4 \Rightarrow 5 \cdot 1553418542761 \cdot p_{28}$, $B_1 = 125$
5483: $p_{28}^1 \Rightarrow 3 \dots$, $S \ 3^2 \cdot 5^2 \cdot 7^6$
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: $p_{33}^2 \Rightarrow 3 \dots$, $S \ 3^2 \cdot 5 \cdot 7^6$
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: $p_{45}^1 \Rightarrow 3 \dots$, $S \ 3^2 \cdot 7^6 \cdot 11^2 \cdot 29^2 \cdot 41^2 \cdot 101^2 \cdot 113^2$
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: $20593^2 \Rightarrow 127 \dots$, D
5497: 20593^4 , $B_3 = 307$
5498: p_{45}^4 , $B_2 = 353$
5499: $11018941331^{10} \Rightarrow 23 \cdot 617 \cdot 91238505910046142121 \cdot P_{77}$, $B_1 = 313$
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: $832342661863^2 \Rightarrow 3 \cdot 43 \dots$, $S \ 3^4 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 43^2$
5507: $832342661863^4 \Rightarrow 11^2 \dots$, $S \ 3^2 \cdot 7^6 \cdot 11^2 \cdot 13^2$
5508: $832342661863^6 \Rightarrow 9559271 \cdot 67857161 \cdot P_{57}$, $B_1 = 315$
5509: $832342661863^{10} \Rightarrow 23 \cdot 67 \dots$, $S \ 3^2 \cdot 7^6 \cdot 13^2 \cdot 23^2 \cdot 29^2 \cdot 67^2$
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: $p_{23}^4 \Rightarrow 5 \dots$, $S \ 3^2 \cdot 5^2 \cdot 7^6$
5516: p_{23}^6 , $B_3 = 312$
5517: $p_{15}^4 \Rightarrow 5 \dots$, $S \ 3^2 \cdot 5^2 \cdot 7^6$
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: $p_{24}^4 \Rightarrow 5 \dots$, $S \ 3^2 \cdot 5^2 \cdot 7^6$
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: $p_{53}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^6$
5543: $p_{53}^4, B_2 = 419$
5544: $p_{15}^6 \Rightarrow 197 \cdot 743 \cdot 5573 \cdot 316471 \cdot 36433433 \cdot$
 $11749987088996643966654719573 \cdot P_{38}, B_1 = 358$
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: $347354507611^4 \Rightarrow 5 \cdot 41 \cdot 211 \cdot 495981632118513084331 \cdot p_{21}, B_1 = 328$
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: $35323^{16} \Rightarrow 1327 \cdot 2745637 \cdot 1886876143778525818767055412399 \cdot p_{33}, B_1 = 289$
5567: $p_{33}^2 \Rightarrow 3 \cdot 13 \cdot 229 \cdot n, B_1 = 359; q^4, B_3 = 355$
5569: $35323^{18} \Rightarrow 229 \cdot 192372996793 \cdot$
 $85934943333601 \cdot 108962982214449777699707 \cdot P_{32}, B_1 = 316$
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: $397^2 \Rightarrow 3 \cdot 31 \dots, S \ 3^2 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 31^2 \cdot 41^2$
5577: $397^4 \Rightarrow 24903325661, B_1 = 133$
5578: $24903325661^2 \Rightarrow 19 \dots, D$
5579: $24903325661^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^6$
5580: $24903325661^6 \Rightarrow 9619 \cdot 37641422099 \cdot 3624336162536258426657 \cdot P_{27}, B_1 = 299$
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: $397^6 \Rightarrow 127 \dots, D$
5587: $397^{10} \Rightarrow 11 \dots, S \ 3^2 \cdot 7^6 \cdot 11^2 \cdot 13^2$
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: $p_{32}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^6$
5591: $p_{32}^6, B_2 = 374$
5592: $397^{16} \Rightarrow 137 \cdot 55718734439 \cdot P_{29}, B_1 = 226$
5593: $P_{29}^2 \Rightarrow 7 \cdot 13 \cdot 73 \dots, S \ 3^2 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 41^2 \cdot 71^2 \cdot 73^2 \cdot 137^2$
5594: $P_{29}^4 \Rightarrow n, B_1 = 398; q^6, B_2 = 344$
5596: $397^{18} \Rightarrow 931913 \cdot 146667246166323749467 \cdot p_{21}, B_1 = 242$
5597: $p_{21}^2 \Rightarrow 7 \cdot 67 \cdot 665299 \cdot 713287 \cdot P_{27}, B_1 = 323$
5598: $p_{21}^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 7^6 \cdot 11^2 \cdot 13^2$
5599: $p_{21}^6, B_3 = 324$
5600: $397^{22} \Rightarrow 47 \dots, S \ 3^2 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 41^2 \cdot 47^2 \cdot 71^2$

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: $p_{13}^2 \Rightarrow 890377091371, B_1 = 142$
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: $p_{31}^2 \Rightarrow 19 \dots, D$
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: $890377091371^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^6$
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: $3109622749^1 \Rightarrow 5^3 \dots, S \ 3^4 \cdot 5^4 \cdot 7^6$
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: $P_{28}^2 \Rightarrow 3 \cdot 7 \cdot 37 \dots, S \ 3^6 \cdot 7^6 \cdot 13 \cdot 29^2 \cdot 37^2$
5628: $P_{28}^4, B_3 = 330$
5629: $P_{18}^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5 \cdot 7^6$
5630: $P_{18}^6 \Rightarrow n, B_1 = 382; q^{10}, B_2 = 353$
5632: $3109622749^4 \Rightarrow 31 \dots, S \ 3^4 \cdot 7^6 \cdot 13 \cdot 29^2 \cdot 31^2$
5633: $3109622749^6 \Rightarrow 379 \cdot 2521 \cdot 1767808169 \cdot p_{42}, B_1 = 288$
5634: $p_{42}^1 \Rightarrow 3 \cdot 11 \dots, S \ 3^4 \cdot 7^6 \cdot 11^2 \cdot 13^2$
5635: $p_{42}^2, B_3 = 320$
5636: $3109622749^{10} \Rightarrow 23 \dots, S \ 3^4 \cdot 7^6 \cdot 13 \cdot 23^2 \cdot 29^2$
5637: $3109622749^{12} \Rightarrow 79 \cdot n, B_1 = 381; q^{16}, B_2 = 303$
5639: $p_{13}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^6$
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: $30885607^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^4 \cdot 7^6 \cdot 13 \cdot 29^2 \cdot 31^2$
5650: $30885607^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 7^6 \cdot 11^2 \cdot 13 \cdot 29^2$
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: $p_{31}^1 \Rightarrow 53 \cdot 331 \dots, S \ 3^2 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 31^2 \cdot 53^2 \cdot 331^2 \cdot 397^2$
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: $378361939^{10} \Rightarrow 23 \dots, S \ 3^2 \cdot 7^6 \cdot 13 \cdot 23^2 \cdot 29^2 \cdot 31^2$
5660: $378361939^{12} \Rightarrow 313 \cdot n, B_1 = 395; q^{16}, B_3 = 324$
5662: $107896304231^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^6$
5663: $107896304231^6 \Rightarrow 29 \cdot 631 \cdot 353081 \cdot 2584807 \cdot p_{50}, B_1 = 293$
5664: $p_{50}^1 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^6$

5665: $p_{50}^2, B_3 = 335$
5666: $107896304231^{10} \Rightarrow 11 \dots, S \ 3^2 \cdot 7^6 \cdot 11^2 \cdot 13 \cdot 29^2$
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: $P_{20}^2 \Rightarrow 3 \cdot 6429479764984362451 \cdot p_{21}, B_1 = 266$
5671: $p_{21}^1 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^6$
5672: $p_{21}^2 \Rightarrow 3 \cdot n, B_1 = 308; q^4, B_3 = 307$
5674: $P_{20}^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 7^6 \cdot 11^2 \cdot 13 \cdot 29^2$
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: $2311333^{12} \Rightarrow 1327 \cdot 2029 \cdot 739103 \cdot 4581704497581995647813 \cdot p_{43}, B_1 = 280$
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: $103^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 7^6 \cdot 11^2 \cdot 13 \cdot 29^2$
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: $P_{14}^4 \Rightarrow 61 \cdot 26711 \cdot 955359303471547448711 \cdot p_{29}, B_1 = 316$
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: $p_{22}^4 \Rightarrow 5 \cdot 32321 \cdot 837260111 \cdot 6719479950176484530591681 \cdot P_{46}, B_1 = 343$
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: $P_{28}^2 \Rightarrow 19 \dots, D; q^4, B_3 = 336$
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: $329422297^{12} \Rightarrow 669077968114506874691 \cdot$
 $23834338339946103562153003 \cdot 28392361864610666302626481 \cdot p_{31}, B_1 = 331$
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: $p_{24}^1 \Rightarrow 19 \dots, D$
5725: $p_{24}^2 \Rightarrow 3 \cdot 433 \cdot 26161 \cdot 2716027 \cdot P_{33}, B_1 = 203$
5726: $P_{33}^2 \Rightarrow 3 \cdot 7 \cdot 2797 \cdot 3715817544877836253819 \cdot P_{39}, B_1 = 330$
5727: $P_{33}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^6$
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: $4733^{12} \Rightarrow 13 \cdot 53 \cdot 34910890042656523169 \cdot p_{22}, B_1 = 118$

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: $p_{16}^2 \Rightarrow 19 \dots, D$
5740: $p_{16}^4, B_3 = 311$
5741: $4856775961^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^6$
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: $19987795141^2 \Rightarrow 3 \cdot 43 \dots, S \ 3^2 \cdot 7^6 \cdot 13^2 \cdot 29^2 \cdot 43^2 \cdot 53^2 \cdot 71^2$
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: $p_{22}^2 \Rightarrow 19 \dots, D$
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: $p_{23}^1 \Rightarrow 3^2 \cdot 5^2 \dots, S \ 3^2 \cdot 5^2 \cdot 7^6$
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: $4733^{18} \Rightarrow 1787 \cdot 58217 \cdot 681665903475579942644606417 \cdot p_{32}, B_1 = 175$
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: $p_{76}^1 \Rightarrow 3^2 \cdot 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^6$
5785: $p_{76}^2, B_2 = 300$
5786: $4733^{28} \Rightarrow 69669689854993 \cdot 1513782805514011 \cdot$
 $1452981795628837315242213517 \cdot P_{47}, B_1 = 289$
5787: $P_{47}^2 \Rightarrow 3 \cdot 13 \cdot 73 \cdot 139 \cdot n, B_1 = 388; q^4, B_3 = 382$
5789: $4733^{30} \Rightarrow 3167041636718492064667 \cdot c_{89}, B_1 = 248$
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: $4733^{36} \Rightarrow 149 \cdot 3923 \cdot 410051524200968327 \cdot 419366244880650439 \cdot P_{92}, B_1 = 402$
5794: $4733^{40} \Rightarrow n, B_1 = 300; q^{42}, B_2 = 308$
5796: $7^{10} \Rightarrow 1123 \cdot 293459, B_1 = 25$
5797: $1123^2 \Rightarrow 127 \dots, D$
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: $190097^2 \Rightarrow 31 \cdot 79 \cdot 3463 \cdot 4261, B_1 = 109$

5802: $4261^2 \Rightarrow 3 \cdot 6053461, B_1 = 123$
5803: $6053461^2 \Rightarrow 3 \cdot 157 \cdot 19273 \cdot 4036801, B_1 = 149$
5804: $4036801^2 \Rightarrow 3 \cdot 151 \cdot 13009 \cdot 2765239, B_1 = 176$
5805: $2765239^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^4 \cdot 7^{10} \cdot 13^2 \cdot 31^2 \cdot 41^2 \cdot 79^2$
5806: $2765239^4 \Rightarrow 11 \cdot 31 \dots, S \ 3^4 \cdot 7^{10} \cdot 11^2 \cdot 31^2 \cdot 41^2$
5807: $2765239^6 \Rightarrow 7 \cdot 113 \cdot 15498818119 \cdot 61161198239 \cdot P_{15}, B_1 = 277$
5808: $P_{15}^2 \Rightarrow 3 \cdot n, B_1 = 306; q^4, B_3 = 307$
5810: $2765239^{10} \Rightarrow 23 \cdot 67 \dots, S \ 3^4 \cdot 7^{10} \cdot 23^2 \cdot 31^2 \cdot 41^2 \cdot 67^2 \cdot 79^2 \cdot 151^2 \cdot 157^2$
5811: $2765239^{12} \Rightarrow n, B_1 = 318$
5812: $2765239^{16} \Rightarrow n, B_1 = 369$
5813: $2765239^{18} \Rightarrow n, B_1 = 395; q^{22}, B_3 = 305$
5815: $4036801^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{10}$
5816: $4036801^6 \Rightarrow 43 \cdot p_{39}, B_1 = 255$
5817: $p_{39}^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^4 \cdot 7^{10} \cdot 13^2 \cdot 31^2 \cdot 41^2 \cdot 43^2$
5818: $p_{39}^4, B_3 = 331$
5819: $4036801^{10} \Rightarrow 23 \cdot p_{65}, B_1 = 334$
5820: $4036801^{12} \Rightarrow 413557 \cdot n, B_1 = 300$
5821: $4036801^{16} \Rightarrow n, B_1 = 348$
5822: $4036801^{18} \Rightarrow 229 \cdot n, B_1 = 376$
5823: $4036801^{22} \Rightarrow 47 \cdot 691 \cdot n, B_1 = 431; q^{28}, B_2 = 369$
5825: $6053461^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{10}$
5826: $6053461^6 \Rightarrow 7 \cdot 12843194449 \cdot p_{30}, B_1 = 230$
5827: $p_{30}^2 \Rightarrow 3 \cdot 13 \cdot 613 \cdot 293179 \cdot P_{50}, B_1 = 348$
5828: $p_{30}^4 \Rightarrow n, B_1 = 409; q^6, B_2 = 356$
5830: $6053461^{10} \Rightarrow 353 \cdot 859 \cdot 2892143 \cdot 19621169899 \cdot p_{46}, B_1 = 313$
5831: $6053461^{12} \Rightarrow 53 \cdot 17978507 \cdot 2855518410083 \cdot p_{60}, B_1 = 354$
5832: $6053461^{16} \Rightarrow n, B_1 = 327$
5833: $6053461^{18} \Rightarrow n, B_1 = 354$
5834: $6053461^{22} \Rightarrow 47 \cdot n, B_1 = 410; q^{28}, B_2 = 379$
5836: $4261^4 \Rightarrow 5 \cdot 11 \cdot 6131 \cdot 8081 \cdot 121001, B_1 = 145$
5837: $121001^2 \Rightarrow 42859 \cdot 341617, B_1 = 165$
5838: $341617^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{10}$
5839: $341617^4 \Rightarrow 191 \cdot 350621 \cdot 3351611 \cdot 60678421, B_1 = 221$
5840: $60678421^2 \Rightarrow 127 \dots, D$
5841: $60678421^4 \Rightarrow 5 \cdot 811 \cdot P_{28}, B_1 = 297$
5842: $P_{28}^2 \Rightarrow 19 \dots, D$
5843: $P_{28}^4, B_3 = 352$
5844: $60678421^6 \Rightarrow 387807035122859507 \cdot p_{30}, B_1 = 345$
5845: $60678421^{10} \Rightarrow 11 \cdot n, B_1 = 360$
5846: $60678421^{12} \Rightarrow 53 \cdot 79 \cdot n, B_1 = 392; q^{16}, B_3 = 330$
5848: $341617^6 \Rightarrow 379 \cdot 30829 \cdot p_{27}, B_1 = 254$
5849: $p_{27}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{10}$
5850: $p_{27}^4, B_3 = 306$
5851: $341617^{10} \Rightarrow 11 \cdot 38237 \cdot 273929295179 \cdot P_{39}, B_1 = 318$
5852: $341617^{12} \Rightarrow 79 \cdot P_{65}, B_1 = 350$
5853: $341617^{16} \Rightarrow 953 \cdot n, B_1 = 334$
5854: $341617^{18} \Rightarrow n, B_1 = 354$
5855: $341617^{22} \Rightarrow 47 \cdot 829 \cdot n, B_1 = 402; q^{28}, B_2 = 309$
5857: $121001^4 \Rightarrow 5 \cdot 31 \cdot 41 \cdot 43651 \cdot 772768969981, B_1 = 188$
5858: $772768969981^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{10}$
5859: $772768969981^4 \Rightarrow 5 \cdot 271 \cdot 48088017751 \cdot p_{34}, B_1 = 307$
5860: $772768969981^6 \Rightarrow 7 \cdot n, B_1 = 306$
5861: $772768969981^{10} \Rightarrow 67 \cdot n, B_1 = 404; q^{12}, B_3 = 307$
5863: $121001^6 \Rightarrow 3011 \cdot 2576183 \cdot 1120661473 \cdot 361056725443, B_1 = 226$

5864: $361056725443^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{10}$
5865: $361056725443^4 \Rightarrow 8467028962661 \cdot 8962412390011 \cdot P_{21}, B_1 = 342$
5866: $361056725443^6 \Rightarrow 7 \cdot 29 \cdot n, B_1 = 343; q^{10}, B_3 = 319$
5868: $121001^{10} \Rightarrow 11 \cdot 463 \cdot 1453 \cdot 5479 \cdot 3962113 \cdot 969579733 \cdot 382549583131 \cdot P_{14}, B_1 = 285$
5869: $P_{14}^2 \Rightarrow 7 \cdot 13 \cdot 769 \cdot n, B_1 = 315; q^4, B_3 = 311$
5871: $121001^{12} \Rightarrow 79 \cdot 5833829 \cdot 82227809 \cdot 13284359275097 \cdot P_{32}, B_1 = 314$
5872: $121001^{16} \Rightarrow 103 \cdot 239 \cdot n, B_1 = 302$
5873: $121001^{18} \Rightarrow 419 \cdot n, B_1 = 321$
5874: $121001^{22} \Rightarrow n, B_1 = 359$
5875: $121001^{28} \Rightarrow 59 \cdot 233 \cdot n, B_1 = 424; q^{30}, B_2 = 304$
5877: $4261^6 \Rightarrow 43 \cdot 659 \cdot 18341 \cdot P_{14}, B_1 = 167$
5878: $P_{14}^2 \Rightarrow 3 \cdot 521299 \cdot p_{20}, B_1 = 219$
5879: $p_{20}^2 \Rightarrow 3 \cdot 7 \cdot 1123 \cdot 3272077 \cdot p_{29}, B_1 = 290$
5880: $p_{29}^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^4 \cdot 7^{10} \cdot 13^2 \cdot 31^2 \cdot 41^2 \cdot 43^2$
5881: $p_{29}^4, B_3 = 348$
5882: $p_{20}^4 \Rightarrow n, B_1 = 339$
5883: $p_{20}^6 \Rightarrow 29 \cdot n, B_1 = 420; q^{10}, B_2 = 398$
5885: $P_{14}^4 \Rightarrow 5 \cdot 11 \cdot 31 \cdot p_{50}, B_1 = 294$
5886: $p_{50}^2 \Rightarrow n, B_1 = 392; q^4, B_3 = 392$
5888: $P_{14}^6 \Rightarrow 7 \cdot 113 \cdot 1438690541 \cdot n, B_1 = 308$
5889: $P_{14}^{10} \Rightarrow 23 \cdot 331 \cdot n, B_1 = 406; q^{12}, B_2 = 313$
5891: $4261^{10} \Rightarrow 23 \cdot 67 \cdot 89 \cdot 4159 \cdot 88397 \cdot p_{23}, B_1 = 210$
5892: $p_{23}^2 \Rightarrow 3 \cdot 307 \cdot 313 \cdot 37117 \cdot 408843067 \cdot 24402315607 \cdot P_{17}, B_1 = 296$
5893: $P_{17}^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^2 \cdot 7^{10} \cdot 13^2 \cdot 23^2 \cdot 31^2 \cdot 41^2$
5894: $P_{17}^4, B_3 = 328$
5895: $p_{23}^4 \Rightarrow 101 \cdot n, B_1 = 348; q^6, B_3 = 301$
5897: $4261^{12} \Rightarrow 286791568519 \cdot P_{33}, B_1 = 232$
5898: $P_{33}^2 \Rightarrow 3 \cdot 301980379369 \cdot 13004269296253 \cdot P_{40}, B_1 = 361$
5899: $P_{33}^4 \Rightarrow n, B_1 = 425; q^6, B_2 = 385$
5901: $4261^{16} \Rightarrow 613 \cdot 227869 \cdot 18631049 \cdot p_{43}, B_1 = 276$
5902: $p_{43}^2 \Rightarrow 3 \cdot n, B_1 = 362; q^4, B_3 = 361$
5904: $4261^{18} \Rightarrow 1925861281 \cdot 851540268654962517675689621 \cdot P_{30}, B_1 = 298$
5905: $P_{30}^2 \Rightarrow 7 \cdot 307 \cdot n, B_1 = 352; q^4, B_3 = 356$
5907: $4261^{22} \Rightarrow 139 \cdot 869809022604514320572617 \cdot p_{54}, B_1 = 341$
5908: $4261^{28} \Rightarrow n, B_1 = 305$
5909: $4261^{30} \Rightarrow n, B_1 = 319$
5910: $4261^{36} \Rightarrow n, B_1 = 363$
5911: $4261^{40} \Rightarrow 83 \cdot n, B_1 = 394; q^{42}, B_2 = 304$
5913: $190097^4 \Rightarrow 456451 \cdot P_{16}, B_1 = 140$
5914: $P_{16}^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot 43 \cdot 245383 \cdot 1567696597 \cdot p_{13}, B_1 = 201$
5915: $p_{13}^2 \Rightarrow 3 \cdot 61 \cdot 89449 \cdot 8448313 \cdot 23755541917, B_1 = 249$
5916: $23755541917^2 \Rightarrow 3 \cdot 7 \cdot 13 \dots, S \ 3^4 \cdot 7^{10} \cdot 13^2 \cdot 41^2 \cdot 43^2 \cdot 61^2$
5917: $23755541917^4 \Rightarrow 41 \cdot n, B_1 = 309$
5918: $23755541917^6 \Rightarrow 29^2 \dots, S \ 3^2 \cdot 7^{10} \cdot 13^2 \cdot 29^2 \cdot 41^2 \cdot 43^2 \cdot 61^2$
5919: $23755541917^{10}, B_3 = 332$
5920: $p_{13}^4 \Rightarrow 41 \cdot 12541 \cdot 5484667511 \cdot 18812408601551 \cdot p_{21}, B_1 = 320$
5921: $p_{13}^6 \Rightarrow n, B_1 = 323$
5922: $p_{13}^{10} \Rightarrow n, B_1 = 421; q^{12}, B_3 = 323$
5924: $P_{16}^4 \Rightarrow 5 \cdot 18951281 \cdot 4338888194471 \cdot P_{42}, B_1 = 295$
5925: $P_{42}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{10}$
5926: $P_{42}^4, B_3 = 377$
5927: $P_{16}^6 \Rightarrow 10691202173 \cdot p_{83}, B_1 = 388; q^{10}, B_2 = 309$
5929: $190097^6 \Rightarrow 71 \cdot 9481461893 \cdot p_{20}, B_1 = 172$
5930: $p_{20}^2 \Rightarrow 3 \cdot 43 \cdot 349 \cdot 1483 \cdot 4273387 \cdot P_{26}, B_1 = 251$

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: $190097^{16} \Rightarrow 307 \cdot 42773 \cdot 7667314777767 \cdot$
 $2635515007949145035309726662997 \cdot p_{34}, B_1 = 326$
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: $1831394497^2 \Rightarrow 3 \cdot 7 \cdot 9254689 \cdot 17257690903, B_1 = 107$
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: $p_{27}^2 \Rightarrow 19 \dots, D$
5964: $p_{27}^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5 \cdot 7^{10}$
5965: $p_{27}^6, B_2 = 315$
5966: $p_{15}^4 \Rightarrow 41 \cdot 12451 \cdot 34344090883642766202371 \cdot p_{29}, B_1 = 265$
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: $P_{21}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^{10}$
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: $1831394497^4 \Rightarrow 11 \cdot 821 \cdot 2521 \cdot 1305391 \cdot p_{24}, B_1 = 148$
5988: $p_{24}^1 \Rightarrow 3 \cdot 80835531031 \cdot 780413496727, B_1 = 195$
5989: $780413496727^2 \Rightarrow 19 \dots, D$
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: $p_{13}^2 \Rightarrow 3 \cdot 7^2 \dots, S \ 3^2 \cdot 7^{10} \cdot 11^2 \cdot 23^2 \cdot 29^2$
5997: $p_{13}^4, B_3 = 319$
5998: $p_{29}^2 \Rightarrow 3 \cdot 7 \cdot 13 \dots, S \ 3^2 \cdot 7^{10} \cdot 11^2 \cdot 13 \cdot 41^2$

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: $1831394497^{10} \Rightarrow 23 \cdot 67 \cdot 1453 \cdot 2971 \cdot 22441 \cdot$
 $263711205083751807857238666763021723 \cdot P_{44}, B_1 = 334$
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: $P_{15}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5 \cdot 7^{10}$
6017: $P_{15}^4 \Rightarrow 5 \cdot 41 \cdot 10601 \cdot 1843321 \cdot 335537460521735429201 \cdot p_{27}, B_1 = 236$
6018: $p_{27}^1 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{10}$
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: $1314546997^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5 \cdot 7^{10}$
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: $P_{25}^6 \Rightarrow 127 \dots, D; q^{10}, B_2 = 487$
6038: $1983851^{10} \Rightarrow 11 \cdot 23 \cdot 126457 \cdot p_{56}, B_1 = 176$
6039: $p_{56}^1 \Rightarrow 227300487912879347 \cdot P_{38}, B_1 = 287$
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: $1983851^{12} \Rightarrow 37649 \cdot 79691 \cdot 320718162131329 \cdot 4694628209771167201 \cdot P_{33}, B_1 = 251$
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: $1983851^{18} \Rightarrow 191 \cdot 883273 \cdot 651239669 \cdot 1263010558867218420227 \cdot p_{76}, B_1 = 308$
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: $7926241^2 \Rightarrow 19 \dots, D$
6056: $7926241^4 \Rightarrow 5 \cdot 11 \cdot 1301 \cdot P_{23}, B_1 = 149$
6057: $P_{23}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{10}$
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: $P_{13}^2 \Rightarrow 3 \cdot 13 \cdot 97 \dots, S \ 3^4 \cdot 7^{10} \cdot 13^2 \cdot 37^2 \cdot 97^2 \cdot 101^2 \cdot 113^2 \cdot 367^2$
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: $458924702081^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{10}$
6083: $458924702081^6 \Rightarrow 43 \cdot 3032241246637 \cdot n, B_1 = 305$
6084: $458924702081^{10} \Rightarrow 23 \cdot 89 \dots, S \ 3^2 \cdot 7^{10} \cdot 13^2 \cdot 23^2 \cdot 37^2 \cdot 89^2 \cdot 101^2$
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: $P_{21}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{10}$
6092: $P_{21}^6 \Rightarrow 127 \dots, D; q^{10}, B_2 = 409$
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: $P_{34}^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot 67 \dots, S \ 3^4 \cdot 7^{10} \cdot 13^2 \cdot 37^2 \cdot 67^2 \cdot 103^2 \cdot 113^2$
6103: $P_{34}^4, B_3 = 364$
6104: $2609^{18} \Rightarrow 72334920564451848697 \cdot P_{42}, B_1 = 318$
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: $5786761^2 \Rightarrow 19 \dots, D$
6113: $5786761^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^{10}$
6114: $5786761^6 \Rightarrow 7 \cdot 71 \cdot 959546479361 \cdot P_{26}, B_1 = 229$
6115: $P_{26}^2 \Rightarrow 3 \cdot 67 \dots, S \ 3^4 \cdot 7^{10} \cdot 13 \cdot 37^2 \cdot 67^2 \cdot 71^2 \cdot 113^2$
6116: $P_{26}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^{10}$
6117: $P_{26}^6, B_3 = 332$
6118: $5786761^{10} \Rightarrow 4336091 \cdot 719281139374271 \cdot P_{47}, B_1 = 320$
6119: $5786761^{12} \Rightarrow 599 \cdot 6875836608090804183077 \cdot$
 $541063853718589749279222739 \cdot p_{30}, B_1 = 334$
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: $P_{16}^2 \Rightarrow 19 \dots, D$
6126: $P_{16}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^{10}$
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: $p_{49}^2 \Rightarrow 3 \cdot 157 \cdot n, B_1 = 328; q^4, B_2 = 389$

6135: $127584187^{10} \Rightarrow 23 \cdot 67 \cdot 910224581729 \cdot p_{66}, B_1 = 264$
6136: $p_{66}^1 \Rightarrow 3^2 \cdot n, B_1 = 329; q^2, B_3 = 318$
6138: $127584187^{12} \Rightarrow 1171 \cdot 1839161663 \cdot 129061186957 \cdot 1613717192387 \cdot P_{62}, B_1 = 367$
6139: $127584187^{16} \Rightarrow 137 \cdot 647 \cdot n, B_1 = 347$
6140: $127584187^{18} \Rightarrow 229 \cdot n, B_1 = 377; q^{22}, B_2 = 356$
6142: $15852481^4 \Rightarrow 5 \cdot 5591 \cdot P_{25}, B_1 = 144$
6143: $P_{25}^2 \Rightarrow 1129 \cdot 223885147 \cdot P_{38}, B_1 = 240$
6144: $P_{38}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5 \cdot 7^{10}$
6145: $P_{38}^4, B_3 = 315$
6146: $P_{25}^4 \Rightarrow 5 \cdot 61 \cdot 971 \cdot 1301 \cdot 13591 \cdot n, B_1 = 300$
6147: $P_{25}^6 \Rightarrow 71 \cdot n, B_1 = 389; q^{10}, B_2 = 487$
6149: $15852481^6 \Rightarrow 7 \cdot 48973 \cdot 385267 \cdot P_{33}, B_1 = 183$
6150: $P_{33}^2 \Rightarrow 3 \cdot 3001 \cdot 555637 \cdot 4919055150881313818689 \cdot P_{33}, B_1 = 294$
6151: $P_{33}^2 \Rightarrow 3 \cdot 13 \cdot 109 \cdot n, B_1 = 362; q^4, B_3 = 359$
6153: $P_{33}^4 \Rightarrow 5 \cdot n, B_1 = 376; q^6, B_2 = 384$
6155: $15852481^{10} \Rightarrow 8720713 \cdot P_{66}, B_1 = 268$
6156: $P_{66}^2 \Rightarrow 7^2 \cdot 37 \cdot n, B_1 = 398; q^4, B_2 = 520$
6158: $15852481^{12} \Rightarrow 9024610557301 \cdot p_{74}, B_1 = 245$
6159: $p_{74}^1 \Rightarrow 11 \cdot n, B_1 = 319; q^2, B_3 = 306$
6161: $15852481^{16} \Rightarrow 137 \cdot 443 \cdot 1021 \cdot 18352079 \cdot 23882519 \cdot P_{93}, B_1 = 402$
6162: $15852481^{18} \Rightarrow n, B_1 = 317; q^{22}, B_2 = 316$
6164: $1123^{10} \Rightarrow 11 \cdot 265871 \cdot p_{25}, B_1 = 86$
6165: $p_{25}^1 \Rightarrow 3 \cdot 607 \cdot p_{21}, B_1 = 134$
6166: $p_{21}^2 \Rightarrow 2281 \cdot 368926309 \cdot 10372065031 \cdot p_{20}, B_1 = 216$
6167: $p_{20}^2 \Rightarrow 3 \cdot 11251 \cdot 260172779888029 \cdot P_{20}, B_1 = 291$
6168: $P_{20}^2 \Rightarrow 3 \cdot 7 \cdot 79 \cdot n, B_1 = 331; q^4, B_3 = 329$
6170: $p_{20}^4 \Rightarrow 31 \cdot n, B_1 = 331$
6171: $p_{20}^6 \Rightarrow 7 \cdot n, B_1 = 405; q^{10}, B_2 = 380$
6173: $p_{21}^4 \Rightarrow 41 \cdot 251 \cdot 271 \cdot 4115509691 \cdot 42593763745037886672120858751951 \cdot p_{35}, B_1 = 339$
6174: $p_{21}^6 \Rightarrow 7 \cdot n, B_1 = 338; q^{10}, B_2 = 409$
6176: $p_{25}^2 \Rightarrow 787 \cdot 1933 \cdot 85447 \cdot 142713769483 \cdot 273818481499 \cdot P_{15}, B_1 = 203$
6177: $P_{15}^2 \Rightarrow 3 \cdot 3709 \cdot 2024730931357 \cdot P_{13}, B_1 = 252$
6178: $P_{13}^2 \Rightarrow 19 \dots, D$
6179: $P_{13}^4 \Rightarrow n, B_1 = 326; q^6, B_3 = 301$
6181: $P_{15}^4 \Rightarrow 571 \cdot 9311 \cdot 46687261 \cdot 871804631 \cdot 475983062201 \cdot P_{23}, B_1 = 339$
6182: $P_{15}^6 \Rightarrow 43 \cdot n, B_1 = 349; q^{10}, B_3 = 318$
6184: $p_{25}^4 \Rightarrow 41 \cdot 1674941 \cdot 32477189881 \cdot p_{78}, B_1 = 273$
6185: $p_{78}^1 \Rightarrow 53 \cdot n, B_1 = 352; q^2, B_3 = 340$
6187: $p_{25}^6 \Rightarrow 7 \cdot n, B_1 = 350; q^{10}, B_2 = 480$
6189: $1123^{12} \Rightarrow 53 \cdot 1128748349 \cdot 22917277423 \cdot P_{16}, B_1 = 120$
6190: $P_{16}^2 \Rightarrow 3 \cdot 79 \cdot 3163 \cdot 24697 \cdot 4377343 \cdot p_{15}, B_1 = 177$
6191: $p_{15}^1 \Rightarrow p_{14}, B_1 = 204$
6192: $p_{14}^2 \Rightarrow 3 \cdot 7 \cdot 337 \cdot 267199 \cdot p_{19}, B_1 = 256$
6193: $p_{19}^2 \Rightarrow 3 \cdot 13 \cdot 31 \cdot 61 \dots, S \ 3^4 \cdot 7^{10} \cdot 13^2 \cdot 31^2 \cdot 53^2 \cdot 61^2$
6194: $p_{19}^4 \Rightarrow n, B_1 = 365; q^6, B_3 = 329$
6196: $p_{14}^4 \Rightarrow 28631 \cdot 2758169501 \cdot n, B_1 = 300$
6197: $p_{14}^6 \Rightarrow n, B_1 = 341; q^{10}, B_3 = 314$
6199: $p_{15}^2 \Rightarrow 3 \cdot 13 \cdot 67 \cdot 317263 \cdot 448590859 \cdot 30466174603, B_1 = 237$
6200: $30466174603^2 \Rightarrow 3 \cdot 7^2 \cdot 3853 \cdot 14389 \cdot 113890866487, B_1 = 275$
6201: $113890866487^2 \Rightarrow 3 \cdot 5821 \cdot P_{18}, B_1 = 319$
6202: $113890866487^4 \Rightarrow n, B_1 = 342; q^6, B_3 = 319$
6204: $30466174603^4 \Rightarrow n, B_1 = 300$
6205: $30466174603^6 \Rightarrow n, B_1 = 342; q^{10}, B_3 = 321$
6207: $p_{15}^4 \Rightarrow 31 \cdot 1524100466434298691624548281 \cdot P_{28}, B_1 = 304$

6208: $p_{15}^6 \Rightarrow n, B_1 = 322$
6209: $p_{15}^{10} \Rightarrow 23 \cdot 199 \cdot n, B_1 = 438; q^{12}, B_2 = 336$
6211: $P_{16}^4 \Rightarrow 5 \cdot 31 \cdot 20061780753483293921 \cdot P_{41}, B_1 = 264$
6212: $P_{41}^2 \Rightarrow 31 \cdot 823 \cdot n, B_1 = 346; q^4, B_3 = 345$
6214: $P_{16}^6 \Rightarrow 29 \cdot 259309 \cdot 11658739 \cdot P_{79}, B_1 = 367; q^{10}, B_2 = 309$
6216: $1123^{16} \Rightarrow 17 \cdot 103 \cdot 1667 \cdot 658789287424219899887 \cdot P_{22}, B_1 = 164$
6217: $P_{22}^2 \Rightarrow 3 \cdot 157 \cdot 211 \cdot 643 \cdot 196853911 \cdot 154074954661 \cdot p_{16}, B_1 = 236$
6218: $p_{16}^1 \Rightarrow 463 \cdot 2767 \cdot 2233463569, B_1 = 267$
6219: $2233463569^2 \Rightarrow 3 \cdot 181 \cdot p_{16}, B_1 = 303$
6220: $2233463569^4 \Rightarrow n, B_1 = 323; q^6, B_3 = 304$
6222: $p_{16}^2 \Rightarrow 3 \cdot 193 \cdot 439 \cdot 1987 \cdot 182211737671 \cdot 355861280011, B_1 = 302$
6223: $p_{16}^4 \Rightarrow 31 \cdot n, B_1 = 336; q^6, B_3 = 303$
6225: $P_{22}^4 \Rightarrow 41 \cdot 325001 \cdot 73840015314812261 \cdot n, B_1 = 302$
6226: $P_{22}^6 \Rightarrow 7 \cdot n, B_1 = 378; q^{10}, B_2 = 430$
6228: $1123^{18} \Rightarrow 761 \cdot p_{53}, B_1 = 132$
6229: $p_{53}^1 \Rightarrow 127 \dots, D$
6230: $p_{53}^2 \Rightarrow 72421 \cdot 552583 \cdot 3399414255576463 \cdot P_{78}, B_1 = 387; q^4, B_2 = 416$
6232: $1123^{22} \Rightarrow 47 \cdot 11635609 \cdot 42002509 \cdot 33658073731 \cdot 41292578210753 \cdot p_{27}, B_1 = 194$
6233: $p_{27}^1 \Rightarrow 3 \cdot 53 \cdot 71 \cdot 45817 \cdot P_{18}, B_1 = 246$
6234: $P_{18}^2 \Rightarrow 13 \cdot 97 \cdot 5437 \cdot p_{29}, B_1 = 317$
6235: $P_{18}^4 \Rightarrow 11 \cdot n, B_1 = 353; q^6, B_3 = 317$
6237: $p_{27}^2 \Rightarrow 3307 \cdot 3673 \cdot 6949 \cdot 462767293 \cdot 468455293 \cdot 2625448946371 \cdot P_{13}, B_1 = 313$
6238: $p_{27}^4 \Rightarrow n, B_1 = 366; q^6, B_2 = 319$
6240: $1123^{28} \Rightarrow 25579 \cdot 6566971520258393920631 \cdot p_{60}, B_1 = 216$
6241: $p_{60}^1 \Rightarrow 5 \cdot 149749 \cdot 216127 \cdot 596716037 \cdot 1279365264367 \cdot P_{27}, B_1 = 334$
6242: $p_{60}^2 \Rightarrow 3 \cdot 7 \cdot 151 \cdot n, B_1 = 395; q^4, B_2 = 473$
6244: $1123^{30} \Rightarrow 19954453 \cdot 24505183546979 \cdot$
 $157972852345313 \cdot 3050510259352199842056787 \cdot p_{33}, B_1 = 261$
6245: $p_{33}^1 \Rightarrow 5 \cdot 50640727 \cdot P_{24}, B_1 = 325$
6246: $p_{33}^2 \Rightarrow 3 \cdot 13^2 \cdot n, B_1 = 344; q^4, B_3 = 344$
6248: $1123^{36} \Rightarrow 149 \cdot 223 \cdot 1259 \cdot 14907526676214310120941889991 \cdot P_{75}, B_1 = 346$
6249: $1123^{40} \Rightarrow 83 \cdot 1559 \cdot 676009 \cdot 7520409011 \cdot 27126895273 \cdot P_{91}, B_1 = 374$
6250: $1123^{42} \Rightarrow 173 \cdot 192038497267647529 \cdot c_{109}, B_1 = 277$
6251: $p_{18}^1 \Rightarrow 5 \cdot 1607 \cdot 8081 \cdot 1478792759, B_1 = 311$
6252: $p_{18}^2 \Rightarrow 3 \cdot 7 \cdot 853 \cdot n, B_1 = 329; q^4, B_3 = 327$
6254: $1123^{46} \Rightarrow n, B_1 = 300; q^{52}, B_2 = 317$
6256: $7^{12} \Rightarrow 16148168401, B_1 = 20$
6257: $16148168401^1 \Rightarrow 103 \cdot 709 \cdot 110563, B_1 = 40$
6258: $110563^2 \Rightarrow 3 \cdot 17971 \cdot 226741, B_1 = 60$
6259: $226741^2 \Rightarrow 3 \cdot 7^4 \cdot 1867 \cdot 3823, B_1 = 74$
6260: $3823^2 \Rightarrow 3 \cdot 4873051, B_1 = 88$
6261: $4873051^2 \Rightarrow 19 \dots, D$
6262: $4873051^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^{12}$
6263: $4873051^6 \Rightarrow 7 \cdot 29 \cdot 71 \cdot 9311 \cdot 1862687 \cdot 4580731 \cdot P_{20}, B_1 = 193$
6264: $P_{20}^2 \Rightarrow 3 \cdot P_{38}, B_1 = 269$
6265: $P_{38}^2 \Rightarrow 3 \cdot n, B_1 = 344; q^4, B_3 = 344$
6267: $P_{20}^4 \Rightarrow 11 \cdot 61 \dots, S \ 3^4 \cdot 7^{12} \cdot 11^2 \cdot 29^2 \cdot 61^2$
6268: $P_{20}^6 \Rightarrow 7 \cdot 113 \cdot 211 \cdot 421 \cdot n, B_1 = 390; q^{10}, B_2 = 381$
6270: $4873051^{10} \Rightarrow 23 \cdot 397 \cdot 19009 \cdot 1007711 \cdot 1603536551 \cdot 498450659257 \cdot P_{32}, B_1 = 275$
6271: $P_{32}^2 \Rightarrow 3 \cdot n, B_1 = 338; q^4, B_3 = 339$
6273: $4873051^{12} \Rightarrow 13 \cdot 131 \cdot 547 \cdot 660591536239235719 \cdot P_{57}, B_1 = 315$
6274: $4873051^{16} \Rightarrow 17 \cdot 786842009 \cdot c_{97}, B_1 = 299$
6275: $786842009^2 \Rightarrow 7 \cdot n, B_1 = 316; q^4, B_3 = 316$
6277: $4873051^{18} \Rightarrow n, B_1 = 315$

6278: $4873051^{22} \Rightarrow n, B_1 = 369; q^{28}, B_2 = 374$
6280: $3823^4 \Rightarrow 41 \cdot p_{13}, B_1 = 109$
6281: $p_{13}^2 \Rightarrow 3 \cdot 7^2 \cdot 13 \cdot 4519 \cdot P_{19}, B_1 = 157$
6282: $P_{19}^2 \Rightarrow 3 \cdot 17137 \cdot 20743 \cdot 35221 \cdot p_{24}, B_1 = 230$
6283: $p_{24}^2 \Rightarrow 3 \cdot 91737781 \cdot 92686061414173 \cdot p_{25}, B_1 = 324$
6284: $p_{24}^4 \Rightarrow 131 \cdot n, B_1 = 373; q^6, B_3 = 324$
6286: $P_{19}^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 7^{12} \cdot 11^2 \cdot 13^2$
6287: $P_{19}^6 \Rightarrow 29 \dots, S \ 3^4 \cdot 7^{12} \cdot 13^2 \cdot 29^2 \cdot 41^2$
6288: $P_{19}^{10}, B_2 = 369$
6289: $p_{13}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{12}$
6290: $p_{13}^6 \Rightarrow 1597 \cdot 10781 \cdot 109621 \cdot 384301 \cdot 78992831 \cdot$
 $7544738306771 \cdot 1839030632803971881 \cdot P_{20}, B_1 = 313$
6291: $p_{13}^{10} \Rightarrow n, B_1 = 338; q^{12}, B_2 = 305$
6293: $3823^6 \Rightarrow 7 \cdot 29 \cdot 491 \cdot p_{17}, B_1 = 129$
6294: $p_{17}^2 \Rightarrow 19 \dots, D$
6295: $p_{17}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{12}$
6296: $p_{17}^6 \Rightarrow 7 \cdot 29 \cdot 71 \cdot 197 \cdot 239 \cdot c_{91}, B_1 = 298$
6297: $239^2 \Rightarrow 19 \dots, D; q^4, B_3 = 303$
6299: $p_{17}^{10}, B_2 = 329$
6300: $3823^{10} \Rightarrow 42307 \cdot 85009 \cdot P_{27}, B_1 = 174$
6301: $P_{27}^2 \Rightarrow 43 \cdot 2137 \cdot P_{48}, B_1 = 279$
6302: $P_{48}^2 \Rightarrow 3 \cdot 313 \cdot n, B_1 = 377; q^4, B_2 = 380$
6304: $P_{27}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{12}$
6305: $P_{27}^6, B_2 = 315$
6306: $3823^{12} \Rightarrow 13 \cdot 10687 \cdot 31721 \cdot 369097 \cdot 22260629 \cdot P_{21}, B_1 = 195$
6307: $P_{21}^2 \Rightarrow 3 \cdot 25609 \cdot 4054250606734057 \cdot P_{21}, B_1 = 277$
6308: $P_{21}^2 \Rightarrow 3 \cdot 61 \cdot n, B_1 = 319; q^4, B_3 = 318$
6310: $P_{21}^4 \Rightarrow 151 \cdot n, B_1 = 320$
6311: $P_{21}^6 \Rightarrow 7 \cdot 71 \cdot n, B_1 = 401; q^{10}, B_2 = 408$
6313: $3823^{16} \Rightarrow 1871 \cdot 7753 \cdot 12349039 \cdot 562036049 \cdot p_{35}, B_1 = 238$
6314: $p_{35}^2 \Rightarrow 31 \cdot n, B_1 = 308; q^4, B_3 = 307$
6316: $3823^{18} \Rightarrow 153434889660683954432261024327561 \cdot p_{33}, B_1 = 260$
6317: $p_{33}^2 \Rightarrow 13 \cdot n, B_1 = 326; q^4, B_3 = 324$
6319: $3823^{22} \Rightarrow 47 \cdot 829 \cdot 20011 \cdot 1228109 \cdot 36176747 \cdot$
 $8466775891465333679495242189 \cdot P_{29}, B_1 = 303$
6320: $3823^{28} \Rightarrow 156253 \cdot p_{96}, B_1 = 367$
6321: $3823^{30} \Rightarrow 311 \cdot 540176808218477650921 \cdot P_{85}, B_1 = 389$
6322: $3823^{36} \Rightarrow 223 \cdot n, B_1 = 327$
6323: $3823^{40} \Rightarrow n, B_1 = 353; q^{42}, B_2 = 300$
6325: $226741^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{12}$
6326: $226741^6 \Rightarrow 197 \cdot 94907 \cdot 3727678613 \cdot p_{16}, B_1 = 146$
6327: $3727678613^2 \Rightarrow 13 \cdot 705079 \cdot p_{13}, B_1 = 184$
6328: $p_{13}^2 \Rightarrow 3 \cdot 13 \cdot 37 \cdot 421 \cdot 5569 \cdot p_{15}, B_1 = 229$
6329: $p_{15}^2 \Rightarrow 3 \cdot p_{30}, B_1 = 289$
6330: $p_{30}^2 \Rightarrow 3 \cdot 13 \cdot n, B_1 = 348; q^4, B_3 = 347$
6332: $p_{15}^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 7^{12} \cdot 11^2 \cdot 13^2$
6333: $p_{15}^6 \Rightarrow 29 \cdot n, B_1 = 379; q^{10}, B_3 = 348$
6335: $p_{13}^4 \Rightarrow 3541 \cdot 2094331 \cdot P_{39}, B_1 = 306$
6336: $p_{13}^6 \Rightarrow 7 \cdot n, B_1 = 305$
6337: $p_{13}^{10} \Rightarrow 67 \cdot n, B_1 = 405; q^{12}, B_3 = 306$
6339: $3727678613^4 \Rightarrow 48640301 \cdot p_{31}, B_1 = 241$
6340: $p_{31}^2 \Rightarrow 7 \cdot 103 \cdot n, B_1 = 300; q^4, B_3 = 302$
6342: $3727678613^6 \Rightarrow 7 \cdot 29^2 \cdot 71^2 \cdot 394522801 \cdot 1024755497910439 \cdot P_{27}, B_1 = 290$
6343: $P_{27}^2 \Rightarrow 3 \cdot 97 \cdot n, B_1 = 345; q^4, B_3 = 343$

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: $226741^{10} \Rightarrow 10253 \cdot 66529 \cdot 6894921691421288911 \cdot p_{26}, B_1 = 210$
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: $277^2 \Rightarrow 19 \dots, D$
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: $p_{65}^2 \Rightarrow 127 \dots, D; q^4, B_2 = 512$
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: $P_{38}^2 \Rightarrow 3 \cdot 3052008943183860449707 \cdot p_{54}, B_1 = 331; q^4, B_2 = 300$
6389: $110563^{12} \Rightarrow 34919 \cdot 27829610537 \cdot 54906848719315955077 \cdot P_{26}, B_1 = 211$
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: $110563^{16} \Rightarrow 647 \cdot 55433533 \cdot$
 $15763894763854283 \cdot 2332376116253474187343 \cdot P_{33}, B_1 = 272$
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: $p_{21}^2 \Rightarrow 19 \dots, D$
6406: $p_{21}^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^{12}$
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: $p_{17}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{12}$
6412: $p_{17}^6 \Rightarrow 7 \cdot 43 \cdot 14732248804477 \cdot P_{83}, B_1 = 377; q^{10}, B_2 = 327$
6414: $412450637^4 \Rightarrow 11 \cdot 31 \cdot 110713695745721 \cdot p_{18}, B_1 = 170$

6415: $p_{18}^2 \Rightarrow 19 \dots, D$
6416: $p_{18}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{12}$
6417: $p_{18}^6 \Rightarrow n, B_1 = 349; q^{10}, B_2 = 357$
6419: $412450637^6 \Rightarrow 2647 \cdot 23451457 \cdot p_{41}, B_1 = 222$
6420: $p_{41}^2 \Rightarrow 3 \cdot 13 \cdot n, B_1 = 304; q^4, B_2 = 327$
6422: $412450637^{10} \Rightarrow 23 \cdot 68639539 \cdot 3489876483469729 \cdot P_{62}, B_1 = 325$
6423: $412450637^{12} \Rightarrow 13 \cdot 17837 \cdot 19861146527 \cdot P_{88}, B_1 = 377$
6424: $412450637^{16} \Rightarrow 239 \cdot n, B_1 = 345; q^{18}, B_2 = 310$
6426: $p_{18}^2 \Rightarrow 3 \cdot 1327 \cdot 2630809123 \cdot 59954796907 \cdot 64175509327, B_1 = 137$
6427: $64175509327^2 \Rightarrow 3 \cdot P_{22}, B_1 = 180$
6428: $P_{22}^2 \Rightarrow 3 \cdot 46543598263 \cdot p_{32}, B_1 = 235$
6429: $p_{32}^1 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^{12}$
6430: $p_{32}^2 \Rightarrow 3 \cdot n, B_1 = 326; q^4, B_3 = 326$
6432: $P_{22}^4 \Rightarrow 41 \cdot n, B_1 = 308$
6433: $P_{22}^6 \Rightarrow n, B_1 = 391; q^{10}, B_2 = 422$
6435: $64175509327^4 \Rightarrow 61 \cdot 601 \cdot 1776701 \cdot 739367693312861 \cdot p_{18}, B_1 = 230$
6436: $p_{18}^1 \Rightarrow 3 \cdot 11^3 \cdot 4700567 \cdot 9382501, B_1 = 262$
6437: $9382501^2 \Rightarrow 3 \cdot 7^2 \cdot 163 \cdot 7951 \cdot 462073, B_1 = 286$
6438: $462073^2 \Rightarrow 3 \cdot 397 \cdot n, B_1 = 300$
6439: $462073^4 \Rightarrow 71 \cdot n, B_1 = 321; q^6, B_3 = 308$
6441: $9382501^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^{12}$
6442: $9382501^6 \Rightarrow 883 \cdot n, B_1 = 335; q^{10}, B_3 = 318$
6444: $p_{18}^2 \Rightarrow 106747 \cdot 2897011417 \cdot 5969148541 \cdot 67201361737, B_1 = 303$
6445: $p_{18}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^{12}$
6446: $p_{18}^6, B_3 = 303$
6447: $64175509327^6 \Rightarrow 1298963 \cdot 148074991 \cdot 145132549640036045501933 \cdot p_{28}, B_1 = 285$
6448: $p_{28}^1 \Rightarrow n, B_1 = 312$
6449: $p_{28}^2 \Rightarrow 3 \cdot n, B_1 = 344; q^4, B_3 = 344$
6451: $64175509327^{10} \Rightarrow 89 \cdot n, B_1 = 333$
6452: $64175509327^{12} \Rightarrow n, B_1 = 374; q^{16}, B_2 = 345$
6454: $p_{18}^4 \Rightarrow 191 \cdot 1551551 \cdot 1542398911 \cdot P_{52}, B_1 = 241$
6455: $P_{52}^2 \Rightarrow n, B_1 = 344; q^4, B_2 = 412$
6457: $p_{18}^6 \Rightarrow 188917037 \cdot P_{96}, B_1 = 339; q^{10}, B_2 = 346$
6459: $16148168401^4 \Rightarrow 5 \cdot 61 \cdot p_{39}, B_1 = 94$
6460: $p_{39}^1 \Rightarrow 633923 \cdot 26956151 \cdot P_{25}, B_1 = 170$
6461: $P_{25}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{12}$
6462: $P_{25}^4 \Rightarrow 11 \cdot n, B_1 = 320$
6463: $P_{25}^6 \Rightarrow 911 \cdot n, B_1 = 421; q^{10}, B_2 = 496$
6465: $p_{39}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5 \cdot 7^{12}$
6466: $p_{39}^4, B_2 = 306$
6467: $16148168401^6 \Rightarrow 7 \cdot 113 \cdot 911 \cdot 3938257 \cdot 445646455759 \cdot p_{38}, B_1 = 155$
6468: $p_{38}^1 \Rightarrow 5 \cdot 41 \cdot 233 \cdot 2341861 \cdot p_{26}, B_1 = 228$
6469: $p_{26}^2 \Rightarrow 19 \dots, D$
6470: $p_{26}^4 \Rightarrow n, B_1 = 383; q^6, B_3 = 331$
6472: $p_{38}^2 \Rightarrow 3 \cdot 6079 \cdot 175453 \cdot 1238989 \cdot 1695083713 \cdot P_{50}, B_1 = 331$
6473: $p_{38}^4 \Rightarrow 181 \cdot n, B_1 = 410; q^6, B_2 = 445$
6475: $16148168401^{10} \Rightarrow 54869 \cdot 520418635397783 \cdot p_{83}, B_1 = 233$
6476: $p_{83}^1 \Rightarrow 3^2 \cdot 991 \cdot n, B_1 = 319; q^2, B_2 = 330$
6478: $16148168401^{12} \Rightarrow 13 \cdot p_{122}, B_1 = 256$
6479: $p_{122}^1 \Rightarrow 239 \cdot 397 \cdot n, B_1 = 382; q^2, B_2 = 485$
6481: $16148168401^{16}, B_2 = 326$
6482: $7^{16} \Rightarrow 14009 \cdot 2767631689, B_1 = 31$
6483: $2767631689^1 \Rightarrow 5 \cdot 276763169, B_1 = 49$
6484: $276763169^2 \Rightarrow 19 \dots, D$

6485: $276763169^4 \Rightarrow 71 \cdot 2621 \cdot 345221 \cdot 9327281 \cdot P_{16}, B_1 = 133$
6486: $P_{16}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{16}$
6487: $P_{16}^4 \Rightarrow 5 \cdot 11 \cdot 41 \cdot 2270171941 \cdot 7008093401 \cdot 7084638233825416331 \cdot p_{23}, B_1 = 292$
6488: $p_{23}^2 \Rightarrow 19 \dots, D$
6489: $p_{23}^4, B_3 = 337$
6490: $P_{16}^6 \Rightarrow 3347 \cdot 4201 \cdot 19937 \cdot 162079 \cdot 280589 \cdot n, B_1 = 315; q^{10}, B_2 = 319$
6492: $276763169^6 \Rightarrow 29 \cdot 197 \cdot 449 \cdot 92779 \cdot 290627 \cdot P_{34}, B_1 = 184$
6493: $P_{34}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{16}$
6494: $P_{34}^4 \Rightarrow 5 \cdot 11 \cdot n, B_1 = 387; q^6, B_2 = 405$
6496: $276763169^{10} \Rightarrow 11 \cdot 23 \cdot 331 \cdot 1472723085307 \cdot P_{68}, B_1 = 285$
6497: $P_{68}^2 \Rightarrow 3 \cdot 7 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{16}$
6498: $P_{68}^4, B_2 = 538$
6499: $276763169^{12} \Rightarrow 468002006161 \cdot 4401768543901 \cdot 24024775850869 \cdot$
 $113382239440331993 \cdot 1218533342242851172487 \cdot P_{26}, B_1 = 336$
6500: $276763169^{16} \Rightarrow 137^2 \cdot 443 \cdot n, B_1 = 305; q^{18}, B_2 = 303$
6502: $2767631689^2 \Rightarrow 3 \cdot 7^3 \cdot 109 \cdot 751 \cdot 2659 \cdot 34199239, B_1 = 69$
6503: $34199239^2 \Rightarrow 3 \cdot 7 \cdot 13 \cdot 43 \cdot 103 \cdot 139 \cdot 1567 \cdot 4441, B_1 = 96$
6504: $4441^1 \Rightarrow 2221, B_1 = 103$
6505: $2221^2 \Rightarrow 3 \cdot 7 \cdot 235003, B_1 = 115$
6506: $235003^2 \Rightarrow 19 \dots, D$
6507: $235003^4 \Rightarrow 93877591 \cdot P_{14}, B_1 = 169$
6508: $P_{14}^2 \Rightarrow 13 \cdot 340119319 \cdot P_{18}, B_1 = 221$
6509: $P_{18}^2 \Rightarrow 3 \cdot 7 \cdot 88237 \cdot 251149 \cdot p_{24}, B_1 = 288$
6510: $p_{24}^2 \Rightarrow 19 \dots, D$
6511: $p_{24}^4, B_3 = 334$
6512: $P_{18}^4 \Rightarrow n, B_1 = 325$
6513: $P_{18}^6 \Rightarrow 71 \dots, S \ 3^4 \cdot 7^{16} \cdot 13^2 \cdot 43^2 \cdot 71^2 \cdot 103^2 \cdot 109^2 \cdot 139^2$
6514: $P_{18}^{10}, B_3 = 360$
6515: $P_{14}^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^{16}$
6516: $P_{14}^6 \Rightarrow 211 \cdot 463 \cdot n, B_1 = 309$
6517: $P_{14}^{10} \Rightarrow 23 \dots, S \ 3^4 \cdot 7^{16} \cdot 13^2 \cdot 23^2 \cdot 43^2$
6518: $P_{14}^{12}, B_2 = 324$
6519: $235003^6 \Rightarrow 29 \dots, S \ 3^4 \cdot 7^{16} \cdot 13^2 \cdot 29^2 \cdot 43^2$
6520: $235003^{10} \Rightarrow 23 \dots, S \ 3^4 \cdot 7^{16} \cdot 13^2 \cdot 23^2 \cdot 43^2$
6521: $235003^{12} \Rightarrow 14461290793 \cdot 13183880898059 \cdot P_{42}, B_1 = 298$
6522: $P_{42}^2 \Rightarrow n, B_1 = 380; q^4, B_3 = 380$
6524: $235003^{16} \Rightarrow 1361 \cdot 51137 \cdot 11463788569 \cdot p_{69}, B_1 = 362$
6525: $235003^{18} \Rightarrow 75773 \cdot p_{92}, B_1 = 394$
6526: $235003^{22} \Rightarrow 47 \dots, S \ 3^4 \cdot 7^{16} \cdot 13^2 \cdot 43^2 \cdot 47^2 \cdot 103^2 \cdot 109^2$
6527: $235003^{28}, B_2 = 300$
6528: $2221^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{16}$
6529: $2221^6 \Rightarrow 71 \cdot 1429 \cdot p_{16}, B_1 = 157$
6530: $p_{16}^2 \Rightarrow 109 \cdot 1297 \cdot 1928257 \cdot P_{19}, B_1 = 213$
6531: $P_{19}^2 \Rightarrow 19 \dots, D$
6532: $P_{19}^4 \Rightarrow n, B_1 = 325$
6533: $P_{19}^6 \Rightarrow n, B_1 = 400; q^{10}, B_2 = 374$
6535: $p_{16}^4 \Rightarrow 26058303992773584831953551 \cdot P_{35}, B_1 = 308$
6536: $p_{16}^6 \Rightarrow 7 \cdot n, B_1 = 307; q^{10}, B_2 = 301$
6538: $2221^{10} \Rightarrow 23 \dots, S \ 3^2 \cdot 7^{16} \cdot 13^2 \cdot 23^2 \cdot 43^2 \cdot 103^2 \cdot 109^2 \cdot 139^2$
6539: $2221^{12} \Rightarrow 859 \cdot P_{38}, B_1 = 217$
6540: $P_{38}^2 \Rightarrow 3 \cdot 4933 \cdot P_{71}, B_1 = 366$
6541: $P_{38}^4 \Rightarrow 181 \cdot 241 \cdot n, B_1 = 445; q^6, B_2 = 446$
6543: $2221^{16} \Rightarrow 297865685641 \cdot 52023538485262301 \cdot p_{26}, B_1 = 257$
6544: $p_{26}^2 \Rightarrow 3 \cdot 61 \dots, S \ 3^4 \cdot 7^{16} \cdot 13^2 \cdot 43^2 \cdot 61^2 \cdot 103^2 \cdot 109^2$

6545: $p_{26}^4, B_3 = 308$
6546: $2221^{18} \Rightarrow 457 \cdot 31883 \cdot 281353 \cdot 2349313 \cdot 134917823 \cdot 1050944569 \cdot P_{25}, B_1 = 277$
6547: $P_{25}^2 \Rightarrow 3 \cdot 31 \cdot 61 \dots, S \ 3^4 \cdot 7^{16} \cdot 13^2 \cdot 31^2 \cdot 43^2 \cdot 61^2$
6548: $P_{25}^4, B_3 = 326$
6549: $2221^{22} \Rightarrow 47 \cdot 3359 \cdot 474649267399641721 \cdot P_{51}, B_1 = 318$
6550: $2221^{28} \Rightarrow 20476659709095299341 \cdot p_{75}, B_1 = 378$
6551: $2221^{30} \Rightarrow 373 \cdot n, B_1 = 300$
6552: $2221^{36} \Rightarrow 37 \cdot n, B_1 = 339$
6553: $2221^{40} \Rightarrow 83 \cdot n, B_1 = 366$
6554: $2221^{42} \Rightarrow n, B_1 = 378; q^{46}, B_2 = 307$
6556: $4441^2 \Rightarrow 3 \cdot 6575641, B_1 = 108$
6557: $6575641^1 \Rightarrow 3287821, B_1 = 121$
6558: $3287821^2 \Rightarrow 3 \cdot 965647 \cdot 3731443, B_1 = 146$
6559: $3731443^2 \Rightarrow 3 \cdot 7 \cdot 3049 \cdot 6709 \cdot 32413, B_1 = 171$
6560: $32413^2 \Rightarrow 3 \cdot 79 \dots, S \ 3^6 \cdot 7^{16} \cdot 13^2 \cdot 43^2 \cdot 79^2 \cdot 103^2 \cdot 109^2$
6561: $32413^4 \Rightarrow p_{19}, B_1 = 216$
6562: $p_{19}^2 \Rightarrow 7 \cdot 13 \cdot 1407709 \cdot 11544727 \cdot P_{21}, B_1 = 284$
6563: $P_{21}^2 \Rightarrow 3 \cdot 181 \dots, S \ 3^6 \cdot 7^{16} \cdot 13^2 \cdot 43^2 \cdot 103^2 \cdot 109^2 \cdot 139^2 \cdot 181^2$
6564: $P_{21}^4, B_3 = 326$
6565: $p_{19}^4 \Rightarrow 5 \dots, S \ 3^6 \cdot 5^2 \cdot 7^{16}$
6566: $p_{19}^6 \Rightarrow 127 \dots, D$
6567: $p_{19}^{10}, B_2 = 360$
6568: $32413^6 \Rightarrow 29 \dots, S \ 3^6 \cdot 7^{16} \cdot 13^2 \cdot 29^2 \cdot 43^2$
6569: $32413^{10} \Rightarrow 23 \dots, S \ 3^6 \cdot 7^{16} \cdot 13^2 \cdot 23^2 \cdot 43^2$
6570: $32413^{12} \Rightarrow 1086931 \cdot 1690554516835861 \cdot P_{33}, B_1 = 324$
6571: $32413^{16} \Rightarrow n, B_1 = 306$
6572: $32413^{18} \Rightarrow n, B_1 = 324$
6573: $32413^{22} \Rightarrow n, B_1 = 360$
6574: $32413^{28} \Rightarrow 59 \dots, S \ 3^6 \cdot 7^{16} \cdot 13^2 \cdot 43^2 \cdot 59^2 \cdot 103^2 \cdot 109^2$
6575: $32413^{30} \Rightarrow 683 \cdot n, B_1 = 435; q^{36}, B_2 = 324$
6577: $3731443^4 \Rightarrow 31 \dots, S \ 3^4 \cdot 7^{16} \cdot 13^2 \cdot 31^2 \cdot 43^2 \cdot 103^2$
6578: $3731443^6 \Rightarrow 491653 \cdot 16771973 \cdot p_{27}, B_1 = 251$
6579: $p_{27}^2 \Rightarrow 13 \cdot n, B_1 = 303; q^4, B_3 = 304$
6581: $3731443^{10} \Rightarrow 11 \dots, S \ 3^4 \cdot 7^{16} \cdot 11^2 \cdot 13^2$
6582: $3731443^{12} \Rightarrow 13 \cdot 131 \dots, S \ 3^4 \cdot 7^{16} \cdot 13^2 \cdot 43^2 \cdot 103^2 \cdot 109^2 \cdot 131^2 \cdot 139^2 \cdot 751^2$
6583: $3731443^{16} \Rightarrow n, B_1 = 343$
6584: $3731443^{18} \Rightarrow 419 \cdot n, B_1 = 372$
6585: $3731443^{22} \Rightarrow n, B_1 = 422; q^{28}, B_2 = 368$
6587: $3287821^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^{16}$
6588: $3287821^6 \Rightarrow 43 \cdot 1709 \cdot 15302827 \cdot P_{28}, B_1 = 222$
6589: $P_{28}^2 \Rightarrow p_{55}, B_1 = 330$
6590: $P_{28}^4 \Rightarrow 11 \dots, S \ 3^4 \cdot 7^{16} \cdot 11^2 \cdot 13^2$
6591: $P_{28}^6, B_3 = 330$
6592: $3287821^{10} \Rightarrow 67 \dots, S \ 3^4 \cdot 7^{16} \cdot 13^2 \cdot 43^2 \cdot 67^2 \cdot 103^2 \cdot 109^2 \cdot 139^2$
6593: $3287821^{12} \Rightarrow 6007 \cdot 29303 \cdot 69020927 \cdot 388038223 \cdot 141217165909 \cdot n, B_1 = 300$
6594: $3287821^{16} \Rightarrow 103 \cdot n, B_1 = 315$
6595: $3287821^{18} \Rightarrow n, B_1 = 343$
6596: $3287821^{22} \Rightarrow n, B_1 = 395; q^{28}, B_2 = 364$
6598: $6575641^2 \Rightarrow 19 \dots, D$
6599: $6575641^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5 \cdot 7^{16}$
6600: $6575641^6 \Rightarrow 29 \dots, S \ 3^4 \cdot 7^{16} \cdot 13 \cdot 29^2 \cdot 43^2 \cdot 103^2$
6601: $6575641^{10} \Rightarrow 28909 \cdot 232409 \cdot P_{59}, B_1 = 301$
6602: $6575641^{12} \Rightarrow 1729783277 \cdot c_{73}, B_1 = 265$
6603: $1729783277^1 \Rightarrow 3^2 \cdot 96099071, B_1 = 282$

6604: $96099071^2 \Rightarrow 13 \cdot p_{15}, B_1 = 312$
6605: $96099071^4 \Rightarrow 5 \dots, S \ 3^6 \cdot 5^2 \cdot 7^{16}$
6606: $96099071^6, B_3 = 314$
6607: $1729783277^2 \Rightarrow 41179 \cdot 1443859 \cdot 50324887, B_1 = 307$
6608: $1729783277^4 \Rightarrow 151 \cdot n, B_1 = 328; q^6, B_3 = 307$
6610: $6575641^{16} \Rightarrow n, B_1 = 315$
6611: $6575641^{18} \Rightarrow n, B_1 = 343$
6612: $6575641^{22} \Rightarrow 47 \dots, S \ 3^4 \cdot 7^{16} \cdot 13 \cdot 43^2 \cdot 47^2 \cdot 103^2 \cdot 109^2$
6613: $6575641^{28}, B_2 = 381$
6614: $4441^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^{16}$
6615: $4441^6 \Rightarrow 2591 \cdot 119655719 \cdot 24750362743, B_1 = 155$
6616: $24750362743^2 \Rightarrow 3 \cdot 31 \dots, S \ 3^4 \cdot 7^{16} \cdot 13 \cdot 31^2 \cdot 43^2 \cdot 103^2$
6617: $24750362743^4 \Rightarrow 71 \cdot 55631 \cdot p_{35}, B_1 = 228$
6618: $p_{35}^1 \Rightarrow 3^3 \cdot 7 \dots, S \ 3^6 \cdot 7^{16} \cdot 13^2 \cdot 43^2 \cdot 71^2 \cdot 103^2 \cdot 109^2$
6619: $p_{35}^2 \Rightarrow 79 \cdot n, B_1 = 330; q^4, B_3 = 328$
6621: $24750362743^6 \Rightarrow 7 \cdot 29 \cdot 5180411531 \cdot 157051054021 \cdot p_{40}, B_1 = 284$
6622: $p_{40}^1 \Rightarrow n, B_1 = 323; q^2, B_3 = 312$
6624: $24750362743^{10} \Rightarrow n, B_1 = 342$
6625: $24750362743^{12} \Rightarrow 53 \cdot n, B_1 = 385; q^{16}, B_2 = 332$
6627: $4441^{10} \Rightarrow 23 \cdot 199 \dots, S \ 3^2 \cdot 7^{16} \cdot 13 \cdot 23^2 \cdot 43^2 \cdot 103^2 \cdot 109^2 \cdot 139^2 \cdot 199^2$
6628: $4441^{12} \Rightarrow 53 \cdot 1400803 \cdot 60571603 \cdot p_{29}, B_1 = 196$
6629: $p_{29}^1 \Rightarrow 3 \cdot 5 \cdot 7 \dots, S \ 3^4 \cdot 5^2 \cdot 7^{16}$
6630: $p_{29}^2 \Rightarrow 5407 \cdot 7921759 \cdot 10694422445821002266269 \cdot P_{24}, B_1 = 315$
6631: $p_{29}^4 \Rightarrow 11 \cdot 31 \dots, S \ 3^2 \cdot 7^{16} \cdot 11^2 \cdot 13 \cdot 31^2$
6632: $p_{29}^6, B_2 = 337$
6633: $4441^{16} \Rightarrow 199853 \cdot 418813 \cdot 8344043 \cdot 17423267 \cdot p_{34}, B_1 = 235$
6634: $p_{34}^1 \Rightarrow 13 \cdot 453879527 \cdot 362143433563 \cdot 440310118949, B_1 = 299$
6635: $440310118949^2 \Rightarrow 31 \cdot n, B_1 = 323; q^4, B_3 = 322$
6637: $p_{34}^2 \Rightarrow 3 \cdot n, B_1 = 330; q^4, B_3 = 329$
6639: $4441^{18} \Rightarrow 761 \cdot 1559 \cdot 2281485885577 \cdot p_{48}, B_1 = 243$
6640: $p_{48}^1 \Rightarrow 11 \dots, S \ 3^2 \cdot 7^{16} \cdot 11^2 \cdot 13^2$
6641: $p_{48}^2 \Rightarrow 3 \cdot n, B_1 = 373; q^4, B_2 = 377$
6643: $4441^{22} \Rightarrow 461 \cdot 453491737 \cdot P_{69}, B_1 = 325$
6644: $4441^{28} \Rightarrow 59 \cdot 4931 \cdot 62075978525246744383453 \cdot n, B_1 = 303$
6645: $4441^{30} \Rightarrow n, B_1 = 308$
6646: $4441^{36} \Rightarrow 37 \cdot n, B_1 = 353$
6647: $4441^{40} \Rightarrow n, B_1 = 381; q^{42}, B_2 = 306$
6649: $34199239^4 \Rightarrow 31 \cdot P_{29}, B_1 = 144$
6650: $P_{29}^2 \Rightarrow 7 \cdot 10567 \cdot 58129 \cdot p_{48}, B_1 = 213$
6651: $p_{48}^1 \Rightarrow p_{48}, B_1 = 308$
6652: $p_{48}^2 \Rightarrow 3 \cdot 7^2 \cdot 79 \cdot n, B_1 = 351; q^4, B_2 = 381$
6654: $P_{29}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^{16}$
6655: $P_{29}^6, B_2 = 343$
6656: $34199239^6 \Rightarrow 71 \cdot 211 \cdot 5923 \cdot 32999 \cdot 5977948054670257 \cdot p_{17}, B_1 = 176$
6657: $p_{17}^1 \Rightarrow 19 \dots, D$
6658: $p_{17}^2 \Rightarrow 3 \cdot 31 \cdot 73 \cdot 271 \cdot 73417 \cdot 11382361 \cdot p_{16}, B_1 = 245$
6659: $p_{16}^1 \Rightarrow 19 \dots, D$
6660: $p_{16}^2 \Rightarrow 3 \cdot 2113 \cdot 18313 \cdot 67095696043 \cdot P_{13}, B_1 = 307$
6661: $p_{16}^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 7^{16} \cdot 11^2 \cdot 31^2 \cdot 71^2 \cdot 73 \cdot 109^2 \cdot 211^2 \cdot 271^2$
6662: $p_{16}^6, B_3 = 307$
6663: $p_{17}^4 \Rightarrow 10352191 \cdot 20436401 \cdot P_{54}, B_1 = 347$
6664: $p_{17}^6 \Rightarrow 7 \cdot n, B_1 = 346; q^{10}, B_2 = 339$
6666: $34199239^{10} \Rightarrow 879341 \cdot 2123683 \cdot 23898139 \cdot 1120103623 \cdot 177815059125136379 \cdot p_{30}, B_1 = 254$
6667: $p_{30}^1 \Rightarrow 3 \cdot 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{16}$

6668: $p_{30}^2 \Rightarrow 127 \dots, D; q^4, B_3 = 337$
6670: $34199239^{12} \Rightarrow p_{91}, B_1 = 239$
6671: $p_{91}^1 \Rightarrow 23 \cdot 163 \cdot 181 \cdot n, B_1 = 335; q^2, B_2 = 361$
6673: $34199239^{16} \Rightarrow 742915421345899 \cdot n, B_1 = 310$
6674: $34199239^{18} \Rightarrow n, B_1 = 325; q^{22}, B_2 = 331$
6676: $2767631689^4 \Rightarrow 11 \cdot 5228501 \cdot 323352761 \cdot P_{22}, B_1 = 126$
6677: $P_{22}^2 \Rightarrow 3 \cdot 7^3 \cdot 56989 \cdot p_{36}, B_1 = 180$
6678: $p_{36}^1 \Rightarrow 23039948849747 \cdot p_{22}, B_1 = 250$
6679: $p_{22}^2 \Rightarrow 7 \cdot 5779 \cdot 2115331 \cdot p_{33}, B_1 = 335$
6680: $p_{22}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{16}$
6681: $p_{22}^6, B_3 = 336$
6682: $p_{36}^2 \Rightarrow 3 \cdot 140392204717 \cdot 106041019574217229753 \cdot p_{39}, B_1 = 317$
6683: $p_{36}^4 \Rightarrow 11 \cdot n, B_1 = 417; q^6, B_2 = 422$
6685: $P_{22}^4 \Rightarrow 5 \cdot 11^2 \cdot 881 \cdot 1599246406441 \cdot 164771988343271 \cdot 186139085244311 \cdot p_{40}, B_1 = 308$
6686: $P_{22}^6 \Rightarrow 29 \cdot n, B_1 = 343; q^{10}, B_2 = 429$
6688: $2767631689^6 \Rightarrow 127 \dots, D$
6689: $2767631689^{10} \Rightarrow 23 \cdot 881 \cdot 1051399537 \cdot 1257390050655024133 \cdot p_{63}, B_1 = 242$
6690: $p_{63}^1 \Rightarrow 3^2 \cdot 7^2 \cdot n, B_1 = 303$
6691: $p_{63}^2 \Rightarrow 313 \cdot n, B_1 = 415; q^4, B_2 = 503$
6693: $2767631689^{12} \Rightarrow 53 \cdot 131 \cdot 1301 \cdot 885041 \cdot 961273 \cdot 4361656956697 \cdot c_{82}, B_1 = 267$
6694: $p_{13}^1 \Rightarrow 251177 \cdot 8682437, B_1 = 291$
6695: $8682437^2 \Rightarrow 19 \dots, D; q^4, B_3 = 305$
6697: $p_{13}^2 \Rightarrow 3 \cdot 37 \cdot n, B_1 = 301$
6698: $p_{13}^4 \Rightarrow 761 \cdot n, B_1 = 352; q^6, B_3 = 324$
6700: $2767631689^{16}, B_2 = 302$
6701: $7^{18} \Rightarrow 419 \cdot P_{13}, B_1 = 45$
6702: $P_{13}^2 \Rightarrow 31 \cdot 199 \cdot 229 \cdot 373 \cdot 8263 \cdot P_{13}, B_1 = 93$
6703: $P_{13}^3 \Rightarrow 3 \cdot 7 \cdot 37 \cdot 101173 \cdot 248875867 \cdot 1139535451, B_1 = 140$
6704: $1139535451^2 \Rightarrow 3 \cdot 95239 \cdot 877543 \cdot 5179063, B_1 = 175$
6705: $5179063^2 \Rightarrow 3 \cdot 2584261 \cdot 3459751, B_1 = 201$
6706: $3459751^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^4 \cdot 7^{18} \cdot 13 \cdot 31^2 \cdot 37^2 \cdot 199^2$
6707: $3459751^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5 \cdot 7^{18}$
6708: $3459751^6 \Rightarrow 7 \cdot 113 \cdot 281 \cdot 967 \cdot 40013 \cdot 78686791 \cdot P_{19}, B_1 = 304$
6709: $3459751^{10} \Rightarrow n, B_1 = 318$
6710: $3459751^{12} \Rightarrow 157 \cdot n, B_1 = 347$
6711: $3459751^{16} \Rightarrow n, B_1 = 397; q^{18}, B_3 = 305$
6713: $5179063^4 \Rightarrow 3064328247661 \cdot p_{15}, B_1 = 233$
6714: $p_{15}^1 \Rightarrow 3 \cdot 7 \cdot 11 \cdot 13 \dots, S \ 3^4 \cdot 7^{18} \cdot 11^2 \cdot 13^2$
6715: $p_{15}^2 \Rightarrow 266053 \cdot 7522609 \cdot P_{17}, B_1 = 292$
6716: $P_{17}^2 \Rightarrow 3 \cdot 397 \cdot n, B_1 = 328; q^4, B_3 = 325$
6718: $p_{15}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^{18}$
6719: $p_{15}^6 \Rightarrow n, B_1 = 379; q^{10}, B_3 = 350$
6721: $5179063^6 \Rightarrow 7 \cdot 827 \cdot 2857 \cdot 238722443 \cdot P_{25}, B_1 = 281$
6722: $P_{25}^2 \Rightarrow 3 \cdot 43 \cdot 631 \cdot 673 \cdot n, B_1 = 338; q^4, B_3 = 330$
6724: $5179063^{10} \Rightarrow 89 \cdot 162779 \cdot P_{60}, B_1 = 363$
6725: $5179063^{12} \Rightarrow n, B_1 = 323$
6726: $5179063^{16} \Rightarrow 307 \cdot n, B_1 = 379$
6727: $5179063^{18} \Rightarrow n, B_1 = 403; q^{22}, B_3 = 309$
6729: $1139535451^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^{18}$
6730: $1139535451^6 \Rightarrow 4649 \cdot 284245081712719 \cdot P_{37}, B_1 = 285$
6731: $P_{37}^2 \Rightarrow 19 \dots, D; q^4, B_3 = 357$
6733: $1139535451^{10} \Rightarrow n, B_1 = 303$
6734: $1139535451^{12} \Rightarrow 53 \cdot n, B_1 = 341$
6735: $1139535451^{16} \Rightarrow 953 \cdot n, B_1 = 415; q^{18}, B_2 = 326$

6737: $P_{13}^4 \Rightarrow 2707091 \cdot P_{45}, B_1 = 220$
6738: $P_{45}^2 \Rightarrow 3 \cdot n, B_1 = 309; q^4, B_2 = 354$
6740: $P_{13}^6 \Rightarrow 29 \cdot 6679 \cdot 15937483717 \cdot P_{61}, B_1 = 288$
6741: $P_{61}^2 \Rightarrow 103 \cdot n, B_1 = 412; q^4, B_2 = 484$
6743: $P_{13}^{10} \Rightarrow n, B_1 = 321; q^{12}, B_2 = 304$
6745: $P_{13}^4 \Rightarrow 11^2 \cdot 131 \cdot 4071031 \cdot 19199332631 \cdot 388940209901 \cdot P_{18}, B_1 = 158$
6746: $P_{18}^2 \Rightarrow 7 \cdot 31 \cdot 75427511821 \cdot p_{23}, B_1 = 217$
6747: $p_{23}^1 \Rightarrow 5 \cdot 263 \cdot 19997 \cdot p_{15}, B_1 = 262$
6748: $p_{15}^2 \Rightarrow P_{30}, B_1 = 322$
6749: $p_{15}^4 \Rightarrow n, B_1 = 352; q^6, B_3 = 322$
6751: $p_{23}^2 \Rightarrow 3 \cdot 229 \cdot 15139 \cdot 436801 \cdot 4189921463676841 \cdot P_{18}, B_1 = 315$
6752: $p_{23}^4 \Rightarrow n, B_1 = 364; q^6, B_3 = 319$
6754: $P_{18}^4 \Rightarrow 5 \cdot 71 \cdot 129581 \cdot 40758660922013695077399221 \cdot P_{39}, B_1 = 324$
6755: $P_{18}^6 \Rightarrow 463 \cdot 743 \cdot n, B_1 = 343; q^{10}, B_2 = 358$
6757: $P_{13}^6 \Rightarrow 63029 \cdot 26183627 \cdot 111777812807723328113 \cdot P_{44}, B_1 = 228$
6758: $P_{44}^2 \Rightarrow 157 \cdot 577 \cdot n, B_1 = 320; q^4, B_2 = 349$
6760: $P_{13}^{10} \Rightarrow 23 \cdot 331 \cdot 23981 \cdot 1538879 \cdot 84253511 \cdot c_{105}, B_1 = 291$
6761: $84253511^2 \Rightarrow n, B_1 = 307; q^4, B_3 = 307$
6763: $P_{13}^{12}, B_2 = 303$
6764: $7^{22} \Rightarrow 47 \cdot 3083 \cdot p_{14}, B_1 = 42$
6765: $p_{14}^1 \Rightarrow 3 \cdot 11 \cdot 577 \cdot 826632619, B_1 = 68$
6766: $826632619^2 \Rightarrow 3 \cdot 157 \cdot 859 \cdot 1117 \cdot 3769 \cdot 401173, B_1 = 103$
6767: $401173^2 \Rightarrow 127 \dots, D$
6768: $401173^4 \Rightarrow 11 \cdot 31 \cdot 2861 \cdot 12301 \cdot p_{13}, B_1 = 157$
6769: $p_{13}^2 \Rightarrow 7 \cdot 490267 \cdot P_{19}, B_1 = 205$
6770: $P_{19}^2 \Rightarrow 3 \dots, S \ 3^4 \cdot 7^{22} \cdot 11^2 \cdot 31^2 \cdot 47^2$
6771: $P_{19}^4 \Rightarrow 151 \cdot 401 \cdot n, B_1 = 318$
6772: $P_{19}^6 \Rightarrow 239 \cdot 281 \cdot n, B_1 = 391; q^{10}, B_2 = 362$
6774: $p_{13}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{22}$
6775: $p_{13}^6 \Rightarrow 22639 \cdot 446669074419172547461 \cdot p_{49}, B_1 = 354$
6776: $p_{13}^{10} \Rightarrow 23 \dots, S \ 3^2 \cdot 7^{22} \cdot 11^2 \cdot 23^2 \cdot 31^2$
6777: $p_{13}^{12} \Rightarrow n, B_1 = 428; q^{16}, B_2 = 394$
6779: $401173^6 \Rightarrow 29 \cdot 9479 \cdot p_{29}, B_1 = 193$
6780: $p_{29}^2 \Rightarrow 3 \dots, S \ 3^4 \cdot 7^{22} \cdot 11^2 \cdot 29^2 \cdot 47^2$
6781: $p_{29}^4 \Rightarrow 11 \cdot n, B_1 = 361; q^6, B_2 = 338$
6783: $401173^{10} \Rightarrow 199 \cdot 4799752453764001671697 \cdot p_{33}, B_1 = 260$
6784: $p_{33}^2 \Rightarrow 73 \cdot n, B_1 = 326; q^4, B_3 = 324$
6786: $401173^{12} \Rightarrow 53 \cdot 8088325448508106127 \cdot 22272183994755331807 \cdot p_{28}, B_1 = 294$
6787: $p_{28}^2 \Rightarrow 3 \cdot 7 \cdot 157 \dots, S \ 3^4 \cdot 7^{22} \cdot 11^2 \cdot 47^2 \cdot 53^2 \cdot 157^2$
6788: $p_{28}^4, B_3 = 348$
6789: $401173^{16} \Rightarrow 54367 \cdot c_{85}, B_1 = 276$
6790: $54367^2 \Rightarrow 3 \cdot 229 \cdot 1213 \cdot 3547, B_1 = 295$
6791: $3547^2 \Rightarrow 3 \cdot n, B_1 = 301; q^4, B_3 = 302$
6793: $54367^4 \Rightarrow 11 \cdot n, B_1 = 303$
6794: $54367^6 \Rightarrow n, B_1 = 323; q^{10}, B_3 = 314$
6796: $401173^{18} \Rightarrow 149759 \cdot 393224008703 \cdot P_{85}, B_1 = 394$
6797: $401173^{22} \Rightarrow 47 \cdot n, B_1 = 337; q^{28}, B_2 = 313$
6799: $826632619^4 \Rightarrow p_{36}, B_1 = 157$
6800: $p_{36}^2 \Rightarrow 193 \cdot 643 \cdot 1471 \cdot 7465663087 \cdot 1963826108383 \cdot 5506261017157 \cdot P_{29}, B_1 = 300$
6801: $p_{36}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{22}$
6802: $p_{36}^6, B_2 = 428$
6803: $826632619^6 \Rightarrow 7 \cdot 491 \cdot 2843 \cdot 28602463 \cdot 25382064170452123 \cdot P_{23}, B_1 = 209$
6804: $P_{23}^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^2 \cdot 7^{22} \cdot 11^2 \cdot 13^2$
6805: $P_{23}^4 \Rightarrow 11 \cdot 41 \cdot n, B_1 = 346; q^6, B_3 = 300$

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: $P_{29}^2 \Rightarrow 19 \dots, D; q^4, B_3 = 353$
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: $p_{71}^1 \Rightarrow 3^2 \cdot 5 \dots, S \quad 3^2 \cdot 5^2 \cdot 7^{22}$
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: $p_{14}^6 \Rightarrow 7 \cdot 71 \cdot 97651 \cdot 24969491 \cdot 13541408917 \cdot 21811444878909631163 \cdot p_{37}, B_1 = 233$
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: $P_{14}^2 \Rightarrow 19 \dots, D$
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: $P_{14}^6 \Rightarrow 127 \dots, D$
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: $p_{17}^2 \Rightarrow 19 \dots, D$
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: $p_{31}^2 \Rightarrow 3 \dots, S \quad 3^2 \cdot 5^2 \cdot 7^{30}$
6872: $p_{31}^4, B_3 = 349$
6873: $P_{23}^4 \Rightarrow 5 \cdot n, B_1 = 333$
6874: $P_{23}^6 \Rightarrow 7 \cdot n, B_1 = 423; q^{10}, B_2 = 451$

6876: $26677735199^6 \Rightarrow 43 \cdot 71 \cdot 5573 \cdot 489520543 \cdot P_{47}, B_1 = 257$
6877: $P_{47}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{30}$
6878: $P_{47}^4, B_2 = 373$
6879: $26677735199^{10} \Rightarrow 23^2 \cdot 67 \cdot 463 \cdot 51437 \cdot c_{93}, B_1 = 291$
6880: $51437^2 \Rightarrow 13 \cdot n, B_1 = 301; q^4, B_3 = 300$
6882: $26677735199^{12} \Rightarrow 157 \cdot n, B_1 = 325; q^{16}, B_2 = 333$
6884: $p_{19}^2 \Rightarrow 3 \cdot 7 \cdot 61 \cdot 463 \cdot 2240060022926953 \cdot p_{17}, B_1 = 132$
6885: $p_{17}^1 \Rightarrow 5^2 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{30}$
6886: $p_{17}^2 \Rightarrow 3 \cdot 13 \cdot 31 \cdot 2513706667 \cdot p_{20}, B_1 = 192$
6887: $p_{20}^1 \Rightarrow 7 \cdot 1871 \cdot P_{16}, B_1 = 229$
6888: $P_{16}^2 \Rightarrow 7 \cdot 39090013 \cdot 6061190089 \cdot P_{13}, B_1 = 289$
6889: $P_{13}^2 \Rightarrow 3 \cdot n, B_1 = 314; q^4, B_3 = 313$
6891: $P_{16}^4 \Rightarrow 31 \cdot 41 \cdot n, B_1 = 321$
6892: $P_{16}^6 \Rightarrow n, B_1 = 382; q^{10}, B_3 = 351$
6894: $p_{20}^2 \Rightarrow 3 \cdot 343153 \cdot p_{34}, B_1 = 257$
6895: $p_{34}^1 \Rightarrow 83 \dots, S \ 3^4 \cdot 7^{30} \cdot 13^2 \cdot 31^2 \cdot 61^2 \cdot 83^2$
6896: $p_{34}^2 \Rightarrow 3 \cdot 7 \cdot 229 \cdot 313 \cdot n, B_1 = 345; q^4, B_3 = 342$
6898: $p_{20}^4 \Rightarrow 11 \dots, S \ 3^2 \cdot 7^{30} \cdot 11^2 \cdot 13 \cdot 31^2$
6899: $p_{20}^6 \Rightarrow n, B_1 = 393; q^{10}, B_2 = 393$
6901: $p_{17}^4 \Rightarrow 11 \cdot 421 \cdot 541 \cdot P_{58}, B_1 = 294$
6902: $P_{58}^2 \Rightarrow 3 \cdot 7 \cdot n, B_1 = 408; q^4, B_2 = 463$
6904: $p_{17}^6 \Rightarrow 4957 \cdot c_{93}, B_1 = 298$
6905: $4957^1 \Rightarrow 37 \cdot 67, B_1 = 316$
6906: $4957^2 \Rightarrow 3 \cdot n, B_1 = 304; q^4, B_3 = 305$
6908: $p_{17}^{10}, B_2 = 321$
6909: $p_{19}^4 \Rightarrow 11 \cdot 15791 \cdot p_{70}, B_1 = 193$
6910: $p_{70}^1 \Rightarrow 3^2 \cdot 13 \dots, S \ 3^2 \cdot 7^{30} \cdot 11^2 \cdot 13^2$
6911: $p_{70}^2 \Rightarrow 7 \cdot 541 \cdot n, B_1 = 399; q^4, B_2 = 553$
6913: $p_{19}^6 \Rightarrow 29 \cdot 197 \cdot 701 \cdot 2437 \cdot 33797 \cdot 414457 \cdot 2574587 \cdot c_{86}, B_1 = 283$
6914: $2574587^2 \Rightarrow 19 \dots, D$
6915: $2574587^4 \Rightarrow 11 \cdot n, B_1 = 322; q^6, B_3 = 308$
6917: $p_{19}^{10}, B_2 = 372$
6918: $7^{36} \Rightarrow 223 \cdot 2887 \cdot p_{25}, B_1 = 66$
6919: $p_{25}^1 \Rightarrow 107 \cdot 157 \cdot 2269 \cdot 6726821 \cdot 9370586851, B_1 = 115$
6920: $9370586851^2 \Rightarrow 3 \cdot 7321 \cdot 45613 \cdot 87650274787, B_1 = 155$
6921: $87650274787^2 \Rightarrow 3 \cdot 421 \cdot 1597 \cdot P_{16}, B_1 = 198$
6922: $P_{16}^2 \Rightarrow 3 \cdot 4003 \cdot 265170755671 \cdot P_{16}, B_1 = 260$
6923: $P_{16}^2 \Rightarrow 3 \cdot 7^2 \cdot 330427 \cdot p_{24}, B_1 = 318$
6924: $P_{16}^4 \Rightarrow 31 \cdot 151 \cdot n, B_1 = 358; q^6, B_3 = 323$
6926: $P_{16}^4 \Rightarrow 2381 \cdot 8761 \cdot 682321 \cdot 18432461 \cdot 72185651 \cdot P_{35}, B_1 = 353$
6927: $P_{16}^6 \Rightarrow 7 \cdot 883 \cdot n, B_1 = 356; q^{10}, B_3 = 322$
6929: $87650274787^4 \Rightarrow 11 \cdot 3613600834929541 \cdot P_{28}, B_1 = 264$
6930: $P_{28}^2 \Rightarrow 3 \cdot 619 \cdot n, B_1 = 321; q^4, B_3 = 319$
6932: $87650274787^6 \Rightarrow 239 \cdot 244021 \cdot 3587347 \cdot 5608387541 \cdot p_{42}, B_1 = 330$
6933: $87650274787^{10} \Rightarrow n, B_1 = 352$
6934: $87650274787^{12} \Rightarrow 313 \cdot 521 \cdot n, B_1 = 401; q^{16}, B_2 = 350$
6936: $9370586851^4 \Rightarrow 5 \cdot 2147081 \cdot 11556431 \cdot 2157751381 \cdot P_{17}, B_1 = 215$
6937: $P_{17}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{36}$
6938: $P_{17}^4 \Rightarrow 5 \cdot 11^2 \cdot 31 \cdot 151 \cdot 211 \cdot n, B_1 = 319$
6939: $P_{17}^6 \Rightarrow 197 \cdot n, B_1 = 382; q^{10}, B_3 = 346$
6941: $9370586851^6 \Rightarrow 953 \cdot 58129 \cdot 4513699 \cdot 171961357 \cdot P_{38}, B_1 = 275$
6942: $P_{38}^2 \Rightarrow 19 \dots, D; q^4, B_3 = 349$
6944: $9370586851^{10} \Rightarrow 138007 \cdot 155893 \cdot 353321 \cdot 652279 \cdot p_{79}, B_1 = 394$
6945: $9370586851^{12} \Rightarrow n, B_1 = 334; q^{16}, B_2 = 319$

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: $p_{16}^1 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{36}$
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: $p_{14}^1 \Rightarrow 11 \dots, S \ 3^2 \cdot 7^{40} \cdot 11^2 \cdot 13^2$
6964: $p_{14}^2 \Rightarrow 3 \cdot 7 \cdot 832129 \cdot P_{20}, B_1 = 293$
6965: $P_{20}^2 \Rightarrow 19 \dots, D$
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: $P_{14}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^{40}$
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: $27796441^2 \Rightarrow 19 \dots, D$
6990: $27796441^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 7^{42}$
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: $p_{14}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{42}$
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: $5434413581^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{42}$
7001: $5434413581^6 \Rightarrow 713357 \cdot 70594021 \cdot P_{45}, B_1 = 278$
7002: $P_{45}^2 \Rightarrow 19 \dots, D; q^4, B_3 = 367$
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: $p_{18}^2 \Rightarrow 19 \dots, D$
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: $p_{21}^2 \Rightarrow 19 \dots, D$
7023: $p_{21}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 7^{46}$
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: $P_{35}^2 \Rightarrow 61 \cdot 241 \cdot 5407 \cdot 4120717024194879943 \cdot 187115016600310232389 \cdot p_{23}, B_1 = 247$
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: $P_{13}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{58}$
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: $p_{24}^1 \Rightarrow 5^2 \dots, S \ 3^2 \cdot 5^2 \cdot 7^{58}$
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: $1512597319^2 \Rightarrow 3 \cdot 7 \dots$, 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: $p_{26}^2 \Rightarrow 19 \dots$, 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: $P_{40}^2 \Rightarrow 32887 \cdot 101918392267441130506963 \cdot n$, $B_1 = 303$; 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: $p_{39}^2 \Rightarrow 3 \dots$, 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: $p_{76}^1 \Rightarrow 3 \cdot 5 \dots$, 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: $7^{106} \Rightarrow 227109283745807808529 \cdot 1620221568881364582821 \cdot p_{49}$, $B_1 = 220$
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: $7^{108} \Rightarrow 14551288401737861 \cdot 63505707690048880101785428103 \cdot P_{47}$, $B_1 = 257$
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: $7^{126} \Rightarrow 260461507 \cdot 554351226505275380676162672703 \cdot p_{69}$, $B_1 = 251$
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: $7^{150} \Rightarrow 115356256117 \cdot 36076003832567 \cdot$
 $206462520503013793561 \cdot 2856349001315592319937 \cdot P_{61}$, $B_1 = 358$
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: $7^{166} \Rightarrow 2158061509 \cdot 623932374204290945359 \cdot n$, $B_1 = 301$
7163: $7^{172} \Rightarrow c_{146}$, $B_{25} = 363$ *see text*; q^{178} , $B_2 = 300$

7165: $11^2 \Rightarrow 19 \dots, D$
7166: $11^4 \Rightarrow 5 \cdot 3221, B_1 = 9$
7167: $3221^1 \Rightarrow 3^2 \cdot 179, B_1 = 14$
7168: $179^2 \Rightarrow 7 \dots, D$
7169: $179^4 \Rightarrow 11 \cdot 93853931, B_1 = 34$
7170: $93853931^2 \Rightarrow 19 \dots, D$
7171: $93853931^4 \Rightarrow 5 \cdot 71 \dots, S \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 71^2 \cdot 179^4$
7172: $93853931^6 \Rightarrow 449 \cdot 122921 \cdot 50479787 \cdot P_{33}, B_1 = 162$
7173: $P_{33}^2 \Rightarrow 19 \dots, D$
7174: $P_{33}^4 \Rightarrow n, B_1 = 356; q^6, B_2 = 388$
7176: $93853931^{10} \Rightarrow 23 \dots, S \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 23^2$
7177: $93853931^{12} \Rightarrow 53 \dots, S \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 53^2$
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: $179^6 \Rightarrow 71 \dots, S \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 71^2 \cdot 179^6$
7182: $179^{10} \Rightarrow 23 \dots, S \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 23^2$
7183: $179^{12} \Rightarrow 79 \dots, S \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 79^2 \cdot 179^{12}$
7184: $179^{16} \Rightarrow 103 \dots, S \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 103^2 \cdot 179^{16}$
7185: $179^{18} \Rightarrow p_{41}, B_1 = 131$
7186: $p_{41}^2 \Rightarrow 3 \dots, S \ 3^4 \cdot 5^2 \cdot 11^4$
7187: $p_{41}^4, B_2 = 324$
7188: $179^{22} \Rightarrow 3271712442424532693 \cdot p_{32}, B_1 = 158$
7189: $p_{32}^2 \Rightarrow 7 \dots, D$
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: $P_{51}^2 \Rightarrow 7 \dots, D$
7194: $P_{51}^4, B_2 = 403$
7195: $179^{30} \Rightarrow 52081 \cdot 2488953079621 \cdot 252727836768067 \cdot P_{37}, B_1 = 212$
7196: $P_{37}^2 \Rightarrow 3 \dots, S \ 3^4 \cdot 5^2 \cdot 11^4$
7197: $P_{37}^4 \Rightarrow 101 \dots, S \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 101^2 \cdot 179^{30}$
7198: $P_{37}^6, B_2 = 432$
7199: $179^{36} \Rightarrow 149 \cdot 26641 \cdot 45228380500883 \cdot P_{61}, B_1 = 253$
7200: $P_{61}^2 \Rightarrow 7 \dots, D$
7201: $P_{61}^4, B_2 = 486$
7202: $179^{40} \Rightarrow 25564888485911 \cdot 6767773290425258835958962475294396867 \cdot p_{40}, B_1 = 280$
7203: $p_{40}^2 \Rightarrow 19 \dots, D$
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: $P_{56}^2 \Rightarrow 3 \dots, S \ 3^4 \cdot 5^2 \cdot 11^4$
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: $3301169^2 \Rightarrow 7 \dots, D$
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: $46685826619^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^2 \cdot 5 \cdot 11^4 \cdot 13^2$
7220: $46685826619^4 \Rightarrow 11 \cdot 31 \cdot p_{41}, B_1 = 119$
7221: $p_{41}^1 \Rightarrow 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 31^2$
7222: $p_{41}^2 \Rightarrow 3 \cdot 109 \cdot 14983303 \cdot 34667497 \cdot 259774493653003821347797 \cdot P_{40}, B_1 = 295$
7223: $P_{40}^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^4 \cdot 5 \cdot 11^4 \cdot 13^2$

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: $p_{46}^1 \Rightarrow 3^4 \dots, S \ 3^6 \cdot 5^2 \cdot 11^4$
7228: $p_{46}^2 \Rightarrow 13 \dots, S \ 3^2 \cdot 5 \cdot 11^4 \cdot 13^2$
7229: $p_{46}^4, B_2 = 361$
7230: $46685826619^{10} \Rightarrow 67 \cdot 991 \cdot 65047623387381432289559 \cdot$
 $102265105664758115601749041 \cdot P_{54}, B_1 = 327$
7231: $46685826619^{12} \Rightarrow 53 \cdot 7333 \cdot 422471294110262190530543 \cdot n, B_1 = 314; q^{16}, B_2 = 341$
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: $5319047759^2 \Rightarrow 7 \dots, D$
7236: $5319047759^4 \Rightarrow 11 \cdot 3924968876651411 \cdot p_{23}, B_1 = 211$
7237: $p_{23}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 41^2$
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: $P_{44}^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 13^2$
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: $p_{33}^1 \Rightarrow 5 \cdot 23 \dots, S \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 23^2$
7248: $p_{33}^2 \Rightarrow 7 \dots, D$
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: $p_{58}^1 \Rightarrow 3 \cdot 37^2 \dots, S \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 37^2$
7253: $p_{58}^2, B_3 = 306$
7254: $p_{23}^6 \Rightarrow 211 \cdot n, B_1 = 321; q^{10}, B_2 = 450$
7256: $10378063^6 \Rightarrow 127 \dots, D$
7257: $10378063^{10} \Rightarrow 23 \cdot 1195278922619 \cdot 9794878649711 \cdot P_{44}, B_1 = 222$
7258: $P_{44}^2 \Rightarrow 127 \dots, D$
7259: $P_{44}^4, B_2 = 349$
7260: $10378063^{12} \Rightarrow 131 \cdot 73080068123622666931553 \cdot$
 $12614694253451600922931463 \cdot p_{35}, B_1 = 231$
7261: $p_{35}^1 \Rightarrow 7 \dots, D$
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: $937459^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 13^2$
7267: $937459^4 \Rightarrow n, B_1 = 305$
7268: $937459^6 \Rightarrow 43 \cdot n, B_1 = 330; q^{10}, B_3 = 317$
7270: $28744367857^2 \Rightarrow 7 \dots, D$
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: $P_{13}^2 \Rightarrow 7 \dots, D$
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: $2934097^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^4 \cdot 11^4 \cdot 41^2$
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: $2934097^6 \Rightarrow 127 \dots, D$

7286: $2934097^{10} \Rightarrow 11 \cdot 317857 \cdot 242209771 \cdot n, B_1 = 313$
7287: $2934097^{12} \Rightarrow n, B_1 = 326$
7288: $2934097^{16} \Rightarrow n, B_1 = 378$
7289: $2934097^{18} \Rightarrow n, B_1 = 404; q^{22}, B_3 = 313$
7291: $p_{18}^2 \Rightarrow 7 \dots, D$
7292: $p_{18}^4 \Rightarrow 5 \cdot 1301 \cdot 1258451 \cdot 10306712347247321 \cdot P_{46}, B_1 = 327$
7293: $p_{18}^6 \Rightarrow 29 \cdot n, B_1 = 345; q^{10}, B_2 = 356$
7295: $P_{13}^6 \Rightarrow 43 \cdot 583171 \cdot 8460677 \cdot 16222061143 \cdot 653530645134217812229717 \cdot P_{26}, B_1 = 217$
7296: $P_{26}^2 \Rightarrow 59281 \cdot 4129921 \cdot 1348929011257 \cdot p_{28}, B_1 = 315$
7297: $P_{26}^4 \Rightarrow 11 \cdot 41 \cdot n, B_1 = 369; q^6, B_3 = 318$
7299: $P_{13}^{10} \Rightarrow 11 \cdot 727 \cdot 120077 \cdot 1226812764101 \cdot$
 $75744599138577557 \cdot 120119116623809285599 \cdot n, B_1 = 304$
7300: $P_{13}^{12} \Rightarrow 599 \cdot n, B_1 = 316; q^{16}, B_2 = 393$
7302: $3221^6 \Rightarrow 7 \dots, D$
7303: $3221^{10} \Rightarrow 381510691 \cdot p_{27}, B_1 = 84$
7304: $p_{27}^1 \Rightarrow 264071 \cdot p_{21}, B_1 = 136$
7305: $p_{21}^2 \Rightarrow 7 \dots, D$
7306: $p_{21}^4 \Rightarrow 5 \cdot 11^2 \cdot 14561 \cdot 113381 \cdot 1623524171 \cdot P_{62}, B_1 = 338$
7307: $p_{21}^6 \Rightarrow 29^2 \cdot n, B_1 = 344; q^{10}, B_2 = 415$
7309: $p_{27}^2 \Rightarrow 7 \dots, D$
7310: $p_{27}^4 \Rightarrow 5 \cdot p_{106}, B_1 = 269$
7311: $p_{106}^1 \Rightarrow n, B_1 = 374; q^2, B_2 = 421$
7313: $p_{27}^6, B_2 = 317$
7314: $3221^{12} \Rightarrow p_{43}, B_1 = 89$
7315: $p_{43}^1 \Rightarrow 7 \dots, D$
7316: $p_{43}^2 \Rightarrow 3 \cdot 1483 \cdot 538357 \cdot 34640062729 \cdot 2134210263176463591037 \cdot P_{43}, B_1 = 278$
7317: $P_{43}^2 \Rightarrow 3 \cdot 571 \cdot n, B_1 = 367; q^4, B_3 = 364$
7319: $p_{43}^4, B_2 = 336$
7320: $3221^{16} \Rightarrow 1429 \cdot 12547 \cdot 22951667 \cdot p_{42}, B_1 = 132$
7321: $p_{42}^1 \Rightarrow 3 \cdot 13 \dots, S \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 13^2$
7322: $p_{42}^2 \Rightarrow 19 \dots, D; q^4, B_2 = 332$
7324: $3221^{18} \Rightarrow 1597 \cdot 9269332682900903447 \cdot 9497087708733775013 \cdot p_{22}, B_1 = 172$
7325: $p_{22}^1 \Rightarrow p_{22}, B_1 = 216$
7326: $p_{22}^2 \Rightarrow 3 \cdot 3319 \cdot 10159 \cdot 11173 \cdot p_{32}, B_1 = 303$
7327: $p_{22}^4 \Rightarrow 11 \cdot 241 \cdot n, B_1 = 347; q^6, B_3 = 303$
7329: $p_{22}^2 \Rightarrow 7 \dots, D$
7330: $p_{22}^4 \Rightarrow 11 \cdot n, B_1 = 306$
7331: $p_{22}^6 \Rightarrow n, B_1 = 395; q^{10}, B_2 = 439$
7333: $3221^{22} \Rightarrow 23 \cdot 47 \cdot 42067967 \cdot 72297931569876148483 \cdot P_{47}, B_1 = 236$
7334: $P_{47}^2 \Rightarrow 769 \cdot n, B_1 = 330; q^4, B_2 = 373$
7336: $3221^{28} \Rightarrow 59 \cdot 120258019403603295865837 \cdot 222989635034413816507920403 \cdot p_{48}, B_1 = 253$
7337: $p_{48}^1 \Rightarrow 3 \cdot 17 \dots, S \ 3^2 \cdot 5^2 \cdot 11^4 \cdot 17^2$
7338: $p_{48}^2 \Rightarrow 19 \dots, D; q^4, B_2 = 376$
7340: $3221^{30} \Rightarrow 44049389 \cdot 230464097482937 \cdot$
 $3861272110346588699 \cdot 166074301140446807594495965831 \cdot P_{36}, B_1 = 306$
7341: $3221^{36} \Rightarrow 593 \cdot 1047059227 \cdot P_{115}, B_1 = 381$
7342: $3221^{40} \Rightarrow 41903 \cdot 44281 \cdot 892079 \cdot 19348196267 \cdot 142469884267 \cdot 1132827484651 \cdot n, B_1 = 330$
7343: $3221^{42} \Rightarrow c_{148}, B_{25} = 368 \text{ see text}; q^{46}, B_2 = 322$
7345: $11^6 \Rightarrow 43 \cdot 45319, B_1 = 18$
7346: $45319^2 \Rightarrow 127 \dots, D$
7347: $45319^4 \Rightarrow 151 \cdot P_{17}, B_1 = 65$
7348: $P_{17}^2 \Rightarrow 43 \cdot 151 \cdot 7621 \cdot p_{26}, B_1 = 98$
7349: $p_{26}^1 \Rightarrow 839 \cdot 4679 \cdot p_{19}, B_1 = 148$
7350: $p_{19}^2 \Rightarrow 7 \dots, D$

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: $P_{36}^2 \Rightarrow 3 \cdot 13 \cdot 31 \cdot 103 \cdot 9135703064070361 \cdot 88153700411320225237 \cdot P_{31}, B_1 = 345$
7356: $P_{36}^4 \Rightarrow 191 \cdot 461 \cdot 491 \cdot n, B_1 = 437; q^6, B_2 = 426$
7358: $p_{26}^4 \Rightarrow 5 \cdot 41 \cdot 164335892598341 \cdot 19711843222670471 \cdot 9263420619893880611 \cdot p_{50}, B_1 = 326; q^6, B_2 = 302$
7360: $P_{17}^4 \Rightarrow 5 \cdot 31 \cdot 1321 \cdot 5568311835481 \cdot P_{48}, B_1 = 217$
7361: $P_{48}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 381$
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: $45319^6 \Rightarrow 7 \dots, D$
7368: $45319^{10} \Rightarrow 23 \cdot 38677 \cdot 1806482129 \cdot 1670048579431 \cdot p_{20}, B_1 = 130$
7369: $p_{20}^1 \Rightarrow 3 \cdot 5 \dots, S \ 3^2 \cdot 5^2 \cdot 11^6 \cdot 23^2$
7370: $p_{20}^2 \Rightarrow 7 \dots, D$
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: $P_{35}^2 \Rightarrow 7 \dots, D$
7376: $P_{35}^4 \Rightarrow 5 \cdot 11 \cdot n, B_1 = 369; q^6, B_2 = 408$
7378: $45319^{16} \Rightarrow 919 \cdot 1531 \cdot 6359 \cdot 35299704606914311 \cdot 344570152656246232080931 \cdot P_{25}, B_1 = 233$
7379: $P_{25}^2 \Rightarrow 7 \dots, D$
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: $p_{82}^1 \Rightarrow 3^2 \cdot 5 \dots, S \ 3^2 \cdot 5^2 \cdot 11^6 \cdot 43^2$
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: $17707^2 \Rightarrow 7 \dots, D$
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: $143590301611^2 \Rightarrow 127 \dots, D$
7396: $143590301611^4 \Rightarrow 5 \cdot 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^{10} \cdot 17^2$
7397: $143590301611^6 \Rightarrow 7 \dots, D$
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: $p_{17}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 11^{10} \cdot 17^2$
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: $P_{43}^2 \Rightarrow 7 \dots, D$
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: $P_{28}^2 \Rightarrow 3 \cdot 163 \cdot 92065038079881511 \cdot P_{37}, B_1 = 266$
7412: $P_{37}^2 \Rightarrow 7 \dots, D$
7413: $P_{37}^4, B_3 = 338$
7414: $P_{28}^4 \Rightarrow 61 \cdot 181 \cdot n, B_1 = 327; q^6, B_2 = 334$

7416: $17707^{12} \Rightarrow 13 \cdot 8528599 \cdot 18103947594851 \cdot p_{30}, B_1 = 181$
7417: $p_{30}^2 \Rightarrow 7 \dots, D$
7418: $p_{30}^4 \Rightarrow 11^2 \cdot n, B_1 = 357; q^6, B_2 = 356$
7420: $17707^{16} \Rightarrow 137^2 \cdot 4931 \cdot 94218863 \cdot 75638139507301382569972061 \cdot p_{27}, B_1 = 228$
7421: $p_{37}^2 \Rightarrow 3 \cdot 31 \cdot 61 \cdot 27815217672493 \cdot P_{36}, B_1 = 331$
7422: $p_{37}^4 \Rightarrow 41 \cdot n, B_1 = 386; q^6, B_3 = 332$
7424: $17707^{18} \Rightarrow 3079 \cdot 16417 \cdot P_{69}, B_1 = 257$
7425: $P_{69}^2 \Rightarrow 3 \cdot 31 \cdot 139 \cdot 919 \cdot n, B_1 = 401; q^4, B_2 = 550$
7427: $17707^{22} \Rightarrow 277 \cdot 2531 \cdot 13109357 \cdot 7678895047 \cdot p_{71}, B_1 = 308$
7428: $17707^{28} \Rightarrow 59 \cdot 349 \cdot 22709681747 \cdot 2521350240206599 \cdot P_{89}, B_1 = 385$
7429: $17707^{30} \Rightarrow 1117 \cdot 1861 \cdot 275588698074649 \cdot p_{107}, B_1 = 410; q^{36}, B_2 = 305$
7431: $1806113^2 \Rightarrow 19 \dots, D$
7432: $1806113^4 \Rightarrow 4051 \cdot 37680901 \cdot P_{14}, B_1 = 86$
7433: $P_{14}^2 \Rightarrow 3 \cdot P_{28}, B_1 = 141$
7434: $P_{28}^2 \Rightarrow 127 \dots, D$
7435: $P_{28}^4 \Rightarrow 5 \cdot 31 \cdot 71^2 \cdot n, B_1 = 307; q^6, B_2 = 326$
7437: $P_{14}^4 \Rightarrow 5 \cdot 11^2 \cdot 251 \cdot 28921 \cdot 8590324811 \cdot 40272778790024161 \cdot p_{20}, B_1 = 208$
7438: $p_{20}^1 \Rightarrow 23 \cdot 139 \cdot 106219 \cdot 22884801377, B_1 = 246$
7439: $22884801377^2 \Rightarrow 19 \dots, D$
7440: $22884801377^4 \Rightarrow 11 \cdot 31 \cdot 41 \cdot 491 \cdot n, B_1 = 313$
7441: $22884801377^6 \Rightarrow n, B_1 = 350; q^{10}, B_3 = 329$
7443: $p_{20}^2 \Rightarrow 7 \dots, D$
7444: $p_{20}^4 \Rightarrow 5 \cdot 11 \cdot n, B_1 = 324$
7445: $p_{20}^6 \Rightarrow 29 \cdot n, B_1 = 404; q^{10}, B_2 = 383$
7447: $P_{14}^6 \Rightarrow 6133 \cdot 33503 \cdot 4906063 \cdot 187602236291 \cdot 4541364223290204257894072449 \cdot P_{30}, B_1 = 287$
7448: $P_{30}^2 \Rightarrow 127 \dots, D; q^4, B_3 = 345$
7450: $P_{14}^{10} \Rightarrow 67 \cdot n, B_1 = 337; q^{12}, B_2 = 332$
7452: $1806113^6 \Rightarrow 7 \dots, D$
7453: $1806113^{10} \Rightarrow 11 \cdot 199 \cdot 155697059523919 \cdot 39874965385371959261 \cdot p_{26}, B_1 = 178$
7454: $p_{26}^1 \Rightarrow 1231 \cdot p_{23}, B_1 = 229$
7455: $p_{23}^2 \Rightarrow 3 \cdot p_{44}, B_1 = 317$
7456: $p_{23}^4 \Rightarrow 31 \cdot n, B_1 = 363; q^6, B_3 = 317$
7458: $p_{26}^2 \Rightarrow 7 \dots, D$
7459: $p_{26}^4 \Rightarrow n, B_1 = 337; q^6, B_2 = 305$
7461: $1806113^{12} \Rightarrow 313 \cdot 20177 \cdot 8637227 \cdot 16715552442777709 \cdot P_{46}, B_1 = 227$
7462: $P_{46}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 360$
7464: $1806113^{16} \Rightarrow 103 \cdot 652937 \cdot 6557479 \cdot c_{86}, B_1 = 227$
7465: $6557479^2 \Rightarrow 3 \cdot 2053 \cdot 43867 \cdot 159157, B_1 = 255$
7466: $159157^1 \Rightarrow 79579, B_1 = 265$
7467: $79579^2 \Rightarrow 19 \dots, D$
7468: $79579^4 \Rightarrow 11 \cdot 31 \cdot 1181 \cdot 354451 \cdot 280956371, B_1 = 312$
7469: $79579^6 \Rightarrow n, B_1 = 314; q^{10}, B_3 = 304$
7471: $159157^2 \Rightarrow 3 \cdot 8443703269, B_1 = 270$
7472: $8443703269^1 \Rightarrow 5 \cdot 1877 \cdot 449851, B_1 = 290$
7473: $449851^2 \Rightarrow 19 \dots, D$
7474: $449851^4, B_3 = 301$
7475: $8443703269^2 \Rightarrow 3 \cdot 31 \cdot 9187 \cdot p_{14}, B_1 = 306$
7476: $8443703269^4 \Rightarrow n, B_1 = 334; q^6, B_3 = 314$
7478: $159157^4 \Rightarrow 11 \cdot 3391 \cdot 674831 \cdot 25491195671, B_1 = 305$
7479: $159157^6 \Rightarrow 197 \cdot n, B_1 = 309$
7480: $159157^{10} \Rightarrow n, B_1 = 348; q^{12}, B_3 = 307$
7482: $6557479^4 \Rightarrow 11 \cdot 431 \cdot p_{24}, B_1 = 276$
7483: $p_{24}^1 \Rightarrow 127 \dots, D$
7484: $p_{24}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 341$

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: $p_{88}^1 \Rightarrow 7 \dots, D; q^2, B_2 = 350$
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: $1579264051^2 \Rightarrow 19 \dots, D$
7498: $1579264051^4 \Rightarrow 5 \cdot 41^2 \cdot 1091 \cdot 291271 \cdot 1232941 \cdot p_{19}, B_1 = 135$
7499: $p_{19}^2 \Rightarrow 7 \dots, D$
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: $1579264051^6 \Rightarrow 7 \dots, D$
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: $13729^2 \Rightarrow 19 \dots, D$
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: $P_{20}^2 \Rightarrow 19 \dots, D; q^4, B_3 = 305$
7545: $p_{22}^4 \Rightarrow n, B_1 = 311$
7546: $p_{22}^6 \Rightarrow 7 \dots, D$
7547: $p_{22}^{10}, B_2 = 436$
7548: $p_{15}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 11^{12} \cdot 17^2$
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: $31012561^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 11^{12} \cdot 17^2$
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: $p_{28}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 11^{12} \cdot 17^2$
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: $42945667^2 \Rightarrow 7 \dots, D$
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: $31012561^{18} \Rightarrow 19 \dots, D; q^{22}, B_2 = 329$
7568: $p_{19}^2 \Rightarrow 3 \cdot 3196717033 \cdot p_{28}, B_1 = 121$
7569: $p_{28}^1 \Rightarrow 7 \dots, D$
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: $P_{28}^2 \Rightarrow 7 \dots, D$
7573: $P_{28}^4, B_3 = 352$
7574: $p_{45}^2 \Rightarrow 7 \dots, D$
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: $p_{51}^1 \Rightarrow 7 \dots, D$
7580: $p_{51}^2 \Rightarrow 3 \cdot 73 \cdot 397 \cdot n, B_1 = 362; q^4, B_2 = 406$
7582: $p_{19}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 370$
7584: $3158528101^4 \Rightarrow 5 \cdot 11^2 \cdot 31 \cdot 4491267603001 \cdot P_{22}, B_1 = 115$
7585: $P_{22}^2 \Rightarrow 3 \cdot 37 \dots, S \ 3^2 \cdot 5 \cdot 11^{12} \cdot 31^2 \cdot 37^2$
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: $3158528101^6 \Rightarrow 7 \dots, D$
7592: $3158528101^{10} \Rightarrow 2003 \cdot 5413 \cdot 1408529 \cdot 255419023619 \cdot$
 $8719890275908419069207756473 \cdot P_{43}, B_1 = 275$
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: $239337374873^2 \Rightarrow 127 \dots, D$
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: $P_{15}^4 \Rightarrow 5 \cdot 11 \cdot 61 \cdot 71 \cdot 2704144073171 \cdot 134775441561943050961 \cdot P_{22}, B_1 = 324$
7606: $P_{15}^6 \Rightarrow 7 \dots, D$
7607: $P_{15}^{10} \Rightarrow n, B_1 = 445; q^{12}, B_2 = 357$
7609: $239337374873^6 \Rightarrow 967 \cdot 18168803404836959013568638489869 \cdot p_{35}, B_1 = 248$
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: $18701^2 \Rightarrow 7 \dots, D$
7618: $18701^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 11^{16} \cdot 13^2$
7619: $18701^6 \Rightarrow 127 \dots, D$

7620: $18701^{10} \Rightarrow 11 \cdot 23 \cdot 34607 \cdot p_{36}, B_1 = 245$
 7621: $p_{36}^2 \Rightarrow 7 \dots, D$
 7622: $p_{36}^4, B_3 = 316$
 7623: $18701^{12} \Rightarrow 131 \cdot 313 \cdot 3680249 \cdot 1567167612751729 \cdot P_{25}, B_1 = 273$
 7624: $P_{25}^2 \Rightarrow 3 \cdot 67 \cdot 433 \cdot n, B_1 = 326; q^4, B_3 = 322$
 7626: $18701^{16} \Rightarrow 17 \cdot 17579 \cdot 337314732842359 \cdot 150764002579788929 \cdot p_{32}, B_1 = 324$
 7627: $18701^{18} \Rightarrow 205063678158695787947 \cdot p_{57}, B_1 = 350$
 7628: $18701^{22} \Rightarrow 47 \cdot n, B_1 = 308$
 7629: $18701^{28} \Rightarrow 59 \cdot n, B_1 = 360$
 7630: $18701^{30} \Rightarrow n, B_1 = 375; q^{36}, B_2 = 307$
 7632: $386855506153^2 \Rightarrow 7 \dots, D$
 7633: $386855506153^4 \Rightarrow 151 \cdot 55817593679144207791 \cdot p_{25}, B_1 = 208$
 7634: $p_{25}^1 \Rightarrow 3 \cdot 31 \cdot 89 \cdot 1381 \cdot 74771 \cdot 1228091 \cdot 1265863, B_1 = 252$
 7635: $1265863^2 \Rightarrow 19 \dots, D$
 7636: $1265863^4 \Rightarrow 11 \cdot 50156501 \cdot P_{16}, B_1 = 311$
 7637: $1265863^6 \Rightarrow n, B_1 = 313; q^{10}, B_3 = 301$
 7639: $p_{25}^2 \Rightarrow 7 \dots, D$
 7640: $p_{25}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 11^{16} \cdot 31^2 \cdot 37^2$
 7641: $p_{25}^6, B_3 = 320$
 7642: $386855506153^6 \Rightarrow 12377 \cdot 75223 \cdot 2512439261977 \cdot 301490606242076161 \cdot p_{31}, B_1 = 271$
 7643: $p_{31}^1 \Rightarrow 3 \cdot 5 \cdot 11 \dots, S \ 3^2 \cdot 5^2 \cdot 11^{16} \cdot 31^2$
 7644: $p_{31}^2 \Rightarrow 787 \cdot n, B_1 = 349; q^4, B_3 = 346$
 7646: $386855506153^{10} \Rightarrow 23 \cdot n, B_1 = 317$
 7647: $386855506153^{12} \Rightarrow 53 \cdot 131 \cdot n, B_1 = 366; q^{16}, B_2 = 370$
 7649: $p_{17}^4 \Rightarrow 3772162179805889112204931 \cdot P_{43}, B_1 = 217$
 7650: $P_{43}^2 \Rightarrow 13 \cdot n, B_1 = 301; q^4, B_2 = 337$
 7652: $p_{17}^6 \Rightarrow 43 \cdot 12377 \cdot 5722211438623 \cdot P_{82}, B_1 = 313; q^{10}, B_2 = 334$
 7654: $11^{18} \Rightarrow p_{19}, B_1 = 37$
 7655: $p_{19}^1 \Rightarrow 5 \cdot 31 \cdot 70911041 \cdot 278218153, B_1 = 74$
 7656: $278218153^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 11^{18} \cdot 31^2$
 7657: $278218153^4 \Rightarrow 11 \cdot 31 \cdot 61 \cdot 691 \cdot 23251 \cdot 40841 \cdot 3737791 \cdot 117442848251, B_1 = 153$
 7658: $117442848251^2 \Rightarrow 79 \cdot 240049 \cdot P_{15}, B_1 = 198$
 7659: $P_{15}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 11^{18} \cdot 31^2$
 7660: $P_{15}^4 \Rightarrow 71 \cdot 1312211 \cdot 42163943823611 \cdot n, B_1 = 308$
 7661: $P_{15}^6 \Rightarrow 7 \dots, D; q^{10}, B_3 = 317$
 7663: $117442848251^4 \Rightarrow 5 \cdot 11 \cdot 41 \cdot 191 \cdot 541 \cdot 850021 \cdot p_{30}, B_1 = 261$
 7664: $p_{30}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 11^{18} \cdot 31^2$
 7665: $p_{30}^4, B_3 = 321$
 7666: $117442848251^6 \Rightarrow 7 \dots, D$
 7667: $117442848251^{10} \Rightarrow 23 \cdot n, B_1 = 354$
 7668: $117442848251^{12} \Rightarrow 13 \cdot 53 \cdot n, B_1 = 400; q^{16}, B_2 = 354$
 7670: $278218153^6 \Rightarrow 337 \cdot 2044351 \cdot 160552114223488513 \cdot p_{25}, B_1 = 209$
 7671: $p_{25}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 11^{18} \cdot 31^2$
 7672: $p_{25}^4 \Rightarrow 31 \cdot 131 \cdot n, B_1 = 357; q^6, B_3 = 308$
 7674: $278218153^{10} \Rightarrow P_{85}, B_1 = 310$
 7675: $278218153^{12} \Rightarrow 35222357 \cdot c_{94}, B_1 = 267$
 7676: $35222357^2 \Rightarrow 7 \dots, D$
 7677: $35222357^4 \Rightarrow 11 \cdot 31 \cdot 311 \cdot n, B_1 = 313$
 7678: $35222357^6 \Rightarrow 673 \cdot n, B_1 = 346; q^{10}, B_3 = 328$
 7680: $278218153^{16} \Rightarrow 137 \cdot n, B_1 = 329; q^{18}, B_2 = 303$
 7682: $p_{19}^2 \Rightarrow 3 \cdot 79 \cdot 17881 \cdot 353461951 \cdot p_{23}, B_1 = 109$
 7683: $p_{23}^1 \Rightarrow 148913 \cdot 60025093 \cdot 1396830683, B_1 = 153$
 7684: $1396830683^2 \Rightarrow 19 \dots, D$
 7685: $1396830683^4 \Rightarrow 39126569995951 \cdot P_{23}, B_1 = 244$

7686: $P_{23}^2 \Rightarrow 19 \dots, D$
7687: $P_{23}^4 \Rightarrow 5 \cdot 11 \cdot 41^2 \dots, S \ 3^2 \cdot 5^2 \cdot 11^{18} \cdot 41^2$
7688: $P_{23}^6, B_3 = 336$
7689: $1396830683^6 \Rightarrow 43 \cdot 1093 \cdot 29886193 \cdot P_{43}, B_1 = 299$
7690: $P_{43}^2 \Rightarrow 3 \cdot n, B_1 = 384; q^4, B_3 = 385$
7692: $1396830683^{10} \Rightarrow n, B_1 = 317$
7693: $1396830683^{12} \Rightarrow 13 \cdot 131 \cdot n, B_1 = 357$
7694: $1396830683^{16} \Rightarrow 307 \cdot n, B_1 = 430; q^{18}, B_2 = 329$
7696: $p_{23}^2 \Rightarrow 7 \dots, D$
7697: $p_{23}^4 \Rightarrow 131 \cdot 742544719990061 \cdot P_{73}, B_1 = 340$
7698: $p_{23}^6 \Rightarrow n, B_1 = 351; q^{10}, B_2 = 447$
7700: $p_{19}^4 \Rightarrow 101 \cdot 6221 \cdot 13421 \cdot 20305631 \cdot 12727731540736518511 \cdot p_{39}, B_1 = 205$
7701: $p_{39}^1 \Rightarrow 3 \cdot 17 \cdot P_{37}, B_1 = 282$
7702: $P_{37}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 355$
7704: $p_{39}^2 \Rightarrow n, B_1 = 317; q^4, B_3 = 317$
7706: $p_{19}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 375$
7708: $11^{22} \Rightarrow 829 \cdot 28878847 \cdot P_{13}, B_1 = 65$
7709: $P_{13}^2 \Rightarrow 3 \cdot 73 \cdot 283 \cdot 487 \cdot 811 \cdot 1692283 \cdot 337708039, B_1 = 116$
7710: $337708039^2 \Rightarrow 7 \dots, D$
7711: $337708039^4 \Rightarrow 11 \cdot 41 \cdot 971 \cdot 9551 \cdot 1037358851 \cdot p_{16}, B_1 = 186$
7712: $p_{16}^1 \Rightarrow 43 \cdot 277 \cdot 673 \cdot 186981517, B_1 = 217$
7713: $186981517^2 \Rightarrow 7 \dots, D$
7714: $186981517^4 \Rightarrow 128941 \cdot p_{28}, B_1 = 299$
7715: $p_{28}^2 \Rightarrow n, B_1 = 355; q^4, B_3 = 355$
7717: $186981517^6 \Rightarrow 43 \cdot p_{48}, B_1 = 346$
7718: $186981517^{10} \Rightarrow 23 \cdot 463 \cdot n, B_1 = 370$
7719: $186981517^{12} \Rightarrow n, B_1 = 399; q^{16}, B_3 = 332$
7721: $p_{16}^2 \Rightarrow 3 \cdot 463 \cdot 4813 \cdot 40583593 \cdot P_{17}, B_1 = 255$
7722: $P_{17}^2 \Rightarrow 7 \dots, D$
7723: $P_{17}^4 \Rightarrow 11 \cdot n, B_1 = 353; q^6, B_3 = 321$
7725: $p_{16}^4 \Rightarrow 5 \cdot 181 \dots, S \ 3^2 \cdot 5 \cdot 11^{22} \cdot 41^2 \cdot 73^2 \cdot 181^2 \cdot 283^2 \cdot 487^2$
7726: $p_{16}^6 \Rightarrow 7 \dots, D; q^{10}, B_3 = 323$
7728: $337708039^6 \Rightarrow 29 \cdot 16852109 \cdot p_{43}, B_1 = 213$
7729: $p_{43}^1 \Rightarrow 20333 \cdot p_{38}, B_1 = 297$
7730: $p_{38}^2 \Rightarrow n, B_1 = 373; q^4, B_3 = 373$
7732: $p_{43}^2 \Rightarrow 3 \cdot 13 \cdot 43 \cdot 103 \cdot 367 \cdot n, B_1 = 340; q^4, B_2 = 339$
7734: $337708039^{10} \Rightarrow 3433 \cdot 41911 \cdot 45320257907 \cdot 27732345211152979 \cdot P_{51}, B_1 = 354$
7735: $337708039^{12} \Rightarrow 53 \cdot n, B_1 = 305$
7736: $337708039^{16} \Rightarrow n, B_1 = 372; q^{18}, B_2 = 307$
7738: $P_{13}^4 \Rightarrow 5 \cdot 283541 \cdot 51360941 \cdot 83871721 \cdot 66933648671 \cdot P_{18}, B_1 = 186$
7739: $P_{18}^2 \Rightarrow 32083 \cdot 17993349570499 \cdot p_{18}, B_1 = 247$
7740: $p_{18}^1 \Rightarrow 7 \dots, D$
7741: $p_{18}^2 \Rightarrow 3 \cdot 1993 \cdot 315242227 \cdot P_{23}, B_1 = 327$
7742: $p_{18}^4 \Rightarrow n, B_1 = 362; q^6, B_3 = 327$
7744: $P_{18}^4 \Rightarrow 5 \cdot 11^2 \cdot 6841 \cdot 758311933716632048421022005811 \cdot P_{35}, B_1 = 357$
7745: $P_{18}^6 \Rightarrow 127 \dots, D; q^{10}, B_2 = 353$
7747: $P_{13}^6 \Rightarrow 7 \dots, D$
7748: $P_{13}^{10} \Rightarrow 23060129782318927 \cdot n, B_1 = 308; q^{12}, B_2 = 301$
7750: $11^{28} \Rightarrow 523 \cdot P_{27}, B_1 = 87$
7751: $P_{27}^2 \Rightarrow 3 \cdot 571 \cdot 1879 \cdot 115327 \cdot 4100539 \cdot 22718419879 \cdot p_{25}, B_1 = 169$
7752: $p_{25}^1 \Rightarrow 7 \dots, D$
7753: $p_{25}^2 \Rightarrow 3 \cdot 853 \cdot 1531 \cdot P_{43}, B_1 = 287$
7754: $P_{43}^2 \Rightarrow 3 \cdot n, B_1 = 372; q^4, B_3 = 371$
7756: $p_{25}^4 \Rightarrow 11 \cdot 521 \cdot n, B_1 = 338$

7757: $p_{25}^6 \Rightarrow 239 \cdot n, B_1 = 440; q^{10}, B_2 = 488$
7759: $P_{27}^4 \Rightarrow 1811 \cdot 10492129345935944590511 \cdot c_{81}, B_1 = 271$
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: $p_{21}^1 \Rightarrow 19 \dots, D$
7766: $p_{21}^2 \Rightarrow 7 \dots, D$
7767: $p_{21}^4 \Rightarrow 2800114105441 \cdot 35250190534010309483387921 \cdot p_{44}, B_1 = 335$
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: $p_{73}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 578$
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: $P_{18}^2 \Rightarrow 19 \dots, D$
7779: $P_{18}^4 \Rightarrow 1301 \cdot 1581191 \cdot 10067741 \cdot 169713225614589005561 \cdot P_{32}, B_1 = 336$
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: $P_{27}^2 \Rightarrow 19 \dots, D$
7791: $P_{27}^4 \Rightarrow 5 \cdot 151 \dots, S \ 3^2 \cdot 5 \cdot 11^{40} \cdot 43^2 \cdot 83^2 \cdot 151^2 \cdot 163^2$
7792: $P_{27}^6, B_3 = 323$
7793: $P_{14}^4 \Rightarrow 58391 \cdot P_{49}, B_1 = 298$
7794: $P_{49}^2 \Rightarrow 7 \dots, D$
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: $840139875599^6 \Rightarrow 127 \dots, D$
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: $p_{41}^1 \Rightarrow 7 \dots, D$
7814: $p_{41}^2 \Rightarrow 127 \dots, D; q^4, B_2 = 326$
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: $p_{26}^2 \Rightarrow 7 \dots, D$
7821: $p_{26}^4 \Rightarrow 71 \cdot 241 \cdot n, B_1 = 329; q^6, B_2 = 307$
7823: $p_{29}^2 \Rightarrow 3 \cdot 13 \cdot 56397413528107 \cdot 2952323045270781991 \cdot p_{23}, B_1 = 234$
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: $P_{40}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 318$
7836: $11^{58} \Rightarrow 1181 \cdot 70845409351 \cdot P_{47}, B_1 = 178$
7837: $P_{47}^2 \Rightarrow 19 \dots, D; q^4, B_2 = 372$
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: $p_{28}^2 \Rightarrow 7 \dots, D$
7842: $p_{48}^4 \Rightarrow n, B_1 = 391; q^6, B_3 = 337$
7844: $p_{43}^2 \Rightarrow 3 \cdot 1447 \cdot 1020646088677639 \cdot 110118349456285004215393 \cdot p_{43}, B_1 = 313; q^4, B_2 = 337$
7846: $11^{66} \Rightarrow 15277 \cdot 2160349 \cdot 76394148218203559 \cdot P_{42}, B_1 = 199$
7847: $P_{42}^2 \Rightarrow 1241054015527 \cdot 2061459378049253038884784535899 \cdot p_{41}, B_1 = 331; q^4, B_2 = 330$
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: $691^2 \Rightarrow 19 \dots, D$
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: $p_{76}^1 \Rightarrow 578633548521408029271601481505799 \cdot P_{42}, B_1 = 299$
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: $p_{61}^1 \Rightarrow 7 \dots, D$
7865: $p_{61}^2 \Rightarrow n, B_1 = 365; q^4, B_2 = 481$
7867: $11^{88} \Rightarrow 73111721 \cdot 2103114787086589 \cdot 4180235017418376525776333 \cdot p_{44}, B_1 = 231$
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: $11^{100} \Rightarrow 341459085477993311443 \cdot 86408339296208914807632672776254957729 \cdot P_{46}, B_1 = 274$
7874: $P_{46}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 365$
7876: $11^{102} \Rightarrow 24103 \cdot 37723802531 \cdot 995301206162659155091 \cdot P_{71}, B_1 = 318$
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: $p_{48}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 382$
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: $11^{126} \Rightarrow 2985212831443 \cdot 6073732108394141 \cdot 108345618426999904901 \cdot P_{83}, B_1 = 373$
7886: $11^{130} \Rightarrow 263 \cdot c_{134}, B_1 = 273$
7887: $263^2 \Rightarrow 7 \dots, D$
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: $11^{136} \Rightarrow 8221 \cdot 339761 \cdot 3677081 \cdot 136238281 \cdot 394711476243912154244261783 \cdot P_{91}$, $B_1 = 416$
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} , $B_2 = 308$

7901: $31^2 \Rightarrow 3 \cdot 331, B_1 = 8$
7902: $331^2 \Rightarrow 7 \dots, D$
7903: $331^4 \Rightarrow 5 \cdot 37861 \cdot 63601, B_1 = 29$
7904: $63601^1 \Rightarrow 7 \dots, D$
7905: $63601^2 \Rightarrow 3 \cdot 2203 \cdot 612067, B_1 = 47$
7906: $612067^2 \Rightarrow 3 \cdot 4801 \cdot 26010319, B_1 = 71$
7907: $26010319^2 \Rightarrow 3 \cdot 43 \cdot 9949 \cdot 527135461, B_1 = 95$
7908: $527135461^1 \Rightarrow 7 \dots, D$
7909: $527135461^2 \Rightarrow 3 \cdot 41233 \cdot p_{13}, B_1 = 126$
7910: $p_{13}^1 \Rightarrow 521 \cdot 10391 \cdot 207469, B_1 = 150$
7911: $207469^2 \Rightarrow 3 \cdot 37 \dots, S \ 3^6 \cdot 5^2 \cdot 31^2 \cdot 37^2 \cdot 43^2$
7912: $207469^4 \Rightarrow 11 \dots, D$
7913: $207469^6 \Rightarrow P_{32}, B_1 = 235$
7914: $P_{32}^2 \Rightarrow 3 \cdot 383941 \cdot n, B_1 = 304$
7915: $P_{32}^4 \Rightarrow 5 \cdot 941 \cdot n, B_1 = 429; q^6, B_2 = 382$
7917: $207469^{10} \Rightarrow 23 \dots, S \ 3^6 \cdot 5^2 \cdot 23^2 \cdot 31^2$
7918: $207469^{12} \Rightarrow 136397 \cdot 392549 \cdot 1162191861700663 \cdot P_{39}, B_1 = 331$
7919: $207469^{16} \Rightarrow 17 \dots, S \ 3^6 \cdot 5^2 \cdot 17^2 \cdot 31^2$
7920: $207469^{18} \Rightarrow n, B_1 = 331$
7921: $207469^{22} \Rightarrow 277 \cdot n, B_1 = 376$
7922: $207469^{28} \Rightarrow 59 \dots, S \ 3^6 \cdot 5^2 \cdot 31^2 \cdot 43^2 \cdot 59^2$
7923: $207469^{30}, B_2 = 319$
7924: $p_{13}^2 \Rightarrow 7 \dots, D$
7925: $p_{13}^4 \Rightarrow 1099652461 \cdot 17488527246415981121 \cdot p_{22}, B_1 = 241$
7926: $p_{22}^1 \Rightarrow 41 \dots, S \ 3^6 \cdot 5^2 \cdot 31^2 \cdot 41^2 \cdot 43^2$
7927: $p_{22}^2 \Rightarrow 7 \dots, D$
7928: $p_{22}^4 \Rightarrow 11 \dots, D$
7929: $p_{22}^6, B_3 = 327$
7930: $p_{13}^6 \Rightarrow 211 \cdot 6007 \cdot 12535769 \cdot 94030112653 \cdot P_{50}, B_1 = 325$
7931: $p_{13}^{10} \Rightarrow 23 \cdot n, B_1 = 358$
7932: $p_{13}^{12} \Rightarrow n, B_1 = 406; q^{16}, B_2 = 395$
7934: $527135461^4 \Rightarrow 5 \cdot 491 \cdot 2537551 \cdot 3563501 \cdot p_{19}, B_1 = 171$
7935: $p_{19}^1 \Rightarrow 19 \dots, D$
7936: $p_{19}^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^6 \cdot 5^2 \cdot 13$
7937: $p_{19}^4 \Rightarrow 5 \cdot 2341 \cdot 107248578337841436595329781 \cdot p_{45}, B_1 = 331$
7938: $p_{19}^6 \Rightarrow n, B_1 = 368; q^{10}, B_2 = 370$
7940: $527135461^6 \Rightarrow 29 \cdot 4817 \cdot P_{48}, B_1 = 239$
7941: $P_{48}^2 \Rightarrow 3 \cdot n, B_1 = 334; q^4, B_2 = 377$
7943: $527135461^{10} \Rightarrow 23 \cdot 1123 \cdot 1638913 \cdot 228541646056333735511 \cdot p_{57}, B_1 = 292$
7944: $p_{57}^1 \Rightarrow 3 \cdot 29 \dots, S \ 3^6 \cdot 5^2 \cdot 23^2 \cdot 29^2$
7945: $p_{57}^2, B_3 = 342$
7946: $527135461^{12} \Rightarrow 131 \cdot 1265993 \cdot P_{97}, B_1 = 394$
7947: $527135461^{16} \Rightarrow n, B_1 = 361; q^{18}, B_2 = 313$
7949: $26010319^4 \Rightarrow 11 \dots, D$
7950: $26010319^6 \Rightarrow 29 \cdot 71 \cdot P_{42}, B_1 = 189$
7951: $P_{42}^2 \Rightarrow 3 \cdot 541 \cdot c_{80}, B_1 = 274$
7952: $541^1 \Rightarrow \dots, S \ 3^4 \cdot 5^2 \cdot 29^2 \cdot 31^2 \cdot 71^2$
7953: $541^2 \Rightarrow 7 \dots, D$
7954: $541^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 29 \cdot 31^2 \cdot 71^2$
7955: $541^6 \Rightarrow n, B_1 = 301$
7956: $541^{10} \Rightarrow 23 \dots, S \ 3^4 \cdot 5 \cdot 23^2 \cdot 29^2 \cdot 31^2$
7957: $541^{12}, B_3 = 301$
7958: $P_{42}^4, B_2 = 329$
7959: $26010319^{10} \Rightarrow 1871 \cdot 77243 \cdot 574414377218504461 \cdot 35976893114943991321 \cdot p_{29}, B_1 = 254$

7960: $p_{29}^1 \Rightarrow 3 \cdot 569 \cdot 2045557047223 \cdot p_{13}, B_1 = 310$
7961: $p_{29}^2 \Rightarrow 13 \dots, S \ 3^4 \cdot 5 \cdot 13^2 \cdot 31^2$
7962: $p_{29}^4, B_3 = 321$
7963: $26010319^{12} \Rightarrow 252409 \cdot 5083135974848259794441 \cdot p_{62}, B_1 = 265$
7964: $p_{62}^1 \Rightarrow 11 \dots, D$
7965: $p_{62}^2, B_3 = 305$
7966: $26010319^{16} \Rightarrow 613 \cdot c_{116}, B_1 = 296$
7967: $613^1 \Rightarrow 307, B_1 = 303$
7968: $613^2 \Rightarrow 7 \dots, D$
7969: $613^4, B_3 = 301$
7970: $26010319^{18} \Rightarrow n, B_1 = 323; q^{22}, B_2 = 326$
7972: $612067^4 \Rightarrow 11 \dots, D$
7973: $612067^6 \Rightarrow 7 \dots, D$
7974: $612067^{10} \Rightarrow 67 \cdot 397 \cdot 1453 \cdot 69442146841 \cdot 439603198057 \cdot P_{28}, B_1 = 202$
7975: $P_{28}^2 \Rightarrow 19 \dots, D$
7976: $P_{28}^4 \Rightarrow n, B_1 = 369; q^6, B_2 = 333$
7978: $612067^{12} \Rightarrow 13 \cdot 401297819245016618043922143043 \cdot P_{39}, B_1 = 244$
7979: $P_{39}^2 \Rightarrow 3 \dots, S \ 3^4 \cdot 5 \cdot 13^2 \cdot 31^2$
7980: $P_{39}^4, B_3 = 322$
7981: $612067^{16} \Rightarrow 137 \cdot 307 \cdot 97090110545500444840931928511 \cdot p_{59}, B_1 = 259$
7982: $p_{59}^1 \Rightarrow 5 \cdot 269 \cdot 379 \cdot n, B_1 = 322; q^2, B_3 = 314$
7984: $612067^{18} \Rightarrow 19 \dots, D$
7985: $612067^{22} \Rightarrow c_{128}, B_{25} = 318 \text{ see text}; q^{28}, B_2 = 324$
7987: $63601^4 \Rightarrow 5 \cdot 41 \cdot 271 \cdot 1381 \cdot 4231 \cdot 50408381, B_1 = 73$
7988: $50408381^1 \Rightarrow 3 \cdot 8401397, B_1 = 86$
7989: $8401397^2 \Rightarrow 7 \dots, D$
7990: $8401397^4 \Rightarrow 11 \dots, D$
7991: $8401397^6 \Rightarrow 281 \cdot 77659267884072001 \cdot P_{23}, B_1 = 197$
7992: $P_{23}^2 \Rightarrow 1993 \cdot 4340449 \cdot p_{35}, B_1 = 286$
7993: $p_{35}^2 \Rightarrow 7 \dots, D$
7994: $p_{35}^4, B_3 = 355$
7995: $P_{23}^4 \Rightarrow 11 \dots, D$
7996: $P_{23}^6 \Rightarrow 7 \dots, D$
7997: $P_{23}^{10}, B_2 = 444$
7998: $8401397^{10} \Rightarrow 23 \cdot 89 \dots, S \ 3^2 \cdot 5^2 \cdot 23^2 \cdot 31^2 \cdot 41^2 \cdot 89^2$
7999: $8401397^{12} \Rightarrow 53 \cdot 2081 \cdot 4092479 \cdot 6419358349 \cdot 29490291876553769 \cdot 3223010146740220643 \cdot p_{27}, B_1 = 322$
8000: $8401397^{16} \Rightarrow 5297786297 \cdot n, B_1 = 304$
8001: $8401397^{18} \Rightarrow n, B_1 = 322; q^{22}, B_2 = 304$
8003: $50408381^2 \Rightarrow 7 \dots, D$
8004: $50408381^4 \Rightarrow 5 \cdot 241 \cdot p_{28}, B_1 = 130$
8005: $p_{28}^1 \Rightarrow 11 \dots, D$
8006: $p_{28}^2 \Rightarrow 7681 \cdot 42403 \cdot 47419 \cdot 2031301 \cdot 4754014261 \cdot P_{27}, B_1 = 259$
8007: $P_{27}^2 \Rightarrow 3 \cdot 463 \cdot n, B_1 = 313; q^4, B_3 = 311$
8009: $p_{28}^4 \Rightarrow 5 \cdot n, B_1 = 315; q^6, B_2 = 332$
8011: $50408381^6 \Rightarrow 105585173 \cdot P_{39}, B_1 = 196$
8012: $P_{39}^2 \Rightarrow 275503 \cdot P_{71}, B_1 = 348; q^4, B_2 = 305$
8014: $50408381^{10} \Rightarrow 11 \dots, D$
8015: $50408381^{12} \Rightarrow 53 \cdot 313 \cdot 5279 \cdot 45661019 \cdot 10460439263 \cdot 13517349613 \cdot 5786109652125002560387 \cdot p_{35}, B_1 = 307$
8016: $50408381^{16} \Rightarrow n, B_1 = 307$
8017: $50408381^{18} \Rightarrow 229 \cdot n, B_1 = 340; q^{22}, B_2 = 338$
8019: $63601^6 \Rightarrow 43 \cdot p_{28}, B_1 = 83$
8020: $p_{28}^1 \Rightarrow 11 \dots, D$

8021: $p_{28}^2 \Rightarrow 3 \cdot 67 \cdot 1117 \cdot P_{50}, B_1 = 214$
8022: $P_{50}^2 \Rightarrow 7 \dots, D$
8023: $P_{50}^4, B_2 = 392$
8024: $p_{28}^4 \Rightarrow 3271 \cdot 14821 \cdot 226741 \cdot 1670022551 \cdot$
 $1263451775113692721 \cdot p_{69}, B_1 = 314; q^6, B_2 = 326$
8026: $63601^{10} \Rightarrow 23 \cdot 2927 \cdot P_{44}, B_1 = 164$
8027: $P_{44}^2 \Rightarrow 7 \dots, D$
8028: $P_{44}^4, B_2 = 345$
8029: $63601^{12} \Rightarrow 157 \cdot 191621 \cdot 30963286783037373883 \cdot P_{31}, B_1 = 192$
8030: $P_{31}^2 \Rightarrow 14779551379 \cdot 29466440583269656339411 \cdot p_{29}, B_1 = 291$
8031: $p_{29}^1 \Rightarrow 7 \dots, D$
8032: $p_{29}^2, B_3 = 314$
8033: $P_{31}^4 \Rightarrow n, B_1 = 376; q^6, B_2 = 368$
8035: $63601^{16} \Rightarrow 225474233952317168639 \cdot P_{57}, B_1 = 250$
8036: $P_{57}^2 \Rightarrow 7 \dots, D$
8037: $P_{57}^4, B_2 = 452$
8038: $63601^{18} \Rightarrow 10243208361791721120368579 \cdot 383592527552439861981640241 \cdot p_{35}, B_1 = 249$
8039: $p_{35}^1 \Rightarrow 13 \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 31^2$
8040: $p_{35}^2 \Rightarrow 3 \cdot n, B_1 = 326; q^4, B_3 = 327$
8042: $63601^{22} \Rightarrow P_{106}, B_1 = 337$
8043: $63601^{28} \Rightarrow 28952731 \cdot 486391133 \cdot 2889765031 \cdot n, B_1 = 310$
8044: $63601^{30} \Rightarrow n, B_1 = 308; q^{36}, B_2 = 345$
8046: $331^6 \Rightarrow 2180921 \cdot 604842197, B_1 = 40$
8047: $604842197^1 \Rightarrow 3 \cdot 1373 \cdot 73421, B_1 = 56$
8048: $73421^2 \Rightarrow 823 \cdot 6550081, B_1 = 75$
8049: $6550081^2 \Rightarrow 3 \cdot 409 \cdot 34966232809, B_1 = 103$
8050: $34966232809^2 \Rightarrow 19 \dots, D$
8051: $34966232809^4 \Rightarrow 461 \cdot 1091 \cdot 162641 \cdot P_{32}, B_1 = 208$
8052: $P_{32}^2 \Rightarrow 7 \dots, D$
8053: $P_{32}^4 \Rightarrow 5 \cdot 41 \cdot n, B_1 = 398; q^6, B_2 = 375$
8055: $34966232809^6 \Rightarrow 29 \cdot 1561990900633597420631 \cdot p_{41}, B_1 = 271$
8056: $p_{41}^2 \Rightarrow 3 \cdot 13 \cdot n, B_1 = 353; q^4, B_3 = 353$
8058: $34966232809^{10} \Rightarrow 23 \cdot 199 \cdot 947 \cdot 66173053 \cdot n, B_1 = 307$
8059: $34966232809^{12} \Rightarrow 13 \cdot 53 \cdot n, B_1 = 338; q^{16}, B_2 = 337$
8061: $6550081^4 \Rightarrow 5 \cdot 701 \cdot p_{24}, B_1 = 144$
8062: $p_{24}^2 \Rightarrow 1231 \cdot 4051 \cdot 12821654851 \cdot 33427770298891 \cdot P_{18}, B_1 = 239$
8063: $P_{18}^2 \Rightarrow 3 \cdot P_{34}, B_1 = 307$
8064: $P_{18}^4 \Rightarrow n, B_1 = 341; q^6, B_3 = 307$
8066: $p_{24}^4 \Rightarrow 5 \cdot 2521 \cdot 3708333701093711 \cdot P_{76}, B_1 = 379$
8067: $p_{24}^6 \Rightarrow 71 \cdot n, B_1 = 383; q^{10}, B_2 = 474$
8069: $6550081^6 \Rightarrow 29 \cdot 3221 \cdot P_{36}, B_1 = 185$
8070: $P_{36}^2 \Rightarrow 3 \cdot 43891 \cdot 47869 \cdot 956983634331274725583151017 \cdot p_{36}, B_1 = 328$
8071: $P_{36}^4 \Rightarrow 31 \cdot n, B_1 = 399; q^6, B_2 = 431$
8073: $6550081^{10} \Rightarrow 23 \cdot 16787 \cdot 54539 \cdot 8104191259748789040621677 \cdot p_{33}, B_1 = 266$
8074: $p_{33}^2 \Rightarrow 13 \cdot n, B_1 = 333; q^4, B_3 = 332$
8076: $6550081^{12} \Rightarrow p_{82}, B_1 = 307$
8077: $6550081^{16} \Rightarrow 20809 \cdot 80819 \cdot 466651 \cdot 1134207769 \cdot 24896653783 \cdot P_{75}, B_1 = 389$
8078: $6550081^{18} \Rightarrow n, B_1 = 307$
8079: $6550081^{22} \Rightarrow n, B_1 = 362; q^{28}, B_2 = 381$
8081: $73421^4 \Rightarrow 5 \cdot 101 \cdot 131 \cdot 2935811 \cdot 149622301, B_1 = 105$
8082: $149622301^2 \Rightarrow 3 \cdot p_{16}, B_1 = 137$
8083: $p_{16}^2 \Rightarrow 7 \dots, D$
8084: $p_{16}^4 \Rightarrow 5 \cdot 539141 \cdot 10505951 \cdot 4933302955772001331 \cdot p_{32}, B_1 = 295$
8085: $p_{32}^2 \Rightarrow 3 \cdot 31 \cdot n, B_1 = 355; q^4, B_3 = 357$

8087: $p_{16}^6 \Rightarrow 143362217783 \cdot n, B_1 = 307; q^{10}, B_2 = 317$
8089: $149622301^4 \Rightarrow 11 \dots, D$
8090: $149622301^6 \Rightarrow 29 \cdot 101347 \cdot 61689865994893043363 \cdot P_{23}, B_1 = 235$
8091: $P_{23}^2 \Rightarrow 3 \dots, S \ 3^4 \cdot 5^2 \cdot 29^2 \cdot 31^2 \cdot 101^2$
8092: $P_{23}^4 \Rightarrow 61 \cdot 71 \dots, S \ 3^2 \cdot 5^2 \cdot 29^2 \cdot 31^2 \cdot 61^2 \cdot 71^2 \cdot 101^2 \cdot 131^2$
8093: $P_{23}^6, B_3 = 327$
8094: $149622301^{10} \Rightarrow 419 \cdot 617 \cdot 202973 \cdot 573871 \cdot 5629097 \cdot P_{59}, B_1 = 334$
8095: $149622301^{12} \Rightarrow 53 \cdot 45330939551 \cdot P_{86}, B_1 = 383$
8096: $149622301^{16} \Rightarrow 103 \cdot 443 \cdot 647 \cdot n, B_1 = 357$
8097: $149622301^{18} \Rightarrow n, B_1 = 383; q^{22}, B_2 = 359$
8099: $73421^6 \Rightarrow 1339297 \cdot P_{24}, B_1 = 134$
8100: $P_{24}^2 \Rightarrow 3 \cdot 67 \cdot 53514928183 \cdot P_{34}, B_1 = 226$
8101: $P_{34}^2 \Rightarrow 19 \dots, D$
8102: $P_{34}^4 \Rightarrow 11 \dots, D$
8103: $P_{34}^6, B_2 = 397$
8104: $P_{24}^4 \Rightarrow 5 \cdot 271 \cdot 1031 \cdot c_{87}, B_1 = 278$
8105: $1031^2 \Rightarrow 7 \dots, D$
8106: $1031^4 \Rightarrow 5 \cdot 31 \cdot 7296664931, B_1 = 304$
8107: $1031^6 \Rightarrow 29^2 \cdot 71 \cdot n, B_1 = 310; q^{10}, B_3 = 303$
8109: $P_{24}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 461$
8111: $73421^{10} \Rightarrow 331 \cdot 1423812141489779666087 \cdot P_{25}, B_1 = 187$
8112: $P_{25}^2 \Rightarrow 7 \dots, D$
8113: $P_{25}^4 \Rightarrow n, B_1 = 337$
8114: $P_{25}^6 \Rightarrow 379 \cdot n, B_1 = 440; q^{10}, B_2 = 499$
8116: $73421^{12} \Rightarrow 53 \cdot 1847 \cdot 4967 \cdot 773206717141 \cdot 348243701878307 \cdot P_{24}, B_1 = 221$
8117: $P_{24}^2 \Rightarrow 7 \dots, D$
8118: $P_{24}^4 \Rightarrow 251 \cdot n, B_1 = 363; q^6, B_3 = 315$
8120: $73421^{16} \Rightarrow 702407 \cdot 6799049 \cdot 348866274471845903 \cdot p_{48}, B_1 = 280$
8121: $p_{48}^2 \Rightarrow 31 \cdot 73 \cdot 643 \cdot n, B_1 = 378; q^4, B_2 = 381$
8123: $73421^{18} \Rightarrow 215689 \cdot 168746183 \cdot 395373630860263240999547 \cdot P_{51}, B_1 = 309$
8124: $73421^{22} \Rightarrow 47 \cdot 277 \cdot 3037 \cdot 329729 \cdot 414686922877 \cdot c_{83}, B_1 = 285$
8125: $414686922877^2 \Rightarrow 3 \cdot 31 \cdot n, B_1 = 307; q^4, B_3 = 308$
8127: $73421^{28} \Rightarrow 59 \cdot n, B_1 = 321$
8128: $73421^{30} \Rightarrow n, B_1 = 338; q^{36}, B_2 = 350$
8130: $604842197^2 \Rightarrow P_{18}, B_1 = 78$
8131: $P_{18}^2 \Rightarrow 19 \dots, D$
8132: $P_{18}^4 \Rightarrow 41 \cdot 3301960751 \cdot 3249071658631 \cdot 48032559288281 \cdot 503310484468801 \cdot p_{19}, B_1 = 241$
8133: $p_{19}^1 \Rightarrow p_{18}, B_1 = 277$
8134: $p_{18}^2 \Rightarrow 3 \cdot 13 \cdot n, B_1 = 314; q^4, B_3 = 313$
8136: $p_{19}^2 \Rightarrow 7 \dots, D$
8137: $p_{19}^4 \Rightarrow 5 \cdot 191 \cdot 331 \cdot n, B_1 = 355; q^6, B_3 = 318$
8139: $P_{18}^6 \Rightarrow 1115899247 \cdot 55394603759475339222739 \cdot c_{74}, B_1 = 285$
8140: $P_{23}^2 \Rightarrow 19 \dots, D; q^4, B_3 = 330$
8142: $P_{18}^{10}, B_2 = 351$
8143: $604842197^4 \Rightarrow 11 \dots, D$
8144: $604842197^6 \Rightarrow 7 \dots, D$
8145: $604842197^{10} \Rightarrow 331 \cdot 67148192519 \cdot 687849540621409 \cdot$
 $4412322155860741 \cdot 11939377797642593981 \cdot P_{25}, B_1 = 271$
8146: $P_{25}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 320$
8148: $604842197^{12} \Rightarrow 53 \cdot 313 \cdot 11597 \cdot 18752910712825511 \cdot c_{81}, B_1 = 260$
8149: $P_{17}^2 \Rightarrow 61 \cdot 181 \cdot 547 \cdot n, B_1 = 300$
8150: $P_{17}^4 \Rightarrow 5 \cdot 281 \cdot n, B_1 = 361; q^6, B_3 = 325$
8152: $604842197^{16} \Rightarrow n, B_1 = 306; q^{18}, B_2 = 316$
8154: $331^{10} \Rightarrow 11 \dots, D$

8155: $331^{12} \Rightarrow 53 \cdot 37181 \cdot 10999171 \cdot P_{17}, B_1 = 90$
8156: $P_{17}^2 \Rightarrow 7 \dots, D$
8157: $P_{17}^4 \Rightarrow 11 \dots, D$
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: $P_{17}^4 \Rightarrow 11 \dots, D$
8170: $P_{17}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 336$
8172: $331^{18} \Rightarrow 282349518620419 \cdot P_{31}, B_1 = 140$
8173: $P_{31}^2 \Rightarrow 3 \cdot 13 \cdot 70423 \cdot 494198321337446680831 \cdot P_{35}, B_1 = 261$
8174: $P_{35}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 330$
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: $p_{31}^1 \Rightarrow 3^2 \cdot 5^2 \cdot 17 \dots, S \ 3^4 \cdot 5^2 \cdot 17^2 \cdot 31^2$
8180: $p_{31}^2 \Rightarrow 7 \dots, D$
8181: $p_{31}^4 \Rightarrow 11 \dots, D; q^6, B_2 = 367$
8183: $331^{28} \Rightarrow 59 \cdot 11026777081201395442849 \cdot P_{47}, B_1 = 193$
8184: $P_{47}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 373$
8186: $331^{30} \Rightarrow 311 \cdot 1117 \cdot 4902713 \cdot 29458195409 \cdot 2236471251785237 \cdot P_{38}, B_1 = 215$
8187: $P_{38}^2 \Rightarrow 19 \dots, D; q^4, B_2 = 300$
8189: $331^{36} \Rightarrow 149 \cdot 9536381 \cdot 299330642802956117 \cdot 8493994839939752559920519971 \cdot P_{37}, B_1 = 258$
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: $151^2 \Rightarrow 7 \dots, D$
8199: $151^4 \Rightarrow 5 \cdot 104670301, B_1 = 256$
8200: $104670301^1 \Rightarrow 11 \dots, D$
8201: $104670301^2 \Rightarrow 3 \cdot 1549 \cdot p_{13}, B_1 = 284$
8202: $p_{13}^1 \Rightarrow 5^2 \dots, S \ 3^4 \cdot 5^4 \cdot 31^2 \cdot 37^2 \cdot 97^2$
8203: $p_{13}^2 \Rightarrow 7 \dots, D$
8204: $p_{13}^4, B_3 = 318$
8205: $104670301^4 \Rightarrow 5 \cdot n, B_1 = 310$
8206: $104670301^6 \Rightarrow 7 \dots, D$
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: $P_{14}^2 \Rightarrow 19 \dots, D; q^4, B_3 = 323$
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: $35617^2 \Rightarrow 19 \dots, D$
8229: $35617^4 \Rightarrow n, B_1 = 309; q^6, B_3 = 300$
8231: $2143^4 \Rightarrow 11 \dots, D$
8232: $2143^6 \Rightarrow 7 \dots, D$
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: $9923^2 \Rightarrow 7 \dots, D; q^4, B_3 = 302$
8239: $109291921^2 \Rightarrow 19 \dots, D$
8240: $109291921^4 \Rightarrow 5 \cdot n, B_1 = 330; q^6, B_3 = 313$
8242: $672901^4 \Rightarrow 11 \dots, D$
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: $p_{16}^1 \Rightarrow 19 \dots, D$
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: $p_{14}^4 \Rightarrow 11 \dots, D$
8261: $p_{14}^6, B_3 = 326$
8262: $p_{15}^2 \Rightarrow 19 \dots, D$
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: $485417^2 \Rightarrow 7 \dots, D$
8294: $485417^4 \Rightarrow 11 \dots, D$

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: $31^4 \Rightarrow 11 \dots, D$
8303: $31^6 \Rightarrow 917087137, B_1 = 17$
8304: $917087137^1 \Rightarrow 11 \dots, D$
8305: $917087137^2 \Rightarrow 3 \cdot 43 \cdot 4447 \cdot 38047 \cdot 38533987, B_1 = 62$
8306: $38533987^2 \Rightarrow 19 \dots, D$
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: $2561074343^2 \Rightarrow 7 \dots, D$
8310: $2561074343^4 \Rightarrow 11 \dots, D$
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: $P_{13}^4 \Rightarrow 11 \dots, D$
8323: $P_{13}^6 \Rightarrow 911 \cdot n, B_1 = 336; q^{10}, B_3 = 309$
8325: $p_{20}^4 \Rightarrow 11 \dots, D$
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: $P_{22}^2 \Rightarrow 7 \dots, D$
8331: $P_{22}^4 \Rightarrow 11 \dots, D$
8332: $P_{22}^6 \Rightarrow n, B_1 = 420; q^{10}, B_2 = 422$
8334: $p_{27}^2 \Rightarrow 19 \dots, D$
8335: $p_{27}^4 \Rightarrow 11 \dots, D; q^6, B_2 = 317$
8337: $38533987^{10} \Rightarrow 67 \cdot 947 \cdot 12739 \cdot P_{67}, B_1 = 275$
8338: $P_{67}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 535$
8340: $38533987^{12} \Rightarrow 2393 \cdot 4447 \cdot 184245101 \cdot 1226232590551122772936280093 \cdot P_{49}, B_1 = 286$
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: $P_{23}^2 \Rightarrow 19 \dots, D$
8348: $P_{23}^4 \Rightarrow 11 \dots, D$
8349: $P_{23}^6 \Rightarrow 281 \cdot n, B_1 = 339; q^{10}, B_2 = 446$
8351: $917087137^6 \Rightarrow 7 \dots, D$
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: $917087137^{12} \Rightarrow 53 \cdot 89909 \cdot 293208239111321 \cdot$
 $366156952524767 \cdot 96494164882671832751801 \cdot P_{49}, B_1 = 308$
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: $127473943^2 \Rightarrow 7 \dots, D$
8362: $127473943^4 \Rightarrow 11 \dots, D$

8363: $127473943^6 \Rightarrow 21728981 \cdot 74739449 \cdot 24535058270740753 \cdot p_{18}, B_1 = 190$
8364: $p_{18}^1 \Rightarrow 5^2 \cdot 6833 \cdot 315188780447, B_1 = 222$
8365: $315188780447^2 \Rightarrow 127 \dots, D$
8366: $315188780447^4 \Rightarrow p_{46}, B_1 = 337$
8367: $315188780447^6 \Rightarrow n, B_1 = 337; q^{10}, B_3 = 314$
8369: $p_{18}^2 \Rightarrow 127 \dots, D$
8370: $p_{18}^4 \Rightarrow 751 \cdot 5171 \cdot 94261 \cdot 2368181 \cdot 2580901 \cdot n, B_1 = 317$
8371: $p_{18}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 340$
8373: $127473943^{10} \Rightarrow 23 \cdot 859 \cdot 3527261 \cdot 29627968917227539 \cdot 401196690776534753 \cdot P_{37}, B_1 = 284$
8374: $P_{37}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 356$
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: $p_{20}^1 \Rightarrow 11 \dots, D$
8382: $p_{20}^2 \Rightarrow 7 \dots, D$
8383: $p_{20}^4 \Rightarrow 5 \cdot 811 \cdot 123160993421626000234075497792271 \cdot p_{44}, B_1 = 281$
8384: $p_{44}^1 \Rightarrow 3 \cdot 13 \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 23^2$
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: $P_{21}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 411$
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: $p_{32}^4 \Rightarrow 11 \dots, D; q^6, B_2 = 375$
8401: $150332843^{10} \Rightarrow 11 \dots, D$
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: $150332843^{16} \Rightarrow 5441 \cdot 176785830700151128374343 \cdot n, B_1 = 313$
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: $33331^2 \Rightarrow 7 \dots, D$
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: $68148966883^2 \Rightarrow 7 \dots, D$
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: $68148966883^{10} \Rightarrow 23 \dots, S \ 3^2 \cdot 5^2 \cdot 23^2 \cdot 31^{12} \cdot 43^2 \cdot 73^2$
8420: $68148966883^{12} \Rightarrow 53 \cdot n, B_1 = 418; q^{16}, B_2 = 346$
8422: $p_{18}^2 \Rightarrow 3 \cdot 13 \dots, S \ 3^2 \cdot 5 \cdot 13^2 \cdot 31^{12} \cdot 43^2 \cdot 73^2$
8423: $p_{18}^4 \Rightarrow 191 \cdot 68263104131 \cdot 45434383665049045587631 \cdot P_{35}, B_1 = 331$
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: $P_{21}^2 \Rightarrow 13 \cdot 37 \dots, S \ 3^2 \cdot 5^2 \cdot 13 \cdot 31^{12} \cdot 37^2$
8428: $P_{21}^4 \Rightarrow 11 \dots, D$
8429: $P_{21}^6 \Rightarrow 7 \dots, D$
8430: $P_{21}^{10}, B_2 = 400$

8431: $633530171^6 \Rightarrow 7 \dots, D$
8432: $633530171^{10} \Rightarrow 199 \cdot 661 \cdot 582011 \cdot 644029 \cdot p_{72}, B_1 = 301$
8433: $633530171^{12} \Rightarrow 13 \cdot 53 \dots, S \ 3^2 \cdot 5 \cdot 13^2 \cdot 31^{12} \cdot 43^2 \cdot 53^2$
8434: $633530171^{16} \Rightarrow n, B_1 = 384; q^{18}, B_2 = 316$
8436: $33331^6 \Rightarrow 71 \cdot 113 \cdot 39887 \cdot 473971 \cdot P_{13}, B_1 = 147$
8437: $P_{13}^2 \Rightarrow 130957 \cdot p_{21}, B_1 = 184$
8438: $p_{21}^1 \Rightarrow 26007763 \cdot p_{14}, B_1 = 225$
8439: $p_{14}^2 \Rightarrow 3 \cdot 1865089858393 \cdot p_{14}, B_1 = 277$
8440: $p_{14}^2 \Rightarrow 7 \dots, D$
8441: $p_{14}^4, B_3 = 303$
8442: $p_{14}^4 \Rightarrow n, B_1 = 304$
8443: $p_{14}^6 \Rightarrow n, B_1 = 356; q^{10}, B_3 = 330$
8445: $p_{21}^2 \Rightarrow 3 \cdot 2057571615091 \cdot P_{29}, B_1 = 281$
8446: $P_{29}^2 \Rightarrow 3 \cdot 13 \cdot 37 \cdot 787 \cdot n, B_1 = 344; q^4, B_3 = 338$
8448: $p_{21}^4 \Rightarrow 5 \cdot 911 \cdot n, B_1 = 327$
8449: $p_{21}^6 \Rightarrow n, B_1 = 407; q^{10}, B_2 = 415$
8451: $P_{13}^4 \Rightarrow 71 \cdot 211 \cdot 47791 \cdot 4935011 \cdot 95654805901 \cdot p_{26}, B_1 = 254$
8452: $p_{26}^1 \Rightarrow P_{25}, B_1 = 304$
8453: $p_{26}^2 \Rightarrow 3 \cdot n, B_1 = 318; q^4, B_3 = 319$
8455: $P_{13}^6 \Rightarrow 7 \dots, D$
8456: $P_{13}^{10} \Rightarrow 23 \cdot 331 \cdot n, B_1 = 384; q^{12}, B_2 = 310$
8458: $33331^{10} \Rightarrow 11 \dots, D$
8459: $33331^{12} \Rightarrow 53 \cdot 1223 \cdot 9439 \cdot 82031 \cdot 737666719687 \cdot p_{29}, B_1 = 206$
8460: $p_{29}^1 \Rightarrow 11 \dots, D$
8461: $p_{29}^2 \Rightarrow 69931 \cdot 146019402697269858948319369 \cdot p_{27}, B_1 = 323$
8462: $p_{29}^4 \Rightarrow n, B_1 = 400; q^6, B_2 = 344$
8464: $33331^{16} \Rightarrow 1511102010181 \cdot 145024086322725109021 \cdot p_{41}, B_1 = 249$
8465: $p_{41}^1 \Rightarrow 3 \cdot 79 \cdot 179 \cdot 947 \cdot 41011 \cdot P_{28}, B_1 = 327$
8466: $p_{41}^2 \Rightarrow n, B_1 = 349; q^4, B_3 = 349$
8468: $33331^{18} \Rightarrow 164091596353 \cdot 2452319687903 \cdot 16060787685781357527563 \cdot p_{36}, B_1 = 280$
8469: $p_{36}^1 \Rightarrow n, B_1 = 316; q^2, B_3 = 305$
8471: $33331^{22} \Rightarrow 47 \cdot 4877 \cdot 8971 \cdot 1283539 \cdot 63258604853 \cdot 443955536399 \cdot 4237485452437 \cdot n, B_1 = 309$
8472: $33331^{28} \Rightarrow n, B_1 = 319$
8473: $33331^{30} \Rightarrow n, B_1 = 337; q^{36}, B_2 = 325$
8475: $7908811^4 \Rightarrow 11 \dots, D$
8476: $7908811^6 \Rightarrow 7 \dots, D$
8477: $7908811^{10} \Rightarrow 23 \cdot 67 \cdot 89 \cdot 1277 \cdot 42441037 \cdot 1391902787045431 \cdot P_{38}, B_1 = 239$
8478: $P_{38}^2 \Rightarrow 3 \cdot n, B_1 = 315; q^4, B_3 = 315$
8480: $7908811^{12} \Rightarrow 13 \cdot 157 \cdot 189853 \cdot 193483057 \cdot p_{66}, B_1 = 222$
8481: $p_{66}^1 \Rightarrow 7 \dots, D$
8482: $p_{66}^2 \Rightarrow 3 \cdot 139 \cdot 337 \cdot n, B_1 = 416; q^4, B_2 = 527$
8484: $7908811^{16} \Rightarrow 3061 \cdot 42467 \cdot 1361562476964719833627 \cdot p_{82}, B_1 = 289$
8485: $p_{82}^1 \Rightarrow 11 \dots, D; q^2, B_3 = 364$
8487: $7908811^{18} \Rightarrow 60523285667727718939 \cdot n, B_1 = 301; q^{22}, B_2 = 303$
8489: $31^{16} \Rightarrow p_{24}, B_1 = 47$
8490: $p_{24}^1 \Rightarrow 11 \dots, D$
8491: $p_{24}^2 \Rightarrow 19 \dots, D$
8492: $p_{24}^4 \Rightarrow 251 \cdot 1871 \cdot 26561 \cdot 66431 \cdot P_{81}, B_1 = 305$
8493: $p_{24}^6 \Rightarrow 29 \cdot 113 \cdot n, B_1 = 311; q^{10}, B_2 = 477$
8495: $31^{18} \Rightarrow 571 \cdot 14251 \cdot p_{20}, B_1 = 60$
8496: $p_{20}^1 \Rightarrow 11 \dots, D$
8497: $p_{20}^2 \Rightarrow 3 \cdot 9285003751 \cdot P_{30}, B_1 = 160$
8498: $P_{30}^2 \Rightarrow 7 \dots, D$
8499: $P_{30}^4 \Rightarrow 11 \dots, D; q^6, B_2 = 353$

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: $6915876949^2 \Rightarrow 7 \dots, D$
8511: $6915876949^4 \Rightarrow 11 \dots, D$
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: $p_{16}^2 \Rightarrow 7 \dots, D$
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: $297903607^6 \Rightarrow 7 \dots, D$
8522: $297903607^{10} \Rightarrow 11 \dots, D$
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: $p_{33}^1 \Rightarrow 11 \dots, D$
8528: $p_{33}^2 \Rightarrow 3 \cdot 97 \cdot 199 \cdot 560687269633 \cdot 31109129933785261 \cdot P_{32}, B_1 = 284$
8529: $P_{32}^2 \Rightarrow 7 \dots, D$
8530: $P_{32}^4, B_3 = 347$
8531: $p_{33}^4 \Rightarrow 31 \cdot n, B_1 = 357; q^6, B_2 = 385$
8533: $p_{19}^4 \Rightarrow 11 \dots, D$
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: $p_{17}^2 \Rightarrow 19 \dots, D$
8540: $p_{17}^4 \Rightarrow 105480409142683362428330771 \cdot P_{42}, B_1 = 339$
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: $p_{18}^2 \Rightarrow 7 \dots, D$
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: $304410611^6 \Rightarrow 7 \dots, D$
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: $p_{19}^1 \Rightarrow 5^2 \dots, S \quad 3^2 \cdot 5^2 \cdot 13^2 \cdot 31^{28}$
8556: $p_{19}^2 \Rightarrow 3 \cdot 409 \cdot 4896290798857 \cdot p_{22}, B_1 = 272$
8557: $p_{22}^1 \Rightarrow 5 \dots, S \quad 3^4 \cdot 5^2 \cdot 13^2$
8558: $p_{22}^2 \Rightarrow 7 \dots, D$
8559: $p_{22}^4, B_3 = 325$
8560: $p_{19}^4 \Rightarrow 11 \dots, D$
8561: $p_{19}^6 \Rightarrow n, B_1 = 396; q^{10}, B_2 = 374$
8563: $P_{13}^4 \Rightarrow 11 \dots, D$
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: $189343400041^4 \Rightarrow 11 \dots, D$
8568: $189343400041^6 \Rightarrow 71 \cdot 3321954973 \cdot 86346199320053 \cdot 1917827707604031427 \cdot P_{25}, B_1 = 291$
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: $p_{40}^2 \Rightarrow 19 \dots, D; q^4, B_2 = 316$
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: $p_{14}^1 \Rightarrow 7 \dots, D$
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: $P_{22}^2 \Rightarrow 7 \dots, D$
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: $p_{20}^1 \Rightarrow 11 \dots, D; q^2, B_3 = 301$
8593: $p_{26}^4 \Rightarrow 11 \dots, D$
8594: $p_{26}^6, B_3 = 305$
8595: $p_{14}^4 \Rightarrow 11 \dots, D$
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: $31^{40} \Rightarrow 83 \cdot 42481797154433176612759 \cdot p_{36}, B_1 = 143$
8600: $p_{36}^1 \Rightarrow 245671 \cdot p_{30}, B_1 = 213$
8601: $p_{30}^2 \Rightarrow 7 \dots, D$
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: $p_{52}^1 \Rightarrow 7 \dots, D$
8611: $p_{52}^2 \Rightarrow 3 \cdot 331 \cdot 43399 \cdot 3852547 \cdot P_{89}, B_1 = 382; q^4, B_2 = 411$
8613: $31^{46} \Rightarrow 3128573142495569 \cdot 170942984502845969696543 \cdot P_{30}, B_1 = 190$
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: $31^{52} \Rightarrow 218149 \cdot 2210276655188599 \cdot 1593405992841712852324481273 \cdot P_{30}, B_1 = 205$
8618: $P_{30}^2 \Rightarrow 19 \dots, D$
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: $31^{58} \Rightarrow 125693727758648407613 \cdot p_{67}, B_1 = 193$
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: $31^{60} \Rightarrow 14519 \cdot 50848444051 \cdot 12712081567468100953 \cdot 13578586277937589671409 \cdot p_{34}, B_1 = 235$
8626: $p_{34}^1 \Rightarrow 11 \dots, D$
8627: $p_{34}^2 \Rightarrow 19 \dots, D; q^4, B_3 = 313$
8629: $31^{66} \Rightarrow 882659 \cdot 447772934301264047325373 \cdot 1334574386438395108609084044317 \cdot P_{39}, B_1 = 265$
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: $p_{18}^1 \Rightarrow 7 \dots, D$
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: $p_{19}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 321$

- 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: $31^{88} \Rightarrow 179 \cdot 1476511 \cdot 194382021317865834077 \cdot 1895009826287880923167 \cdot P_{82}, B_1 = 373$
8650: $31^{96} \Rightarrow 4657 \cdot 14551 \cdot 51217 \cdot 116283302684682499 \cdot n, B_1 = 311$
8651: $31^{100} \Rightarrow 4243 \cdot 73529 \cdot 518115053 \cdot n, B_1 = 306; q^{102}, B_2 = 304$

8653: $13^1 \Rightarrow 7, D$
8654: $13^2 \Rightarrow 3 \cdot 61, B_1 = 4$
8655: $61^1 \Rightarrow 31, D$
8656: $61^2 \Rightarrow 3 \cdot 13 \cdot 97, B_1 = 8$
8657: $97^1 \Rightarrow 7 \dots, D$
8658: $97^2 \Rightarrow 3 \cdot 3169, B_1 = 15$
8659: $3169^1 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 13^2$
8660: $3169^2 \Rightarrow 3 \cdot 3348577, B_1 = 25$
8661: $3348577^1 \Rightarrow 1674289, B_1 = 37$
8662: $1674289^2 \Rightarrow 3 \cdot 934415109937, B_1 = 62$
8663: $934415109937^2 \Rightarrow 127 \dots, D$
8664: $934415109937^4 \Rightarrow 17200201 \cdot p_{41}, B_1 = 182$
8665: $p_{41}^2 \Rightarrow 19 \dots, D; q^4, B_2 = 325$
8667: $934415109937^6 \Rightarrow 7 \dots, D$
8668: $934415109937^{10} \Rightarrow 11 \dots, D$
8669: $934415109937^{12} \Rightarrow n, B_1 = 325; q^{16}, B_2 = 383$
8671: $1674289^4 \Rightarrow p_{25}, B_1 = 99$
8672: $p_{25}^2 \Rightarrow 270241 \cdot 837937 \cdot 3345409 \cdot 984243979 \cdot p_{23}, B_1 = 199$
8673: $p_{23}^2 \Rightarrow 3 \cdot 21121 \cdot 10796382665503 \cdot P_{29}, B_1 = 291$
8674: $P_{29}^2 \Rightarrow 7 \dots, D$
8675: $P_{29}^4, B_3 = 347$
8676: $p_{23}^4 \Rightarrow 11 \dots, D$
8677: $p_{23}^6 \Rightarrow 29 \cdot n, B_1 = 430; q^{10}, B_2 = 458$
8679: $p_{25}^4 \Rightarrow 11 \dots, D$
8680: $p_{25}^6 \Rightarrow 43 \cdot n, B_1 = 350; q^{10}, B_2 = 497$
8682: $1674289^6 \Rightarrow 7 \dots, D$
8683: $1674289^{10} \Rightarrow 11 \dots, D$
8684: $1674289^{12} \Rightarrow 23315657 \cdot 921478426517231660980150883517559 \cdot P_{35}, B_1 = 249$
8685: $P_{35}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 317$
8687: $1674289^{16} \Rightarrow 4229873 \cdot 3956451899480991413 \cdot p_{75}, B_1 = 323$
8688: $1674289^{18} \Rightarrow 4219 \cdot 9311 \cdot 92189 \cdot 4031434050653 \cdot c_{87}, B_1 = 274$
8689: $p_{13}^2 \Rightarrow 7 \dots, D$
8690: $p_{13}^4 \Rightarrow 11 \dots, D; q^6, B_3 = 324$
8692: $1674289^{22} \Rightarrow 47 \cdot 139 \cdot n, B_1 = 302; q^{28}, B_2 = 348$
8694: $3348577^2 \Rightarrow 3 \cdot p_{13}, B_1 = 45$
8695: $p_{13}^1 \Rightarrow 5 \dots, S \ 3^6 \cdot 5^2 \cdot 13^2$
8696: $p_{13}^2 \Rightarrow 3 \cdot 181 \cdot 26042690887 \cdot 987900542491, B_1 = 104$
8697: $987900542491^2 \Rightarrow 7 \dots, D$
8698: $987900542491^4 \Rightarrow 11 \dots, D$
8699: $987900542491^6 \Rightarrow 127 \dots, D$
8700: $987900542491^{10} \Rightarrow n, B_1 = 320$
8701: $987900542491^{12} \Rightarrow 53 \cdot n, B_1 = 370; q^{16}, B_2 = 383$
8703: $p_{13}^4 \Rightarrow p_{51}, B_1 = 133$
8704: $p_{51}^1 \Rightarrow 3 \cdot 317 \cdot 1086919 \cdot 15122366047 \cdot 12817877199473 \cdot p_{18}, B_1 = 232$
8705: $p_{18}^2 \Rightarrow 7 \dots, D$
8706: $p_{18}^4 \Rightarrow 821 \cdot n, B_1 = 341; q^6, B_3 = 303$
8708: $p_{51}^2 \Rightarrow 43 \cdot 97 \cdot 4086367 \cdot 28086319 \cdot 29182771 \cdot 34112773 \cdot P_{68}, B_1 = 373; q^4, B_2 = 402$
8710: $p_{13}^6 \Rightarrow 7 \dots, D$
8711: $p_{13}^{10} \Rightarrow 11 \dots, D; q^{12}, B_2 = 301$
8713: $3348577^4 \Rightarrow 86524531 \cdot P_{19}, B_1 = 95$
8714: $P_{19}^2 \Rightarrow 199 \cdot 182701 \cdot 3478781116501 \cdot P_{17}, B_1 = 157$
8715: $P_{17}^2 \Rightarrow 3 \cdot 103 \cdot 673 \cdot 135817748467 \cdot P_{16}, B_1 = 221$
8716: $P_{16}^2 \Rightarrow 3 \cdot 126013 \cdot 238939 \cdot 1039657 \cdot p_{16}, B_1 = 282$
8717: $p_{16}^1 \Rightarrow 5 \dots, S \ 3^6 \cdot 5^2 \cdot 13^2$

8718: $p_{16}^2 \Rightarrow 127 \dots, D; q^4, B_3 = 315$
8720: $P_{16}^4 \Rightarrow 11 \dots, D$
8721: $P_{16}^6 \Rightarrow 29 \cdot n, B_1 = 383; q^{10}, B_3 = 349$
8723: $P_{17}^4 \Rightarrow 4051 \cdot 8111 \cdot 5076551 \cdot 1092087791 \cdot 1192972010177251 \cdot P_{27}, B_1 = 319$
8724: $P_{17}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 324$
8726: $P_{19}^4 \Rightarrow 31 \dots, D$
8727: $P_{19}^6 \Rightarrow 29 \cdot 47183809 \cdot 28584035037615149 \cdot p_{84}, B_1 = 304; q^{10}, B_2 = 363$
8729: $3348577^6 \Rightarrow 7 \dots, D$
8730: $3348577^{10} \Rightarrow 11 \dots, D$
8731: $3348577^{12} \Rightarrow 313 \cdot 443 \cdot 937 \cdot 58740839 \cdot 2215486363039 \cdot 3540501497282179 \cdot p_{35}, B_1 = 219$
8732: $p_{35}^1 \Rightarrow 22721 \cdot 2042021 \cdot P_{24}, B_1 = 287$
8733: $P_{24}^2 \Rightarrow 19 \dots, D$
8734: $P_{24}^4, B_3 = 334$
8735: $p_{35}^2 \Rightarrow 7 \dots, D$
8736: $p_{35}^4, B_3 = 319$
8737: $3348577^{16} \Rightarrow 239 \cdot 24369553177 \cdot 76497600859 \cdot 3288879759133313860651 \cdot P_{60}, B_1 = 321$
8738: $3348577^{18} \Rightarrow 16155564534877946613863287 \cdot p_{93}, B_1 = 278$
8739: $p_{93}^1 \Rightarrow n, B_1 = 370; q^2, B_3 = 369$
8741: $3348577^{22} \Rightarrow 277 \cdot n, B_1 = 305; q^{28}, B_2 = 365$
8743: $3169^4 \Rightarrow 61 \cdot p_{13}, B_1 = 37$
8744: $p_{13}^1 \Rightarrow 19 \dots, D$
8745: $p_{13}^2 \Rightarrow 78049 \cdot 1577431459 \cdot 22216443433, B_1 = 88$
8746: $22216443433^1 \Rightarrow 41 \cdot 53 \cdot 71 \cdot 71999, B_1 = 108$
8747: $71999^2 \Rightarrow 7 \dots, D$
8748: $71999^4 \Rightarrow 11 \dots, D$
8749: $71999^6 \Rightarrow 14939 \cdot 1302194107229 \cdot P_{13}, B_1 = 186$
8750: $P_{13}^2 \Rightarrow 3 \cdot 37 \cdot 523 \cdot p_{21}, B_1 = 236$
8751: $p_{21}^2 \Rightarrow 31 \dots, D$
8752: $p_{21}^4 \Rightarrow 11 \dots, D$
8753: $p_{21}^6, B_3 = 320$
8754: $P_{13}^4 \Rightarrow 11 \dots, D$
8755: $P_{13}^6 \Rightarrow 7 \dots, D$
8756: $P_{13}^{10} \Rightarrow 67 \cdot n, B_1 = 419; q^{12}, B_3 = 315$
8758: $71999^{10} \Rightarrow 23 \cdot 12592999 \cdot 34739431 \cdot P_{33}, B_1 = 244$
8759: $P_{33}^2 \Rightarrow n, B_1 = 309; q^4, B_3 = 309$
8761: $71999^{12} \Rightarrow 131 \cdot 157 \cdot 521 \cdot 911 \cdot 5981 \cdot p_{45}, B_1 = 273$
8762: $p_{45}^2 \Rightarrow 7 \dots, D$
8763: $p_{45}^4, B_3 = 362$
8764: $71999^{16} \Rightarrow 137 \cdot 100403 \cdot 1765082634379364629091595739 \cdot p_{44}, B_1 = 332$
8765: $71999^{18} \Rightarrow 6133961 \cdot 49027411 \cdot 869519611 \cdot 24798255689 \cdot n, B_1 = 307$
8766: $71999^{22} \Rightarrow 47 \cdot 277 \cdot n, B_1 = 316$
8767: $71999^{28} \Rightarrow 59 \cdot 233 \cdot n, B_1 = 375$
8768: $71999^{30} \Rightarrow n, B_1 = 390; q^{36}, B_2 = 349$
8770: $22216443433^2 \Rightarrow 7 \dots, D$
8771: $22216443433^4 \Rightarrow 1199813191 \cdot P_{33}, B_1 = 197$
8772: $P_{33}^2 \Rightarrow 241 \cdot 283 \cdot 463 \cdot 25657 \cdot 132631 \cdot P_{48}, B_1 = 326$
8773: $P_{33}^4 \Rightarrow 5 \cdot 61 \cdot n, B_1 = 393; q^6, B_2 = 387$
8775: $22216443433^6 \Rightarrow 743 \cdot p_{60}, B_1 = 205$
8776: $p_{60}^1 \Rightarrow 19 \dots, D$
8777: $p_{60}^2 \Rightarrow 31 \dots, D; q^4, B_2 = 473$
8779: $22216443433^{10} \Rightarrow 23 \cdot 67 \cdot 1607 \cdot 3169 \cdot 87253 \cdot 3124903 \cdot c_{83}, B_1 = 294$
8780: $3124903^2 \Rightarrow 19 \dots, D; q^4, B_3 = 307$
8782: $22216443433^{12} \Rightarrow n, B_1 = 321; q^{16}, B_2 = 331$
8784: $p_{13}^4 \Rightarrow 5 \cdot 6474751 \cdot P_{42}, B_1 = 170$

8785: $P_{42}^2 \Rightarrow 7 \dots, D$
8786: $P_{42}^4, B_2 = 330$
8787: $p_{13}^6 \Rightarrow 17177707 \cdot 22173341 \cdot 1986459091 \cdot 12533290309 \cdot 2928547481506417 \cdot P_{24}, B_1 = 230$
8788: $P_{24}^2 \Rightarrow 43 \cdot 209117839979303977 \cdot P_{29}, B_1 = 323$
8789: $P_{24}^4 \Rightarrow n, B_1 = 373; q^6, B_3 = 325$
8791: $p_{13}^{10} \Rightarrow 67 \cdot 353 \cdot 107787831922278736427 \cdot c_{98}, B_1 = 291$
8792: $P_{21}^2 \Rightarrow n, B_1 = 331; q^4, B_3 = 331$
8794: $p_{13}^{12} \Rightarrow 13 \cdot 53 \cdot 131 \cdot n, B_1 = 319; q^{16}, B_2 = 390$
8796: $3169^6 \Rightarrow 71 \cdot 491 \cdot 8429 \cdot P_{13}, B_1 = 70$
8797: $P_{13}^2 \Rightarrow 2362573 \cdot p_{19}, B_1 = 106$
8798: $p_{19}^1 \Rightarrow 211 \cdot 1103 \cdot P_{14}, B_1 = 142$
8799: $P_{14}^2 \Rightarrow 7 \dots, D$
8800: $P_{14}^4 \Rightarrow 31 \dots, D$
8801: $P_{14}^6 \Rightarrow 71 \cdot 113 \cdot 712782407 \cdot 4106087021 \cdot 1344698476591 \cdot n, B_1 = 304$
8802: $P_{14}^{10} \Rightarrow 23 \cdot 89 \cdot n, B_1 = 380; q^{12}, B_2 = 312$
8804: $p_{19}^2 \Rightarrow 3 \cdot 2809087 \cdot 6149624869 \cdot P_{21}, B_1 = 188$
8805: $P_{21}^2 \Rightarrow 3 \cdot 77353879 \cdot 14275440592459 \cdot P_{20}, B_1 = 271$
8806: $P_{20}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 311$
8808: $P_{21}^4 \Rightarrow n, B_1 = 313$
8809: $P_{21}^6 \Rightarrow 71 \cdot n, B_1 = 393; q^{10}, B_2 = 413$
8811: $p_{19}^4 \Rightarrow 41 \cdot 59921 \cdot 2674213931 \cdot 3069857563921370042022795451 \cdot p_{32}, B_1 = 280$
8812: $p_{32}^1 \Rightarrow 11 \dots, D; q^2, B_3 = 305$
8814: $p_{19}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 374$
8816: $P_{13}^4 \Rightarrow 11 \dots, D$
8817: $P_{13}^6 \Rightarrow 7 \dots, D$
8818: $P_{13}^{10} \Rightarrow 13693571 \cdot 87345721 \cdot n, B_1 = 307; q^{12}, B_2 = 300$
8820: $3169^{10} \Rightarrow 11 \dots, D$
8821: $3169^{12} \Rightarrow 53 \cdot 13751549137 \cdot 51206126365213 \cdot p_{17}, B_1 = 121$
8822: $p_{17}^1 \Rightarrow 3 \cdot 181 \cdot p_{14}, B_1 = 152$
8823: $p_{14}^2 \Rightarrow 248887 \cdot p_{22}, B_1 = 206$
8824: $p_{22}^2 \Rightarrow 3 \cdot p_{43}, B_1 = 291$
8825: $p_{43}^2 \Rightarrow 3 \cdot n, B_1 = 376; q^4, B_3 = 376$
8827: $p_{22}^4 \Rightarrow 11 \dots, D$
8828: $p_{22}^6 \Rightarrow 43 \cdot n, B_1 = 421; q^{10}, B_2 = 428$
8830: $p_{14}^4 \Rightarrow 11 \dots, D$
8831: $p_{14}^6 \Rightarrow 29 \cdot P_{79}, B_1 = 367$
8832: $p_{14}^{10} \Rightarrow n, B_1 = 393; q^{12}, B_2 = 321$
8834: $p_{17}^2 \Rightarrow 7 \dots, D$
8835: $p_{17}^4 \Rightarrow 6691 \cdot 21521 \cdot 62141 \cdot 94201 \cdot 1125391 \cdot 217642422301 \cdot 1059847633601 \cdot p_{19}, B_1 = 283$
8836: $p_{19}^1 \Rightarrow 11 \dots, D$
8837: $p_{19}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 325$
8839: $p_{17}^6 \Rightarrow 12251 \cdot 28552914124561 \cdot n, B_1 = 305; q^{10}, B_2 = 328$
8841: $3169^{16} \Rightarrow 103 \cdot 5458633 \cdot P_{48}, B_1 = 172$
8842: $P_{48}^2 \Rightarrow 43 \cdot 985996607929 \cdot c_{81}, B_1 = 275$
8843: $985996607929^1 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 13^2$
8844: $985996607929^2 \Rightarrow 7 \dots, D; q^4, B_3 = 305$
8846: $P_{48}^4, B_2 = 378$
8847: $3169^{18} \Rightarrow 4447 \cdot 427951609310474819 \cdot P_{42}, B_1 = 199$
8848: $P_{42}^2 \Rightarrow 7138513 \cdot c_{77}, B_1 = 284$
8849: $7138513^1 \Rightarrow 3569257, B_1 = 297$
8850: $3569257^2 \Rightarrow 3 \cdot 13^2 \cdot 193 \cdot n, B_1 = 312; q^4, B_3 = 310$
8852: $7138513^2 \Rightarrow 7 \dots, D; q^4, B_3 = 303$
8854: $P_{42}^4, B_2 = 333$
8855: $3169^{22} \Rightarrow 79811 \cdot 2488141 \cdot 1196354477 \cdot 30660780937 \cdot 41039009360080559533 \cdot p_{27}, B_1 = 216$

8856: $p_{27}^1 \Rightarrow 19 \dots, D$
8857: $p_{27}^2 \Rightarrow 7 \dots, D$
8858: $p_{27}^4 \Rightarrow 181 \cdot 281 \cdot 601 \cdot n, B_1 = 389; q^6, B_3 = 329$
8860: $3169^{28} \Rightarrow 7094851 \cdot 11518706839357 \cdot 3390086897182649 \cdot P_{63}, B_1 = 290$
8861: $P_{63}^2 \Rightarrow 3 \cdot n, B_1 = 414; q^4, B_2 = 500$
8863: $3169^{30} \Rightarrow 1012111005349 \cdot 36463562124397397131 \cdot$
 $3068056708186838878759 \cdot 9240777944879008547567 \cdot p_{31}, B_1 = 296$
8864: $p_{31}^1 \Rightarrow 7 \dots, D$
8865: $p_{31}^2, B_3 = 314$
8866: $3169^{36} \Rightarrow c_{127}, B_{25} = 315$ *see text*
8867: $3169^{40} \Rightarrow 1601051 \cdot 12756413 \cdot 3891597329 \cdot n, B_1 = 305$
8868: $3169^{42} \Rightarrow n, B_1 = 304; q^{46}, B_2 = 322$
8870: $97^4 \Rightarrow 11 \dots, D$
8871: $97^6 \Rightarrow 43 \cdot 967 \cdot 20241187, B_1 = 41$
8872: $20241187^2 \Rightarrow 3 \cdot 72229 \cdot 1890771811, B_1 = 66$
8873: $1890771811^2 \Rightarrow 3 \cdot 2017 \cdot 6829 \cdot 152407 \cdot 567661, B_1 = 102$
8874: $152407^2 \Rightarrow 3 \cdot 7742682019, B_1 = 122$
8875: $7742682019^2 \Rightarrow 127 \dots, D$
8876: $7742682019^4 \Rightarrow 41 \cdot 68678651 \cdot P_{31}, B_1 = 221$
8877: $P_{31}^2 \Rightarrow 37 \cdot 32308354513 \cdot 131807445409 \cdot p_{38}, B_1 = 310$
8878: $P_{31}^4 \Rightarrow 11 \dots, D$
8879: $P_{31}^6, B_2 = 361$
8880: $7742682019^6 \Rightarrow 71 \cdot 1113617 \cdot P_{52}, B_1 = 280$
8881: $P_{52}^2 \Rightarrow 3 \cdot 13 \cdot n, B_1 = 382; q^4, B_2 = 411$
8883: $7742682019^{10} \Rightarrow 89 \cdot 353 \cdot n, B_1 = 305$
8884: $7742682019^{12} \Rightarrow 859 \cdot n, B_1 = 343; q^{16}, B_2 = 316$
8886: $152407^4 \Rightarrow 41 \cdot 267270691 \cdot 49236515971, B_1 = 153$
8887: $49236515971^2 \Rightarrow 3 \cdot 43 \cdot 8329 \cdot p_{16}, B_1 = 183$
8888: $p_{16}^1 \Rightarrow 220057 \cdot 5126569771, B_1 = 213$
8889: $5126569771^2 \Rightarrow 3 \cdot 31438357 \cdot 278658727003, B_1 = 251$
8890: $278658727003^2 \Rightarrow 3 \cdot 1472381413 \cdot P_{14}, B_1 = 297$
8891: $P_{14}^2 \Rightarrow 7 \dots, D$
8892: $P_{14}^4, B_3 = 324$
8893: $278658727003^4 \Rightarrow n, B_1 = 320$
8894: $278658727003^6 \Rightarrow 29 \cdot n, B_1 = 367; q^{10}, B_3 = 343$
8896: $5126569771^4 \Rightarrow 11 \dots, D$
8897: $5126569771^6 \Rightarrow 7 \dots, D$
8898: $5126569771^{10} \Rightarrow n, B_1 = 388; q^{12}, B_3 = 311$
8900: $p_{16}^2 \Rightarrow 7 \dots, D$
8901: $p_{16}^4 \Rightarrow 11 \dots, D$
8902: $p_{16}^6 \Rightarrow n, B_1 = 347; q^{10}, B_3 = 316$
8904: $49236515971^4 \Rightarrow 11 \dots, D$
8905: $49236515971^6 \Rightarrow 29 \cdot 6637 \cdot 14567641413739 \cdot P_{46}, B_1 = 325$
8906: $49236515971^{10} \Rightarrow 23 \cdot n, B_1 = 347$
8907: $49236515971^{12} \Rightarrow n, B_1 = 389; q^{16}, B_2 = 342$
8909: $152407^6 \Rightarrow 3515044995197 \cdot p_{19}, B_1 = 172$
8910: $p_{19}^1 \Rightarrow 31 \dots, D$
8911: $p_{19}^2 \Rightarrow 853 \cdot 3559 \cdot 927973 \cdot 1353753013 \cdot p_{16}, B_1 = 249$
8912: $p_{16}^1 \Rightarrow 29 \cdot 59 \cdot 3209 \cdot 303529829, B_1 = 279$
8913: $303529829^2 \Rightarrow 31 \dots, D$
8914: $303529829^4 \Rightarrow 11 \dots, D; q^6, B_3 = 313$
8916: $p_{16}^2 \Rightarrow 31 \dots, D$
8917: $p_{16}^4 \Rightarrow 11 \dots, D$
8918: $p_{16}^6, B_3 = 314$

8919: $p_{19}^4 \Rightarrow 11 \dots, D$
8920: $p_{19}^6 \Rightarrow 127 \dots, D; q^{10}, B_2 = 371$
8922: $152407^{10} \Rightarrow 23 \cdot 89 \cdot 34607 \cdot 10561409 \cdot 757905469663 \cdot 1991951243371 \cdot p_{13}, B_1 = 240$
8923: $p_{13}^1 \Rightarrow 7 \dots, D$
8924: $p_{13}^2 \Rightarrow 73 \cdot P_{24}, B_1 = 297$
8925: $P_{24}^2 \Rightarrow 3 \cdot 13 \cdot n, B_1 = 343; q^4, B_3 = 344$
8927: $p_{13}^4 \Rightarrow 61 \cdot n, B_1 = 320$
8928: $p_{13}^6 \Rightarrow n, B_1 = 373; q^{10}, B_3 = 348$
8930: $152407^{12} \Rightarrow 151009 \cdot 5332097993 \cdot 178165492266117799 \cdot P_{31}, B_1 = 274$
8931: $P_{31}^2 \Rightarrow 199 \cdot n, B_1 = 336; q^4, B_3 = 334$
8933: $152407^{16} \Rightarrow 85646890708346128669 \cdot$
 $137356566354267082517 \cdot 497102328408781619399 \cdot P_{23}, B_1 = 326$
8934: $152407^{18} \Rightarrow 191 \cdot 2508541843 \cdot 2767144311853 \cdot p_{70}, B_1 = 308$
8935: $152407^{22} \Rightarrow 139 \cdot n, B_1 = 321$
8936: $152407^{28} \Rightarrow n, B_1 = 382; q^{30}, B_2 = 310$
8938: $1890771811^4 \Rightarrow 11 \dots, D$
8939: $1890771811^6 \Rightarrow 127 \dots, D$
8940: $1890771811^{10} \Rightarrow 89 \cdot 331 \cdot P_{89}, B_1 = 326$
8941: $1890771811^{12} \Rightarrow 53 \cdot 4603 \cdot 1033007 \cdot p_{100}, B_1 = 287$
8942: $p_{100}^1 \Rightarrow 7 \dots, D$
8943: $p_{100}^2, B_2 = 399$
8944: $1890771811^{16} \Rightarrow n, B_1 = 345; q^{18}, B_2 = 333$
8946: $20241187^4 \Rightarrow 31 \dots, D$
8947: $20241187^6 \Rightarrow 7 \dots, D$
8948: $20241187^{10} \Rightarrow 44191479325025062507848929251 \cdot P_{45}, B_1 = 245$
8949: $P_{45}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 355$
8951: $20241187^{12} \Rightarrow 53 \cdot 313 \cdot 321647 \cdot 1396877 \cdot 1262856357253349 \cdot P_{57}, B_1 = 275$
8952: $P_{57}^2 \Rightarrow 3 \cdot 43 \cdot n, B_1 = 388; q^4, B_2 = 453$
8954: $20241187^{16} \Rightarrow 17 \cdot 137 \cdot 11896771 \cdot c_{107}, B_1 = 270$
8955: $11896771^2 \Rightarrow 31 \dots, D$
8956: $11896771^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5 \cdot 13^2 \cdot 17^2 \cdot 43^2$
8957: $11896771^6 \Rightarrow 43 \cdot 491 \cdot n, B_1 = 341; q^{10}, B_3 = 326$
8959: $20241187^{18} \Rightarrow 191 \cdot 419 \cdot 457 \cdot 79100676007 \cdot n, B_1 = 306; q^{22}, B_2 = 321$
8961: $97^{10} \Rightarrow 89 \cdot P_{18}, B_1 = 64$
8962: $P_{18}^2 \Rightarrow 3 \cdot P_{36}, B_1 = 136$
8963: $P_{36}^2 \Rightarrow 19 \dots, D$
8964: $P_{36}^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5 \cdot 13^2 \cdot 61^2 \cdot 89^2 \cdot 97^{10}$
8965: $P_{36}^6, B_2 = 424$
8966: $P_{18}^4 \Rightarrow 44531 \cdot P_{68}, B_1 = 243$
8967: $P_{68}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 536$
8969: $P_{18}^6 \Rightarrow 337 \cdot 338984002897 \cdot c_{94}, B_1 = 248$
8970: $338984002897^1 \Rightarrow 2063 \cdot 2879 \cdot 28537, B_1 = 270$
8971: $28537^2 \Rightarrow 3 \cdot 37 \cdot 139 \cdot 52783, B_1 = 288$
8972: $52783^2 \Rightarrow 3 \cdot 13 \cdot 613 \cdot 116539, B_1 = 304$
8973: $52783^4 \Rightarrow 11 \dots, D; q^6, B_3 = 307$
8975: $28537^4 \Rightarrow 11 \dots, D$
8976: $28537^6 \Rightarrow n, B_1 = 315; q^{10}, B_3 = 306$
8978: $338984002897^2 \Rightarrow 19 \dots, D$
8979: $338984002897^4 \Rightarrow n, B_1 = 326; q^6, B_3 = 303$
8981: $P_{18}^{10}, B_2 = 358$
8982: $97^{12} \Rightarrow 53 \cdot 79 \cdot 20359 \cdot p_{16}, B_1 = 62$
8983: $p_{16}^1 \Rightarrow 11 \dots, D$
8984: $p_{16}^2 \Rightarrow 43 \cdot 79^2 \cdot 4657 \cdot 1079059 \cdot P_{17}, B_1 = 134$
8985: $P_{17}^2 \Rightarrow 3 \cdot 37 \cdot 112501 \cdot 796057760833 \cdot P_{15}, B_1 = 193$

8986: $P_{15}^2 \Rightarrow 3 \cdot 120082834831 \cdot p_{18}, B_1 = 244$
8987: $p_{18}^1 \Rightarrow 19 \dots, D$
8988: $p_{18}^2 \Rightarrow 3 \cdot 37 \cdot 217555099 \cdot P_{25}, B_1 = 315$
8989: $p_{18}^4 \Rightarrow 31 \dots, D$
8990: $p_{18}^6, B_3 = 318$
8991: $P_{15}^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5 \cdot 13^2 \cdot 37^2 \cdot 43^2$
8992: $P_{15}^6 \Rightarrow 43 \cdot n, B_1 = 335; q^{10}, B_3 = 308$
8994: $P_{17}^4 \Rightarrow 1861 \cdot 276743821 \cdot p_{56}, B_1 = 250$
8995: $p_{56}^1 \Rightarrow 127 \dots, D$
8996: $p_{56}^2 \Rightarrow n, B_1 = 406; q^4, B_2 = 440$
8998: $P_{17}^6 \Rightarrow n, B_1 = 301; q^{10}, B_2 = 334$
9000: $p_{16}^4 \Rightarrow 191 \cdot 27561851 \cdot p_{54}, B_1 = 183$
9001: $p_{54}^1 \Rightarrow 204340729 \cdot 45962958203714034570937 \cdot p_{23}, B_1 = 290$
9002: $p_{23}^2 \Rightarrow 3 \cdot n, B_1 = 336; q^4, B_3 = 336$
9004: $p_{54}^2 \Rightarrow 3 \cdot 13 \cdot n, B_1 = 342; q^4, B_2 = 431$
9006: $p_{16}^6 \Rightarrow 113 \cdot 91771 \cdot 7316410571849 \cdot 227099725441118785176010433 \cdot p_{50}, B_1 = 283$
9007: $p_{50}^1 \Rightarrow 3 \cdot n, B_1 = 333; q^2, B_3 = 306$
9009: $p_{16}^{10}, B_2 = 318$
9010: $97^{16} \Rightarrow p_{32}, B_1 = 70$
9011: $p_{32}^1 \Rightarrow 11 \dots, D$
9012: $p_{32}^2 \Rightarrow 31 \dots, D$
9013: $p_{32}^4 \Rightarrow 5 \cdot 101 \cdot 325730580575591 \cdot n, B_1 = 308; q^6, B_2 = 381$
9015: $97^{18} \Rightarrow 21433 \cdot 280314943 \cdot p_{23}, B_1 = 91$
9016: $p_{23}^1 \Rightarrow 13^2 \cdot 29 \cdot 101 \cdot 151 \cdot 1109 \cdot 586297360433, B_1 = 134$
9017: $586297360433^2 \Rightarrow 2089 \cdot 12475678441 \cdot 13189649827, B_1 = 181$
9018: $13189649827^2 \Rightarrow 7 \dots, D$
9019: $13189649827^4 \Rightarrow 31 \dots, D$
9020: $13189649827^6 \Rightarrow 43 \cdot 66372257226728205287921 \cdot P_{37}, B_1 = 343$
9021: $13189649827^{10} \Rightarrow n, B_1 = 363$
9022: $13189649827^{12} \Rightarrow n, B_1 = 403; q^{16}, B_2 = 323$
9024: $586297360433^4 \Rightarrow 11 \dots, D$
9025: $586297360433^6 \Rightarrow 7 \dots, D$
9026: $586297360433^{10} \Rightarrow 67 \cdot 661 \cdot n, B_1 = 350$
9027: $586297360433^{12} \Rightarrow 53 \cdot 79 \cdot n, B_1 = 396; q^{16}, B_2 = 376$
9029: $p_{23}^2 \Rightarrow 3 \cdot 7239072467504749 \cdot p_{30}, B_1 = 176$
9030: $p_{30}^1 \Rightarrow 11 \dots, D$
9031: $p_{30}^2 \Rightarrow 7 \dots, D$
9032: $p_{30}^4 \Rightarrow 31 \dots, D; q^6, B_2 = 355$
9034: $p_{23}^4 \Rightarrow 11 \dots, D$
9035: $p_{23}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 459$
9037: $97^{22} \Rightarrow 47 \cdot 10021699 \cdot 160026187716961 \cdot P_{21}, B_1 = 123$
9038: $P_{21}^2 \Rightarrow 19 \dots, D$
9039: $P_{21}^4 \Rightarrow 761 \cdot 5235661 \cdot 3904933001 \cdot 5113032581 \cdot p_{55}, B_1 = 291$
9040: $p_{55}^1 \Rightarrow 7 \dots, D; q^2, B_3 = 332$
9042: $P_{21}^6 \Rightarrow 29 \cdot 71 \cdot n, B_1 = 335; q^{10}, B_2 = 416$
9044: $97^{28} \Rightarrow 243311 \cdot 105668621839502584913 \cdot P_{31}, B_1 = 153$
9045: $P_{31}^2 \Rightarrow 19 \dots, D$
9046: $P_{31}^4 \Rightarrow 631 \cdot n, B_1 = 337; q^6, B_2 = 362$
9048: $97^{30} \Rightarrow 894227 \cdot 5234599 \cdot P_{47}, B_1 = 184$
9049: $P_{47}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 375$
9051: $97^{36} \Rightarrow p_{72}, B_1 = 149$
9052: $p_{72}^1 \Rightarrow 11 \dots, D$
9053: $p_{72}^2 \Rightarrow 31 \dots, D; q^4, B_2 = 572$
9055: $97^{40} \Rightarrow 2707 \cdot 2789 \cdot 3402425968759 \cdot 160296036096842000351 \cdot P_{40}, B_1 = 241$

9056: $P_{40}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 321$
 9058: $97^{42} \Rightarrow 297873401717 \cdot P_{72}, B_1 = 245$
 9059: $P_{72}^2 \Rightarrow 19 \dots, D; q^4, B_2 = 575$
 9061: $97^{46} \Rightarrow 1129 \cdot 474925389347 \cdot 1842480814797353886839 \cdot P_{56}, B_1 = 277$
 9062: $P_{56}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 443$
 9064: $97^{52} \Rightarrow 1340216513 \cdot 2608744640283223309289 \cdot p_{73}, B_1 = 243$
 9065: $p_{73}^1 \Rightarrow 3 \cdot n, B_1 = 316$
 9066: $p_{73}^2 \Rightarrow 13 \cdot n, B_1 = 439; q^4, B_2 = 582$
 9068: $97^{58} \Rightarrow 103745502061 \cdot c_{105}, B_1 = 237$
 9069: $103745502061^1 \Rightarrow 1627 \cdot 3739 \cdot 8527, B_1 = 258$
 9070: $8527^2 \Rightarrow 3 \cdot 24239419, B_1 = 274$
 9071: $24239419^2 \Rightarrow 3 \cdot 13 \cdot 6733 \cdot 38197 \cdot 58579, B_1 = 300$
 9072: $24239419^4 \Rightarrow n, B_1 = 318; q^6, B_3 = 303$
 9074: $8527^4 \Rightarrow 31 \dots, D$
 9075: $8527^6 \Rightarrow 7 \dots, D$
 9076: $8527^{10} \Rightarrow n, B_1 = 329$
 9077: $8527^{12} \Rightarrow 53 \cdot n, B_1 = 346; q^{16}, B_3 = 313$
 9079: $103745502061^2 \Rightarrow 3 \cdot 73 \cdot 97 \cdot 13627 \cdot 120097 \cdot 309592399, B_1 = 283$
 9080: $309592399^2 \Rightarrow 7 \dots, D; q^4, B_3 = 300$
 9082: $103745502061^4 \Rightarrow 11 \dots, D$
 9083: $103745502061^6 \Rightarrow 127 \dots, D; q^{10}, B_3 = 335$
 9085: $97^{60} \Rightarrow 3411853 \cdot 2519182007579 \cdot c_{101}, B_1 = 257$
 9086: $P_{13}^2 \Rightarrow 13 \cdot 165884205919 \cdot P_{13}, B_1 = 304$
 9087: $P_{13}^4 \Rightarrow n, B_1 = 331; q^6, B_3 = 307$
 9089: $97^{66} \Rightarrow 63290077 \cdot 5624880205033 \cdot c_{111}, B_1 = 276$
 9090: $p_{13}^1 \Rightarrow 97 \cdot 28994227861, B_1 = 297$
 9091: $28994227861^2 \Rightarrow 7 \dots, D; q^4, B_3 = 318$
 9093: $p_{13}^2 \Rightarrow 3 \cdot 199 \cdot n, B_1 = 310; q^4, B_3 = 307$
 9095: $97^{70} \Rightarrow 846179 \cdot 1848983 \cdot 3155535458407 \cdot n, B_1 = 308$
 9096: $97^{72} \Rightarrow 28909 \cdot 65701 \cdot 541369 \cdot 2075560967 \cdot n, B_1 = 311; q^{78}, B_2 = 309$
 9098: $61^4 \Rightarrow 5 \cdot 131 \cdot 21491, B_1 = 23$
 9099: $21491^2 \Rightarrow 421 \cdot 1097113, B_1 = 35$
 9100: $1097113^1 \Rightarrow 548557, B_1 = 47$
 9101: $548557^2 \Rightarrow 7 \dots, D$
 9102: $548557^4 \Rightarrow 11 \dots, D$
 9103: $548557^6 \Rightarrow 2311 \cdot 5349886613 \cdot p_{22}, B_1 = 139$
 9104: $p_{22}^2 \Rightarrow 19 \dots, D$
 9105: $p_{22}^4 \Rightarrow 25931 \cdot 1778611 \cdot 5893108835936561 \cdot 23377869537150461 \cdot p_{43}, B_1 = 352$
 9106: $p_{22}^6 \Rightarrow 7 \dots, D$
 9107: $p_{22}^{10}, B_2 = 426$
 9108: $548557^{10} \Rightarrow P_{58}, B_1 = 208$
 9109: $P_{58}^2 \Rightarrow 19 \dots, D$
 9110: $P_{58}^4, B_2 = 459$
 9111: $548557^{12} \Rightarrow 131 \cdot 78591089781101 \cdot P_{53}, B_1 = 238$
 9112: $P_{53}^2 \Rightarrow 3 \cdot n, B_1 = 343; q^4, B_2 = 422$
 9114: $548557^{16} \Rightarrow 17 \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 17^2$
 9115: $548557^{18} \Rightarrow 191 \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 61^4 \cdot 131^2 \cdot 191^2 \cdot 421^2$
 9116: $548557^{22} \Rightarrow 139 \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 61^4 \cdot 131^2 \cdot 139^2$
 9117: $548557^{28}, B_2 = 321$
 9118: $1097113^2 \Rightarrow 3 \cdot 37 \cdot 5743 \cdot 1888171, B_1 = 62$
 9119: $1888171^2 \Rightarrow 3 \dots, S \ 3^4 \cdot 5 \cdot 13^2 \cdot 37^2 \cdot 61^4$
 9120: $1888171^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 37 \cdot 61^4$
 9121: $1888171^6 \Rightarrow 43 \dots, S \ 3^2 \cdot 5 \cdot 13^2 \cdot 37^2 \cdot 43^2 \cdot 61^4$
 9122: $1888171^{10} \Rightarrow 23^2 \dots, S \ 3^2 \cdot 5 \cdot 13^2 \cdot 23^2 \cdot 37^2$

9123: $1888171^{12} \Rightarrow 53 \dots, S \ 3^2 \cdot 5 \cdot 13^2 \cdot 37^2 \cdot 53^2 \cdot 61^4 \cdot 131^2$
 9124: $1888171^{16} \Rightarrow 239 \cdot 346774016804819 \cdot p_{84}, B_1 = 270$
 9125: $p_{84}^1 \Rightarrow 3 \dots, S \ 3^4 \cdot 5^2 \cdot 13^2$
 9126: $p_{84}^2, B_3 = 351$
 9127: $1888171^{18} \Rightarrow 191 \cdot 1597 \cdot 41611 \cdot 712373208973 \cdot p_{92}, B_1 = 300$
 9128: $1888171^{22} \Rightarrow n, B_1 = 326; q^{28}, B_2 = 351$
 9130: $1097113^4 \Rightarrow 311 \cdot 881 \cdot 22511 \cdot p_{15}, B_1 = 87$
 9131: $p_{15}^1 \Rightarrow 79 \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 61^4 \cdot 79^2 \cdot 131^2$
 9132: $p_{15}^2 \Rightarrow 19 \dots, D$
 9133: $p_{15}^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 61^4 \cdot 131^2 \cdot 311^2 \cdot 421 \cdot 881^2$
 9134: $p_{15}^6 \Rightarrow 2162581 \cdot 22830528239 \cdot p_{70}, B_1 = 262$
 9135: $p_{70}^1 \Rightarrow 3^2 \cdot 13 \dots, S \ 3^4 \cdot 5^2 \cdot 13^2$
 9136: $p_{70}^2, B_3 = 325$
 9137: $p_{15}^{10} \Rightarrow 11 \dots, D$
 9138: $p_{15}^{12}, B_2 = 344$
 9139: $1097113^6 \Rightarrow 43 \cdot 113 \cdot 1287161692889297 \cdot p_{18}, B_1 = 121$
 9140: $p_{18}^1 \Rightarrow \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 43^2 \cdot 61^4$
 9141: $p_{18}^2 \Rightarrow 3 \cdot 37 \dots, S \ 3^2 \cdot 5 \cdot 13^2 \cdot 37^2 \cdot 43^2 \cdot 61^4$
 9142: $p_{18}^4 \Rightarrow 11 \dots, D$
 9143: $p_{18}^6 \Rightarrow 7 \dots, D$
 9144: $p_{18}^{10}, B_2 = 348$
 9145: $1097113^{10} \Rightarrow 23 \dots, S \ 3^2 \cdot 5 \cdot 13^2 \cdot 23^2 \cdot 61^4 \cdot 131^2$
 9146: $1097113^{12} \Rightarrow 53 \cdot 313 \cdot 8269 \cdot 14946002410483 \cdot P_{52}, B_1 = 243$
 9147: $P_{52}^2 \Rightarrow 19 \dots, D$
 9148: $P_{52}^4, B_2 = 409$
 9149: $1097113^{16} \Rightarrow 17 \dots, S \ 3^2 \cdot 5 \cdot 13^2 \cdot 17^2 \cdot 61^4$
 9150: $1097113^{18} \Rightarrow 229 \cdot 2243 \cdot c_{104}, B_1 = 250$
 9151: $2243^2 \Rightarrow 61 \cdot 109 \cdot 757, B_1 = 259$
 9152: $757^1 \Rightarrow \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 61^4 \cdot 109^2 \cdot 131^2$
 9153: $757^2 \Rightarrow 3 \cdot 13 \cdot 14713, B_1 = 267$
 9154: $14713^1 \Rightarrow 7 \dots, D$
 9155: $14713^2 \Rightarrow 19 \dots, D$
 9156: $14713^4 \Rightarrow 1774921 \cdot 26403131021, B_1 = 302$
 9157: $14713^6 \Rightarrow n, B_1 = 310; q^{10}, B_3 = 301$
 9159: $757^4 \Rightarrow 11 \dots, D$
 9160: $757^6 \Rightarrow 7 \dots, D$
 9161: $757^{10} \Rightarrow 89 \cdot n, B_1 = 314$
 9162: $757^{12} \Rightarrow 53 \cdot 79 \dots, S \ 3^2 \cdot 5 \cdot 13^2 \cdot 53^2 \cdot 61^4 \cdot 79^2 \cdot 109^2 \cdot 131^2$
 9163: $757^{16}, B_3 = 300$
 9164: $2243^4 \Rightarrow p_{14}, B_1 = 273$
 9165: $p_{14}^1 \Rightarrow \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 61^4 \cdot 131^2 \cdot 229^2 \cdot 421^2$
 9166: $p_{14}^2 \Rightarrow 7 \dots, D$
 9167: $p_{14}^4, B_3 = 310$
 9168: $2243^6 \Rightarrow 4817 \cdot 6791 \cdot P_{13}, B_1 = 302$
 9169: $2243^{10} \Rightarrow 23 \dots, S \ 3^2 \cdot 5 \cdot 13^2 \cdot 23^2 \cdot 61^4 \cdot 131^2$
 9170: $2243^{12} \Rightarrow n, B_1 = 324$
 9171: $2243^{16} \Rightarrow n, B_1 = 350; q^{18}, B_3 = 304$
 9173: $1097113^{22} \Rightarrow 139 \cdot 39791 \cdot c_{127}, B_1 = 299$
 9174: $39791^2 \Rightarrow n, B_1 = 308; q^4, B_3 = 308$
 9176: $1097113^{28}, B_2 = 338$
 9177: $21491^4 \Rightarrow 31 \dots, D$
 9178: $21491^6 \Rightarrow 7 \dots, D$
 9179: $21491^{10} \Rightarrow 23 \dots, S \ 3^2 \cdot 5 \cdot 13^2 \cdot 23^2 \cdot 61^4 \cdot 131^2$
 9180: $21491^{12} \Rightarrow 8581 \cdot 5781439 \cdot P_{42}, B_1 = 167$

9181: $P_{42}^2 \Rightarrow 19 \dots, D$
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: $P_{34}^2 \Rightarrow 463 \cdot 2096942671 \cdot 1166875779450778753574983 \cdot P_{31}, B_1 = 347$
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: $p_{16}^2 \Rightarrow 127 \dots, D$
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: $21491^{22} \Rightarrow 47 \cdot 3313 \cdot 224979818153 \cdot 17425680902813039 \cdot 208287548409472604687 \cdot P_{43}, B_1 = 290$
9195: $P_{43}^2 \Rightarrow 3 \cdot 181 \cdot n, B_1 = 376; q^4, B_3 = 374$
9197: $21491^{28} \Rightarrow 59 \cdot 4353510938419 \cdot 1626158119816639859850511 \cdot P_{83}, B_1 = 379$
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: $p_{15}^1 \Rightarrow 5^3 \cdot 53 \cdot 61 \dots, S \ 3^2 \cdot 5^4 \cdot 13^2 \cdot 53^2 \cdot 61^6$
9203: $p_{15}^2 \Rightarrow 3 \cdot 67 \cdot 16603 \cdot 10822630597 \cdot 528515019661, B_1 = 122$
9204: $528515019661^1 \Rightarrow 7 \dots, D$
9205: $528515019661^2 \Rightarrow 3 \cdot 6102253 \cdot 27763969 \cdot 549568273, B_1 = 169$
9206: $549568273^1 \Rightarrow 19 \dots, D$
9207: $549568273^2 \Rightarrow 7 \dots, D$
9208: $549568273^4 \Rightarrow 61 \cdot 1653392444467271 \cdot P_{18}, B_1 = 253$
9209: $P_{18}^2 \Rightarrow 7 \dots, D$
9210: $P_{18}^4 \Rightarrow 11 \dots, D$
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: $p_{27}^1 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 13^2$
9214: $p_{27}^2, B_3 = 309$
9215: $549568273^{10} \Rightarrow 11 \dots, D$
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: $528515019661^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5 \cdot 13^2 \cdot 61^6 \cdot 67^2$
9220: $528515019661^6 \Rightarrow 631 \cdot 452424840239577650219849039468623 \cdot P_{35}, B_1 = 311$
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: $P_{32}^2 \Rightarrow 1241269 \cdot 57151247136601 \cdot 373760264642068615009 \cdot p_{23}, B_1 = 245$
9237: $p_{23}^1 \Rightarrow 4229 \cdot 1249511 \cdot p_{13}, B_1 = 289$
9238: $p_{13}^2 \Rightarrow 31 \dots, D; q^4, B_3 = 314$
9240: $p_{23}^2 \Rightarrow 19 \dots, D$
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: $52379047267^6 \Rightarrow 7 \dots, D$

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: $578267^2 \Rightarrow 7 \dots, D$
 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: $P_{13}^2 \Rightarrow 19 \dots, D$
 9262: $P_{13}^4 \Rightarrow 5 \cdot 151 \cdot 761 \cdot 37571 \cdot p_{41}, B_1 = 142$
 9263: $p_{41}^1 \Rightarrow 3 \cdot 17 \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 17^2$
 9264: $p_{41}^2 \Rightarrow 6073846769157251675623 \cdot$
 $159804204906166690032650023 \cdot P_{33}, B_1 = 340; q^4, B_2 = 321$
 9266: $P_{13}^6 \Rightarrow 113 \cdot 1226471 \cdot 5401829758545369913 \cdot P_{49}, B_1 = 240$
 9267: $P_{49}^2 \Rightarrow 3 \cdot n, B_1 = 337; q^4, B_2 = 391$
 9269: $P_{13}^{10} \Rightarrow 11 \dots, D; q^{12}, B_2 = 303$
 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: $P_{22}^2 \Rightarrow 19 \dots, D$
 9274: $P_{22}^4 \Rightarrow 5 \cdot p_{85}, B_1 = 260$
 9275: $p_{85}^1 \Rightarrow \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 61^{12} \cdot 73^2 \cdot 367^2$
 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: $P_{17}^4 \Rightarrow 11 \dots, D$
 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: $5990213^2 \Rightarrow 19 \dots, D$
 9283: $5990213^4 \Rightarrow 11 \dots, D$
 9284: $5990213^6 \Rightarrow 127 \dots, D; q^{10}, B_3 = 310$
 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: $p_{24}^2 \Rightarrow 19 \dots, D; q^4, B_3 = 336$
 9290: $752957793673^4 \Rightarrow n, B_1 = 314$
 9291: $752957793673^6 \Rightarrow 7 \dots, D; q^{10}, B_3 = 338$
 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: $p_{39}^2 \Rightarrow 31 \dots, D; q^4, B_2 = 311$
 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: $595927010333^2 \Rightarrow 7 \dots, D$
 9311: $595927010333^4 \Rightarrow n, B_1 = 309$

9312: $595927010333^6 \Rightarrow 29 \cdot n, B_1 = 358; q^{10}, B_3 = 333$
 9314: $p_{22}^2 \Rightarrow 3 \cdot 37 \cdot 433 \cdot 1483 \cdot 9259412389567939 \cdot p_{20}, B_1 = 285$
 9315: $p_{20}^1 \Rightarrow 11 \dots, D$
 9316: $p_{20}^2 \Rightarrow 3 \cdot n, B_1 = 324; q^4, B_3 = 324$
 9318: $p_{22}^4 \Rightarrow 71 \cdot n, B_1 = 330$
 9319: $p_{22}^6 \Rightarrow 29 \cdot 43 \cdot n, B_1 = 418; q^{10}, B_2 = 435$
 9321: $P_{30}^4 \Rightarrow 5 \cdot p_{119}, B_1 = 279$
 9322: $p_{119}^1 \Rightarrow 7 \dots, D$
 9323: $p_{119}^2, B_2 = 473$
 9324: $P_{30}^6, B_2 = 357$
 9325: $61^{22} \Rightarrow 47 \cdot p_{38}, B_1 = 83$
 9326: $p_{38}^1 \Rightarrow 5^2 \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 47^2 \cdot 61^{22}$
 9327: $p_{38}^2 \Rightarrow 3 \cdot 61 \cdot 15217 \cdot p_{69}, B_1 = 198$
 9328: $p_{69}^1 \Rightarrow 47 \cdot 35975907452417771 \cdot p_{51}, B_1 = 331$
 9329: $p_{69}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 550$
 9331: $p_{38}^4, B_2 = 300$
 9332: $61^{28} \Rightarrow 12703 \cdot 37991 \cdot 59503651 \cdot 129924628343 \cdot p_{23}, B_1 = 130$
 9333: $p_{23}^1 \Rightarrow 3 \cdot 6733 \cdot 18451 \cdot 22571 \cdot 1580015219, B_1 = 174$
 9334: $1580015219^2 \Rightarrow 13 \cdot p_{18}, B_1 = 208$
 9335: $p_{18}^2 \Rightarrow 3 \cdot 6571 \cdot 613388130561469 \cdot P_{16}, B_1 = 277$
 9336: $P_{16}^2 \Rightarrow 19 \dots, D$
 9337: $P_{16}^4, B_3 = 308$
 9338: $p_{18}^4 \Rightarrow 11 \dots, D$
 9339: $p_{18}^6 \Rightarrow 71 \cdot n, B_1 = 383; q^{10}, B_3 = 346$
 9341: $1580015219^4 \Rightarrow 76801 \cdot p_{32}, B_1 = 266$
 9342: $p_{32}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 329$
 9344: $1580015219^6 \Rightarrow 883 \cdot P_{53}, B_1 = 321$
 9345: $1580015219^{10} \Rightarrow n, B_1 = 339$
 9346: $1580015219^{12} \Rightarrow n, B_1 = 376; q^{16}, B_3 = 302$
 9348: $p_{23}^2 \Rightarrow 7 \dots, D$
 9349: $p_{23}^4 \Rightarrow 5 \cdot 15423345881 \cdot c_{79}, B_1 = 288$
 9350: $15423345881^1 \Rightarrow 7 \dots, D$
 9351: $15423345881^2 \Rightarrow 19 \dots, D$
 9352: $15423345881^4, B_3 = 318$
 9353: $p_{23}^6 \Rightarrow 379 \cdot n, B_1 = 379; q^{10}, B_2 = 448$
 9355: $61^{30} \Rightarrow 1489 \cdot P_{51}, B_1 = 160$
 9356: $P_{51}^2 \Rightarrow 3 \cdot 11373751 \cdot 2048215633 \cdot c_{84}, B_1 = 271$
 9357: $2048215633^1 \Rightarrow 53 \cdot 19322789, B_1 = 289$
 9358: $19322789^2 \Rightarrow 577 \cdot n, B_1 = 306; q^4, B_3 = 303$
 9360: $2048215633^2 \Rightarrow 127 \dots, D$
 9361: $2048215633^4 \Rightarrow n, B_1 = 333; q^6, B_3 = 314$
 9363: $P_{51}^4, B_2 = 403$
 9364: $61^{36} \Rightarrow p_{65}, B_1 = 131$
 9365: $p_{65}^1 \Rightarrow 5987 \cdot 45139 \cdot 296929 \cdot P_{51}, B_1 = 259$
 9366: $P_{51}^2 \Rightarrow 19 \dots, D; q^4, B_2 = 400$
 9368: $p_{65}^2 \Rightarrow 3 \cdot n, B_1 = 324; q^4, B_2 = 514$
 9370: $61^{40} \Rightarrow 83 \cdot 5413 \cdot 26873095187 \cdot p_{56}, B_1 = 162$
 9371: $p_{56}^1 \Rightarrow 3^2 \cdot 113 \cdot 331 \cdot 215689 \cdot 94301495279 \cdot P_{34}, B_1 = 271$
 9372: $P_{34}^2 \Rightarrow 13 \cdot n, B_1 = 336; q^4, B_3 = 337$
 9374: $p_{56}^2 \Rightarrow n, B_1 = 324; q^4, B_2 = 442$
 9376: $61^{42} \Rightarrow 5956707000538571084106691363703 \cdot p_{45}, B_1 = 183$
 9377: $p_{45}^1 \Rightarrow 3 \cdot 2488067 \cdot p_{38}, B_1 = 270$
 9378: $p_{38}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 344$
 9380: $p_{45}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 353$

9382: $61^{46} \Rightarrow 283 \cdot 2442779 \cdot 457804159 \cdot 1499262849817994675198677771 \cdot P_{38}, B_1 = 249$
 9383: $P_{38}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 324$
 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: $61^{60} \Rightarrow 977 \cdot 343625872243632312073 \cdot c_{84}, B_1 = 220$
 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: $p_{21}^4 \Rightarrow 11 \dots, D; q^6, B_3 = 320$
 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: $151^2 \Rightarrow 7 \dots, D$
 9405: $151^4 \Rightarrow 5 \cdot 104670301, B_1 = 262$
 9406: $104670301^1 \Rightarrow 11 \dots, D$
 9407: $104670301^2 \Rightarrow 3 \cdot 1549 \cdot p_{13}, B_1 = 289$
 9408: $p_{13}^1 \Rightarrow 5^2 \dots, S \ 3^2 \cdot 5^4 \cdot 13^2 \cdot 37^2$
 9409: $p_{13}^2 \Rightarrow 7 \dots, D$
 9410: $p_{13}^4, B_3 = 323$
 9411: $104670301^4 \Rightarrow 5 \dots, S \ 3^2 \cdot 5^2 \cdot 13^2 \cdot 37 \cdot 61^{66}$
 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: $269^4 \Rightarrow 11 \dots, D$
 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: $499^2 \Rightarrow 7 \dots, D; q^4, B_3 = 303$
 9431: $997^2 \Rightarrow 31 \dots, D$
 9432: $997^4 \Rightarrow n, B_1 = 310; q^6, B_3 = 304$
 9434: $25229^4 \Rightarrow n, B_1 = 303$
 9435: $25229^6 \Rightarrow 7 \dots, D; q^{10}, B_3 = 311$
 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: $12541^2 \Rightarrow 7 \dots, D$

9448: $12541^4 \Rightarrow 5 \dots, S \ 3^4 \cdot 5^2 \cdot 13^2$
 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: $1279^4 \Rightarrow 11 \dots, D$
 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: $2557^2 \Rightarrow 19 \dots, D$
 9460: $2557^4 \Rightarrow 11 \dots, D$
 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: $61^{72} \Rightarrow 439 \cdot 19383983 \cdot 6411622121 \cdot 6428420305030484711 \cdot$
 $25183243286549632313 \cdot 8373573793950147412813487438357 \cdot P_{40}, B_1 = 357$
 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: $191^2 \Rightarrow 7 \dots, D$
 9476: $191^4 \Rightarrow 11 \dots, D$
 9477: $191^6 \Rightarrow 127 \dots, D$
 9478: $191^{10} \Rightarrow 34179328063 \cdot P_{13}, B_1 = 79$
 9479: $P_{13}^2 \Rightarrow 7 \dots, D$
 9480: $P_{13}^4 \Rightarrow 31 \dots, D$
 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: $P_{13}^{10} \Rightarrow 11 \dots, D$
 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: $48552947^2 \Rightarrow 7 \dots, D$
 9489: $48552947^4 \Rightarrow 11 \dots, D$
 9490: $48552947^6 \Rightarrow 29 \cdot 631 \cdot P_{42}, B_1 = 215$
 9491: $P_{42}^2 \Rightarrow 31 \dots, D; q^4, B_2 = 334$
 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: $p_{37}^4 \Rightarrow 11 \dots, D; q^6, B_2 = 437$
 9504: $191^{18} \Rightarrow 19 \dots, D$
 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: $P_{23}^2 \Rightarrow 7 \dots, D$
 9508: $P_{23}^4 \Rightarrow 11 \dots, D; q^6, B_3 = 318$
 9510: $P_{18}^4 \Rightarrow 11 \dots, D$
 9511: $P_{18}^6 \Rightarrow 43 \cdot n, B_1 = 341; q^{10}, B_2 = 357$
 9513: $191^{28} \Rightarrow 523 \cdot 1145849 \cdot 7498509527 \cdot 238463492857 \cdot p_{34}, B_1 = 202$

9514: $p_{34}^2 \Rightarrow 7 \dots, D$
9515: $p_{34}^4 \Rightarrow n, B_1 = 405; q^6, B_2 = 406$
9517: $191^{30} \Rightarrow 62683 \cdot 8510327225640925409 \cdot P_{45}, B_1 = 216$
9518: $P_{45}^2 \Rightarrow 13 \cdot n, B_1 = 304; q^4, B_2 = 357$
9520: $191^{36} \Rightarrow 1259 \cdot 425279 \cdot 161799151 \cdot 615122411 \cdot p_{57}, B_1 = 257$
9521: $p_{57}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 451$
9523: $191^{40} \Rightarrow 83 \cdot 739 \cdot 16319 \cdot 11252533 \cdot 1829923481 \cdot 15797566009 \cdot P_{56}, B_1 = 284$
9524: $P_{56}^2 \Rightarrow 37 \cdot 643 \cdot 991 \cdot n, B_1 = 403; q^4, B_2 = 445$
9526: $191^{42} \Rightarrow c_{96}, B_{30} = 287$ *see text*
9527: $191^{46} \Rightarrow c_{105}, B_{30} = 314$ *see text*
9528: $191^{52} \Rightarrow 1697 \cdot 25229 \cdot 3941175363085166419 \cdot P_{93}, B_1 = 366$
9529: $191^{58} \Rightarrow 827 \cdot 1821331 \cdot 26452054691 \cdot 19001095030935551 \cdot 30610084902245143 \cdot n, B_1 = 327$
9530: $191^{60} \Rightarrow 127247 \cdot P_{132}, B_1 = 421; q^{66}, B_2 = 301$
9532: $30941^2 \Rightarrow 157 \cdot 433 \cdot 14083, B_1 = 28$
9533: $14083^2 \Rightarrow 3 \cdot 4591 \cdot 14401, B_1 = 43$
9534: $14401^1 \Rightarrow 19 \dots, D$
9535: $14401^2 \Rightarrow 7 \dots, D$
9536: $14401^4 \Rightarrow 5 \cdot 41 \cdot 93871 \cdot 2235195191, B_1 = 86$
9537: $2235195191^2 \Rightarrow 223 \cdot 144967 \cdot 154545688753, B_1 = 115$
9538: $154545688753^1 \Rightarrow \dots, S \ 3^2 \cdot 5^2 \cdot 13^4 \cdot 41^2 \cdot 157^2$
9539: $154545688753^2 \Rightarrow 19 \dots, D$
9540: $154545688753^4 \Rightarrow 11 \dots, D$
9541: $154545688753^6 \Rightarrow 127 \dots, D$
9542: $154545688753^{10} \Rightarrow n, B_1 = 325$
9543: $154545688753^{12} \Rightarrow 13 \cdot n, B_1 = 369; q^{16}, B_2 = 358$
9545: $2235195191^4 \Rightarrow 11 \dots, D$
9546: $2235195191^6 \Rightarrow 29 \dots, S \ 3^2 \cdot 5 \cdot 13^4 \cdot 29^2 \cdot 41^2 \cdot 157^2$
9547: $2235195191^{10} \Rightarrow 146051984189 \cdot p_{83}, B_1 = 269$
9548: $p_{83}^1 \Rightarrow 19 \dots, D$
9549: $p_{83}^2, B_3 = 340$
9550: $2235195191^{12} \Rightarrow 599 \cdot 3251 \cdot p_{106}, B_1 = 301$
9551: $2235195191^{16} \Rightarrow 17 \dots, S \ 3^2 \cdot 5 \cdot 13^4 \cdot 17^2 \cdot 41^2$
9552: $2235195191^{18}, B_2 = 336$
9553: $14401^6 \Rightarrow 6343 \cdot 34721 \cdot 47462563 \cdot 853390763, B_1 = 109$
9554: $853390763^2 \Rightarrow 1531 \cdot P_{15}, B_1 = 145$
9555: $P_{15}^2 \Rightarrow 7 \dots, D$
9556: $P_{15}^4 \Rightarrow 8111 \cdot 30071 \cdot 1010981 \cdot 8045221 \cdot p_{38}, B_1 = 259$
9557: $p_{38}^1 \Rightarrow 23 \cdot 2544698614445093 \cdot P_{21}, B_1 = 333$
9558: $p_{38}^2 \Rightarrow 3 \cdot 877 \cdot n, B_1 = 367; q^4, B_3 = 364$
9560: $P_{15}^6 \Rightarrow 2003 \cdot 3370875860633 \cdot P_{73}, B_1 = 372$
9561: $P_{15}^{10} \Rightarrow 23 \cdot n, B_1 = 411; q^{12}, B_2 = 352$
9563: $853390763^4 \Rightarrow 11 \dots, D$
9564: $853390763^6 \Rightarrow 7 \dots, D$
9565: $853390763^{10} \Rightarrow 331 \cdot 877398919 \cdot 363063988082203 \cdot 192767758756217503 \cdot p_{47}, B_1 = 318$
9566: $853390763^{12} \Rightarrow 911 \cdot n, B_1 = 309$
9567: $853390763^{16} \Rightarrow n, B_1 = 377; q^{18}, B_2 = 321$
9569: $14401^{10} \Rightarrow 23^2 \cdot 1871 \cdot 3499 \cdot 3917 \cdot 340583 \cdot p_{23}, B_1 = 138$
9570: $p_{23}^1 \Rightarrow 59 \cdot 4113098237 \cdot 171102215257, B_1 = 184$
9571: $171102215257^2 \Rightarrow 19 \dots, D$
9572: $171102215257^4 \Rightarrow 48963701 \cdot p_{38}, B_1 = 296$
9573: $p_{38}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 370$
9575: $171102215257^6 \Rightarrow 7 \dots, D$
9576: $171102215257^{10} \Rightarrow n, B_1 = 386$
9577: $171102215257^{12} \Rightarrow n, B_1 = 431; q^{16}, B_2 = 359$

9579: $p_{23}^2 \Rightarrow 3 \cdot 486223 \cdot 846434443 \cdot 11628488236969 \cdot p_{18}, B_1 = 234$
 9580: $p_{18}^1 \Rightarrow 19 \dots, D$
 9581: $p_{18}^2 \Rightarrow 3 \cdot 542723149 \cdot p_{27}, B_1 = 297$
 9582: $p_{27}^1 \Rightarrow 5 \cdot 13 \dots, S \quad 3^4 \cdot 5^2 \cdot 13^4$
 9583: $p_{27}^2, B_3 = 310$
 9584: $p_{18}^4 \Rightarrow 11 \dots, D$
 9585: $p_{18}^6, B_3 = 310$
 9586: $p_{23}^4 \Rightarrow 5 \cdot 13998333191 \cdot P_{81}, B_1 = 387$
 9587: $p_{23}^6 \Rightarrow 29 \cdot 71 \cdot n, B_1 = 390; q^{10}, B_2 = 458$
 9589: $14401^{12} \Rightarrow 1804219 \cdot 6535049 \cdot P_{37}, B_1 = 182$
 9590: $P_{37}^2 \Rightarrow 8731990198705834254376567203853 \cdot p_{43}, B_1 = 293$
 9591: $p_{43}^1 \Rightarrow 103 \cdot 823 \cdot n, B_1 = 341; q^2, B_3 = 305$
 9593: $P_{37}^4 \Rightarrow n, B_1 = 403; q^6, B_2 = 441$
 9595: $14401^{16} \Rightarrow 137 \cdot 443 \cdot 30754912373775511 \cdot 7874824643960565070799 \cdot P_{24}, B_1 = 236$
 9596: $P_{24}^2 \Rightarrow 19 \dots, D$
 9597: $P_{24}^4 \Rightarrow 11 \dots, D; q^6, B_3 = 330$
 9599: $14401^{18} \Rightarrow 229 \cdot 3877 \cdot 202091755830016292540433547 \cdot p_{43}, B_1 = 221$
 9600: $p_{43}^1 \Rightarrow 5 \cdot 179 \cdot 211 \cdot 1013 \cdot 1081646128183 \cdot P_{22}, B_1 = 306$
 9601: $p_{43}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 345$
 9603: $14401^{22} \Rightarrow 44621 \cdot 13742582479 \cdot 572482826089 \cdot p_{65}, B_1 = 249$
 9604: $p_{65}^1 \Rightarrow 19 \dots, D; q^2, B_3 = 302$
 9606: $14401^{28} \Rightarrow 59 \cdot 523 \cdot 3065713912035839 \cdot P_{97}, B_1 = 386$
 9607: $14401^{30} \Rightarrow 18137543 \cdot 5556696991 \cdot n, B_1 = 303$
 9608: $14401^{36} \Rightarrow n, B_1 = 336; q^{40}, B_2 = 332$
 9610: $14083^4 \Rightarrow 11 \dots, D$
 9611: $14083^6 \Rightarrow p_{25}, B_1 = 72$
 9612: $p_{25}^1 \Rightarrow 17 \cdot 9133 \cdot P_{20}, B_1 = 122$
 9613: $P_{20}^2 \Rightarrow 31 \dots, D$
 9614: $P_{20}^4 \Rightarrow 11 \dots, D$
 9615: $P_{20}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 388$
 9617: $p_{25}^2 \Rightarrow 31 \dots, D$
 9618: $p_{25}^4 \Rightarrow 11 \dots, D$
 9619: $p_{25}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 497$
 9621: $14083^{10} \Rightarrow 4732145777657 \cdot p_{29}, B_1 = 118$
 9622: $p_{29}^1 \Rightarrow 5 \cdot 735349796563 \cdot p_{16}, B_1 = 175$
 9623: $p_{16}^2 \Rightarrow 7 \dots, D$
 9624: $p_{16}^4 \Rightarrow 61 \cdot 1786769161 \cdot 530468431681571 \cdot P_{39}, B_1 = 335$
 9625: $p_{16}^6 \Rightarrow n, B_1 = 335; q^{10}, B_2 = 318$
 9627: $p_{29}^2 \Rightarrow 7 \dots, D$
 9628: $p_{29}^4 \Rightarrow n, B_1 = 307; q^6, B_2 = 345$
 9630: $14083^{12} \Rightarrow 79 \cdot P_{48}, B_1 = 169$
 9631: $P_{48}^2 \Rightarrow 127 \dots, D; q^4, B_2 = 383$
 9633: $14083^{16} \Rightarrow 61165834505641003 \cdot P_{50}, B_1 = 219$
 9634: $P_{50}^2 \Rightarrow n, B_1 = 318; q^4, B_2 = 396$
 9636: $14083^{18} \Rightarrow 330866496163974605663 \cdot P_{55}, B_1 = 244$
 9637: $P_{55}^2 \Rightarrow n, B_1 = 352; q^4, B_2 = 433$
 9639: $14083^{22} \Rightarrow 139 \cdot 1581801853997 \cdot 141808814207792565604283269 \cdot P_{51}, B_1 = 270$
 9640: $P_{51}^2 \Rightarrow 19 \dots, D; q^4, B_2 = 406$
 9642: $14083^{28} \Rightarrow 59 \cdot 929 \cdot c_{112}, B_1 = 257$
 9643: $929^1 \Rightarrow 31 \dots, D$
 9644: $929^2 \Rightarrow 157 \cdot 5503, B_1 = 265$
 9645: $5503^2 \Rightarrow 3 \cdot 61 \cdot 165511, B_1 = 279$
 9646: $165511^2 \Rightarrow 3 \cdot 37 \cdot 246793303, B_1 = 299$
 9647: $246793303^2 \Rightarrow 3 \cdot 13 \cdot 37 \cdot 43 \cdot n, B_1 = 316; q^4, B_3 = 316$

9649: $165511^4 \Rightarrow 11 \dots, D$
 9650: $165511^6, B_3 = 300$
 9651: $5503^4 \Rightarrow 11 \dots, D$
 9652: $5503^6 \Rightarrow 7 \dots, D$
 9653: $5503^{10} \Rightarrow 23 \cdot 67 \cdot n, B_1 = 335; q^{12}, B_3 = 302$
 9655: $929^4 \Rightarrow 11 \dots, D$
 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: $30941^4 \Rightarrow 11 \dots, D$
 9667: $30941^6 \Rightarrow 7 \dots, D$
 9668: $30941^{10} \Rightarrow 23 \cdot 4027 \cdot P_{40}, B_1 = 139$
 9669: $P_{40}^2 \Rightarrow 19 \dots, D; q^4, B_2 = 319$
 9671: $30941^{12} \Rightarrow 13 \cdot 53 \cdot 79 \cdot 2393 \cdot 10068227440673533 \cdot P_{30}, B_1 = 147$
 9672: $P_{30}^2 \Rightarrow 7 \dots, D$
 9673: $P_{30}^4 \Rightarrow 11 \dots, D; q^6, B_2 = 357$
 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: $P_{26}^4 \Rightarrow 11 \dots, D; q^6, B_3 = 328$
 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: $311^2 \Rightarrow 19 \dots, D$
 9685: $311^4 \Rightarrow 11 \dots, D$
 9686: $311^6 \Rightarrow 197 \cdot 19853 \cdot 232096537, B_1 = 262$
 9687: $232096537^2 \Rightarrow 3 \cdot p_{17}, B_1 = 295$
 9688: $p_{17}^2 \Rightarrow 19 \dots, D; q^4, B_3 = 328$
 9690: $232096537^4 \Rightarrow 31 \dots, D$
 9691: $232096537^6 \Rightarrow 7 \dots, D; q^{10}, B_3 = 329$
 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: $311^{30} \Rightarrow 31 \dots, D; q^{36}, B_3 = 307$
 9703: $911193301^2 \Rightarrow 7 \dots, D$
 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: $692888543^2 \Rightarrow 7 \dots, D; q^4, B_3 = 312$
 9715: $81760848073^2 \Rightarrow 7 \dots, D; q^4, B_3 = 306$
 9717: $30941^{36}, B_2 = 323$

9718: $13^6 \Rightarrow 5229043, B_1 = 20$
 9719: $5229043^2 \Rightarrow 31 \dots, D$
 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: $p_{29}^2 \Rightarrow 3 \cdot 13^2 \cdot 3386926183 \cdot 440546526996272557867 \cdot p_{25}, B_1 = 250$
 9730: $p_{25}^1 \Rightarrow 743 \cdot p_{22}, B_1 = 299$
 9731: $p_{22}^2 \Rightarrow 19 \dots, D; q^4, B_3 = 342$
 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: $P_{20}^4 \Rightarrow 11 \dots, D$
 9738: $P_{20}^6 \Rightarrow 491 \cdot 33937 \cdot 267233 \cdot 223957037756467 \cdot n, B_1 = 304; q^{10}, B_2 = 390$
 9740: $5229043^6 \Rightarrow 7 \dots, D$
 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: $P_{28}^2 \Rightarrow 7 \dots, D$
 9746: $P_{28}^4 \Rightarrow 11 \dots, D; q^6, B_2 = 329$
 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: $38786029^2 \Rightarrow 7 \dots, D$
 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: $5732075647^2 \Rightarrow 7 \dots, D$
 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: $3664781^1 \Rightarrow 11 \dots, D$
 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: $3664781^6 \Rightarrow 7 \dots, D; q^{10}, B_3 = 317$
 9772: $8807^6 \Rightarrow 7 \dots, D$
 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: $18041^1 \Rightarrow 31 \dots, D$
 9783: $18041^2 \Rightarrow 7 \dots, D$
 9784: $18041^4 \Rightarrow 5 \cdot 26801 \cdot 790579404481, B_1 = 64$
 9785: $790579404481^1 \Rightarrow 7 \dots, D$
 9786: $790579404481^2 \Rightarrow 3 \cdot 13 \cdot 32443 \cdot P_{18}, B_1 = 116$

9787: $P_{18}^2 \Rightarrow 3 \cdot 13 \cdot 193 \cdot 211 \cdot 4357 \cdot 2528385577 \cdot p_{17}, B_1 = 172$
 9788: $p_{17}^1 \Rightarrow \dots, S \ 3^2 \cdot 5^2 \cdot 13^{10} \cdot 23^2$
 9789: $p_{17}^2 \Rightarrow 3 \dots, S \ 3^4 \cdot 5 \cdot 13^{10} \cdot 23^2$
 9790: $p_{17}^4 \Rightarrow 11 \dots, D$
 9791: $p_{17}^6 \Rightarrow n, B_1 = 341; q^{10}, B_2 = 322$
 9793: $P_{18}^4 \Rightarrow 308908991 \cdot 37859950231 \cdot p_{52}, B_1 = 246$
 9794: $p_{52}^1 \Rightarrow \dots, S \ 3^2 \cdot 5^2 \cdot 13^{10} \cdot 23^2$
 9795: $p_{52}^2 \Rightarrow 7 \dots, D$
 9796: $p_{52}^4, B_2 = 413$
 9797: $P_{18}^6 \Rightarrow 127 \dots, D; q^{10}, B_2 = 353$
 9799: $790579404481^4 \Rightarrow 11 \dots, D$
 9800: $790579404481^6 \Rightarrow 111327371 \cdot 3249191191 \cdot$
 $121387119169 \cdot 23954198376965473 \cdot P_{27}, B_1 = 250$
 9801: $P_{27}^2 \Rightarrow n, B_1 = 302; q^4, B_3 = 302$
 9803: $790579404481^{10} \Rightarrow 23 \cdot 89 \cdot 463 \cdot 1123 \cdot 770309670659 \cdot n, B_1 = 303$
 9804: $790579404481^{12} \Rightarrow 443 \cdot n, B_1 = 336; q^{16}, B_2 = 380$
 9806: $18041^6 \Rightarrow 197 \cdot 757 \cdot 25384507 \cdot p_{13}, B_1 = 88$
 9807: $p_{13}^1 \Rightarrow 3 \cdot 5^3 \dots, S \ 3^2 \cdot 5^4 \cdot 13^{10} \cdot 23^2$
 9808: $p_{13}^2 \Rightarrow 277 \cdot 236773 \cdot 10723561 \cdot 117967608271, B_1 = 146$
 9809: $117967608271^2 \Rightarrow 7 \dots, D$
 9810: $117967608271^4 \Rightarrow 5 \cdot 61 \cdot 1571 \cdot 2381 \cdot 14942664026435161 \cdot P_{20}, B_1 = 247$
 9811: $P_{20}^2 \Rightarrow 3 \cdot 181 \dots, S \ 3^2 \cdot 5 \cdot 13^{10} \cdot 23^2 \cdot 61^2 \cdot 181^2$
 9812: $P_{20}^4 \Rightarrow 31 \dots, D; q^6, B_3 = 324$
 9814: $117967608271^6 \Rightarrow 43 \cdot 71 \cdot 113 \cdot 184703 \cdot 12467742253891 \cdot p_{43}, B_1 = 288$
 9815: $p_{43}^1 \Rightarrow 3 \cdot n, B_1 = 330; q^2, B_3 = 323$
 9817: $117967608271^{10} \Rightarrow 23 \cdot 67 \cdot n, B_1 = 346$
 9818: $117967608271^{12} \Rightarrow 911 \cdot n, B_1 = 392; q^{16}, B_2 = 354$
 9820: $p_{13}^4 \Rightarrow 11 \dots, D$
 9821: $p_{13}^6 \Rightarrow 7 \dots, D$
 9822: $p_{13}^{10} \Rightarrow 23 \cdot n, B_1 = 330; q^{12}, B_2 = 311$
 9824: $18041^{10} \Rightarrow 11 \dots, D$
 9825: $18041^{12} \Rightarrow 588043 \cdot 110285890904411 \cdot p_{32}, B_1 = 146$
 9826: $p_{32}^1 \Rightarrow 3^2 \cdot 41 \cdot 701 \cdot 13938135227 \cdot p_{16}, B_1 = 207$
 9827: $p_{16}^2 \Rightarrow 3 \cdot p_{31}, B_1 = 269$
 9828: $p_{31}^2 \Rightarrow 19 \dots, D$
 9829: $p_{31}^4, B_3 = 330$
 9830: $p_{16}^4 \Rightarrow 11 \dots, D$
 9831: $p_{16}^6 \Rightarrow 43 \cdot n, B_1 = 363; q^{10}, B_3 = 331$
 9833: $p_{32}^2 \Rightarrow 79627635540001 \cdot P_{49}, B_1 = 289$
 9834: $P_{49}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 389$
 9836: $p_{32}^4 \Rightarrow 11 \dots, D; q^6, B_2 = 375$
 9838: $18041^{16} \Rightarrow 307 \cdot 93815349051618588433552823 \cdot p_{40}, B_1 = 189$
 9839: $p_{40}^1 \Rightarrow 3^2 \cdot 17581 \cdot 11089691 \cdot 4652010683 \cdot P_{18}, B_1 = 267$
 9840: $P_{18}^2 \Rightarrow 7 \dots, D$
 9841: $P_{18}^4, B_3 = 302$
 9842: $p_{40}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 317$
 9844: $18041^{18} \Rightarrow 457 \cdot 18936535212031693 \cdot 4614818696074344883 \cdot p_{40}, B_1 = 215$
 9845: $p_{40}^1 \Rightarrow 7 \dots, D$
 9846: $p_{40}^2 \Rightarrow 3 \cdot n, B_1 = 317; q^4, B_3 = 316$
 9848: $18041^{22} \Rightarrow 1527247 \cdot 2221578511 \cdot$
 $68811598248178507 \cdot 7518643008084142451518627 \cdot P_{37}, B_1 = 305$
 9849: $18041^{28} \Rightarrow 59 \cdot 428810647 \cdot 800672808675011 \cdot 276815509957929740767 \cdot n, B_1 = 309$
 9850: $18041^{30} \Rightarrow 1117 \cdot 46687 \cdot 3047921 \cdot 106092913 \cdot c_{106}, B_1 = 294$
 9851: $106092913^1 \Rightarrow n, B_1 = 302$

9852: $106092913^2 \Rightarrow 3 \cdot n, B_1 = 312; q^4, B_3 = 312$
 9854: $18041^{36}, B_2 = 306$
 9855: $13^{12} \Rightarrow 53 \cdot 264031 \cdot 1803647, B_1 = 38$
 9856: $1803647^2 \Rightarrow 31 \dots, D$
 9857: $1803647^4 \Rightarrow 41 \cdot 53738676221 \cdot p_{13}, B_1 = 90$
 9858: $p_{13}^1 \Rightarrow 37 \cdot 101 \cdot 642661823, B_1 = 114$
 9859: $642661823^2 \Rightarrow 171980953 \cdot 2401511401, B_1 = 150$
 9860: $2401511401^2 \Rightarrow 7 \dots, D$
 9861: $2401511401^4 \Rightarrow 11 \dots, D$
 9862: $2401511401^6 \Rightarrow 617 \cdot 757 \cdot 13189284983141 \cdot P_{38}, B_1 = 300$
 9863: $2401511401^{10} \Rightarrow 23 \cdot n, B_1 = 320$
 9864: $2401511401^{12} \Rightarrow 53 \cdot n, B_1 = 354; q^{16}, B_2 = 300$
 9866: $642661823^4 \Rightarrow 131 \cdot 3001 \cdot 23321 \cdot 42061 \cdot 403331 \cdot p_{16}, B_1 = 202$
 9867: $p_{16}^2 \Rightarrow 19 \dots, D$
 9868: $p_{16}^4 \Rightarrow 11 \dots, D$
 9869: $p_{16}^6 \Rightarrow 7 \dots, D; q^{10}, B_3 = 323$
 9871: $642661823^6 \Rightarrow 659 \cdot 2937957748268405828919731 \cdot p_{26}, B_1 = 255$
 9872: $p_{26}^2 \Rightarrow 3 \cdot 97 \cdot n, B_1 = 309; q^4, B_3 = 306$
 9874: $642661823^{10} \Rightarrow 11 \dots, D$
 9875: $642661823^{12} \Rightarrow 79 \cdot n, B_1 = 310$
 9876: $642661823^{16} \Rightarrow n, B_1 = 379; q^{18}, B_2 = 317$
 9878: $p_{13}^2 \Rightarrow 3 \cdot 151 \cdot 2719 \cdot 9697 \cdot 87421 \cdot 22095845017, B_1 = 142$
 9879: $22095845017^1 \Rightarrow 13 \cdot 849840193, B_1 = 160$
 9880: $849840193^2 \Rightarrow 3 \cdot 1753 \cdot 4690303 \cdot 29279959, B_1 = 195$
 9881: $29279959^2 \Rightarrow 7 \dots, D$
 9882: $29279959^4 \Rightarrow 11 \dots, D$
 9883: $29279959^6 \Rightarrow 2339 \cdot 24287579725571 \cdot p_{29}, B_1 = 315$
 9884: $29279959^{10} \Rightarrow 23 \cdot n, B_1 = 331$
 9885: $29279959^{12} \Rightarrow n, B_1 = 360; q^{16}, B_3 = 300$
 9887: $849840193^4 \Rightarrow 11 \dots, D$
 9888: $849840193^6 \Rightarrow 127 \dots, D$
 9889: $849840193^{10} \Rightarrow n, B_1 = 321$
 9890: $849840193^{12} \Rightarrow n, B_1 = 357$
 9891: $849840193^{16} \Rightarrow 613 \cdot n, B_1 = 431; q^{18}, B_2 = 321$
 9893: $22095845017^2 \Rightarrow 3 \cdot 3463 \cdot 7411 \cdot p_{13}, B_1 = 181$
 9894: $p_{13}^1 \Rightarrow 1586699 \cdot 1998233, B_1 = 206$
 9895: $1998233^2 \Rightarrow 13^3 \cdot 109 \cdot 2383 \cdot 6997, B_1 = 224$
 9896: $6997^2 \Rightarrow 7 \dots, D$
 9897: $6997^4 \Rightarrow p_{16}, B_1 = 263$
 9898: $p_{16}^2 \Rightarrow 43 \cdot 6373 \cdot 7681 \cdot 69697 \cdot 538801 \cdot 72702027121, B_1 = 324$
 9899: $p_{16}^4 \Rightarrow 11 \dots, D$
 9900: $p_{16}^6, B_3 = 324$
 9901: $6997^6 \Rightarrow 3389 \cdot 779581657 \cdot 44422207439, B_1 = 286$
 9902: $44422207439^2 \Rightarrow 409 \cdot 769 \cdot n, B_1 = 312; q^4, B_3 = 307$
 9904: $6997^{10} \Rightarrow 11 \dots, D$
 9905: $6997^{12} \Rightarrow n, B_1 = 309$
 9906: $6997^{16} \Rightarrow n, B_1 = 339$
 9907: $6997^{18} \Rightarrow 191 \cdot n, B_1 = 357; q^{22}, B_3 = 301$
 9909: $1998233^4 \Rightarrow 31 \dots, D$
 9910: $1998233^6 \Rightarrow P_{38}, B_1 = 306$
 9911: $1998233^{10} \Rightarrow 23 \cdot 67 \cdot n, B_1 = 322$
 9912: $1998233^{12} \Rightarrow n, B_1 = 344$
 9913: $1998233^{16} \Rightarrow 137 \cdot n, B_1 = 397; q^{18}, B_3 = 306$
 9915: $p_{13}^2 \Rightarrow 7 \dots, D$

9916: $p_{13}^4 \Rightarrow 11 \dots, D$
 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: $22095845017^4 \Rightarrow 11 \dots, D$
 9921: $22095845017^6 \Rightarrow 7 \dots, D$
 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: $p_{13}^4 \Rightarrow 11 \dots, D$
 9926: $p_{13}^6 \Rightarrow 7 \dots, D$
 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: $1117871311^2 \Rightarrow 7 \dots, D$
 9932: $1117871311^4 \Rightarrow 5 \cdot 71 \dots, S \quad 3^2 \cdot 5^2 \cdot 13^{12} \cdot 53^2 \cdot 71^2$
 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: $10057295749^2 \Rightarrow 7 \dots, D$
 9943: $10057295749^4 \Rightarrow 31 \dots, D$
 9944: $10057295749^6 \Rightarrow 29 \cdot 43 \cdot 113 \cdot n, B_1 = 328; q^{10}, B_3 = 303$
 9946: $p_{22}^2 \Rightarrow 31 \dots, D$
 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: $p_{16}^4 \Rightarrow 31 \dots, D$
 9951: $p_{16}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 315$
 9953: $1803647^{10} \Rightarrow 13729 \cdot 7400153443 \cdot 116489924189 \cdot 455350252171 \cdot p_{26}, B_1 = 189$
 9954: $p_{26}^1 \Rightarrow 7 \dots, D$
 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: $1803647^{16} \Rightarrow 103 \cdot 1871 \cdot 12377 \cdot 4721411 \cdot$
 $111378883417366559 \cdot 2192719007349648039911431289537 \cdot p_{37}, B_1 = 291$
 9962: $p_{37}^1 \Rightarrow 19 \dots, D$
 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: $21487^2 \Rightarrow 7 \dots, D$
 9971: $21487^4 \Rightarrow 11 \dots, D$
 9972: $21487^6 \Rightarrow 71 \cdot P_{25}, B_1 = 133$
 9973: $P_{25}^2 \Rightarrow 43548559 \cdot P_{41}, B_1 = 229$
 9974: $P_{41}^2 \Rightarrow 7 \dots, D$
 9975: $P_{41}^4, B_2 = 325$
 9976: $P_{25}^4 \Rightarrow 31 \dots, D$
 9977: $P_{25}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 482$
 9979: $21487^{10} \Rightarrow 4754461695327763 \cdot P_{28}, B_1 = 185$
 9980: $P_{28}^2 \Rightarrow 7 \dots, D$
 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: $p_{15}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 13^{16} \cdot 61^2 \cdot 73^2$
 9986: $p_{15}^4 \Rightarrow 5 \cdot 61 \cdot n, B_1 = 338; q^6, B_3 = 312$
 9988: $207984356711^4 \Rightarrow 31 \dots, D$
 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: $p_{60}^2 \Rightarrow 31 \dots, D$
 9993: $p_{60}^4, B_2 = 473$
 9994: $21487^{18} \Rightarrow 1483 \cdot 140515813823173 \cdot 45706100849598078041782789 \cdot P_{36}, B_1 = 289$
 9995: $P_{36}^2 \Rightarrow 3 \cdot 211 \dots, S \ 3^2 \cdot 5^2 \cdot 13^{16} \cdot 73^2 \cdot 103^2 \cdot 211^2 \cdot 443^2$
 9996: $P_{36}^4, B_3 = 359$
 9997: $21487^{22} \Rightarrow 47 \cdot 1718754492614832215084158927 \cdot p_{67}, B_1 = 341$
 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: $P_{15}^2 \Rightarrow 7 \dots, D$
 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: $P_{15}^6 \Rightarrow 185753 \cdot 8689926012754167791 \cdot P_{61}, B_1 = 358$
 10008: $P_{15}^{10} \Rightarrow 23 \cdot n, B_1 = 388; q^{12}, B_2 = 340$
 10010: $p_{26}^2 \Rightarrow 31 \dots, D$
 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: $11461748923^2 \Rightarrow 7 \dots, D; q^4, B_3 = 311$
 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: $p_{33}^2 \Rightarrow 7 \dots, D$
 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: $1250413^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 13^{18} \cdot 17^2$
 10035: $1250413^4 \Rightarrow 585691 \cdot P_{19}, B_1 = 132$
 10036: $P_{19}^2 \Rightarrow 7 \dots, D$
 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: $P_{34}^2 \Rightarrow 19 \dots, D$
 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: $p_{17}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 337$
 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: $P_{48}^2 \Rightarrow 3 \dots, S \ 3^2 \cdot 5^2 \cdot 13^{18} \cdot 17^2$
10053: $P_{48}^4, B_2 = 379$
10054: $1250413^{16} \Rightarrow 443 \cdot 264912344887616706689 \cdot$
 $15340772475315344608477 \cdot 30801560985975883147819 \cdot p_{30}, B_1 = 351$
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: $p_{13}^2 \Rightarrow 7 \dots, D$
10059: $p_{13}^4 \Rightarrow 911 \cdot 733857154621666697260741 \cdot P_{26}, B_1 = 166$
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: $p_{46}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 363$
10064: $P_{26}^4 \Rightarrow 11 \dots, D; q^6, B_2 = 300$
10066: $p_{13}^6 \Rightarrow 463 \cdot 18061 \cdot 36007441 \cdot 25200546530185656933367 \cdot P_{41}, B_1 = 260$
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: $P_{22}^2 \Rightarrow 127 \dots, D$
10073: $P_{22}^4 \Rightarrow 11 \dots, D$
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: $p_{21}^1 \Rightarrow 11 \dots, D$
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: $20305777^2 \Rightarrow 7 \dots, D$
10084: $20305777^4 \Rightarrow 31 \dots, D$
10085: $20305777^6 \Rightarrow 43 \cdot 113 \dots, S \ 3^2 \cdot 5^2 \cdot 13^{28} \cdot 43^2 \cdot 113^2$
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: $p_{19}^2 \Rightarrow 19 \dots, D$
10091: $p_{19}^4 \Rightarrow 15551 \cdot 44437969558672152920321 \cdot P_{48}, B_1 = 339$
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: $P_{41}^2 \Rightarrow 19 \dots, D$
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: $487^2 \Rightarrow 7 \dots, D$
10106: $487^4 \Rightarrow 11 \dots, D$
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: $p_{17}^2 \Rightarrow 19 \dots, D$
10111: $p_{17}^4, B_3 = 325$
10112: $p_{19}^4 \Rightarrow 5 \dots, S \ 3^6 \cdot 5^2 \cdot 13^{30}$

10113: $p_{19}^6 \Rightarrow 7 \dots, D$
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: $2937190033^6 \Rightarrow 7 \dots, D$
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: $P_{19}^2 \Rightarrow 7 \dots, D$
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: $P_{21}^2 \Rightarrow 7 \dots, D$
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: $487^{18} \Rightarrow 6079952374338064609733 \cdot p_{27}, B_1 = 277$
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: $10012471081^2 \Rightarrow 7 \dots, D$
10148: $10012471081^4 \Rightarrow 5 \dots, S \quad 3^4 \cdot 5^2 \cdot 13^{30}$
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: $37171^2 \Rightarrow 19 \dots, D$
10155: $37171^4 \Rightarrow 31 \dots, D$
10156: $37171^6 \Rightarrow 7 \dots, D$
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: $P_{31}^2 \Rightarrow 3 \cdot 1549 \cdot 75715621 \cdot 327092693440272591707077 \cdot P_{26}, B_1 = 338$
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: $p_{25}^4 \Rightarrow 11 \dots, D; q^6, B_3 = 336$
10172: $1693^{16} \Rightarrow 6733 \cdot 2561833 \cdot 25077688313 \cdot 475966185811 \cdot P_{20}, B_1 = 276$
10173: $P_{20}^2 \Rightarrow 7 \dots, D$
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: $433^4 \Rightarrow 11 \dots, D$
10187: $433^6 \Rightarrow 743 \cdot 5209 \cdot 1706822489, B_1 = 159$
10188: $1706822489^2 \Rightarrow 19 \dots, D$
10189: $1706822489^4 \Rightarrow 11 \dots, D$
10190: $1706822489^6 \Rightarrow 7 \dots, D$
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: $p_{24}^2 \Rightarrow 7 \dots, D$
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: $P_{25}^2 \Rightarrow 7 \dots, D$
10202: $P_{25}^4 \Rightarrow 11 \dots, D; q^6, B_3 = 303$
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: $P_{18}^4 \Rightarrow 11 \dots, D; q^6, B_3 = 310$
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: $p_{22}^4 \Rightarrow 11 \dots, D; q^6, B_3 = 340$
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: $631^4 \Rightarrow 11 \dots, D$
10224: $631^6 \Rightarrow 7 \dots, D$
10225: $631^{10} \Rightarrow 89 \cdot p_{27}, B_1 = 185$
10226: $p_{27}^2 \Rightarrow 31 \dots, D$
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: $p_{13}^2 \Rightarrow 7 \dots, D$
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: $87353964127^{10} \Rightarrow 11 \dots, D; q^{12}, B_3 = 311$
10239: $631^{16} \Rightarrow 103 \cdot 2347 \cdot 6990511083509 \cdot p_{27}, B_1 = 235$
10240: $p_{27}^2 \Rightarrow 7 \dots, D$
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: $p_{42}^2 \Rightarrow 31 \dots, D; q^4, B_3 = 370$
10249: $631^{28} \Rightarrow 59 \cdot 10489419887 \cdot 2613344573423 \cdot 41564582126073362766287 \cdot p_{32}, B_1 = 336$
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: $238639^2 \Rightarrow 7 \dots, D$
10260: $238639^4 \Rightarrow 11 \dots, D$
10261: $238639^6 \Rightarrow 93283 \cdot 630802538549 \cdot P_{16}, B_1 = 226$
10262: $P_{16}^2 \Rightarrow 127 \dots, D$
10263: $P_{16}^4 \Rightarrow 11 \dots, D$
10264: $P_{16}^6 \Rightarrow 7 \dots, D; q^{10}, B_3 = 350$
10266: $238639^{10} \Rightarrow 2113 \cdot 8999 \cdot 27809 \cdot 14523481347013 \cdot P_{29}, B_1 = 291$
10267: $P_{29}^2 \Rightarrow 31 \dots, D; q^4, B_3 = 349$
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: $P_{20}^4 \Rightarrow 11 \dots, D$
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: $3500201^{10} \Rightarrow 11 \dots, D$
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: $43^6 \Rightarrow 7 \dots, D$
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: $P_{16}^2 \Rightarrow 7 \dots, D$
10298: $P_{16}^4 \Rightarrow 11 \dots, D; q^6, B_3 = 301$
10300: $p_{15}^4 \Rightarrow 5 \cdot 1901 \cdot 222601 \cdot 8698142823435960101 \cdot p_{29}, B_1 = 327$
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: $p_{13}^2 \Rightarrow 31 \dots, D$
10306: $p_{13}^4 \Rightarrow 11 \dots, D$
10307: $p_{13}^6 \Rightarrow 43 \cdot 239 \cdot n, B_1 = 371; q^{10}, B_3 = 344$
10309: $3664405207^6 \Rightarrow 7 \dots, D$

10310: $3664405207^{10} \Rightarrow 11 \dots, D$
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: $P_{21}^4 \Rightarrow 11 \dots, D; q^6, B_3 = 314$
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: $5945177569^2 \Rightarrow 19 \dots, D$
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: $P_{13}^4 \Rightarrow 11 \dots, D$
10328: $P_{13}^6 \Rightarrow 7 \dots, D$
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: $P_{16}^2 \Rightarrow 7 \dots, D$
10333: $P_{16}^4 \Rightarrow 61 \cdot 1254731 \cdot 224132581 \cdot 13041200971 \cdot p_{35}, B_1 = 338$
10334: $P_{16}^6 \Rightarrow 127 \dots, D; q^{10}, B_3 = 308$
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: $p_{31}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 345$
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: $p_{24}^4 \Rightarrow 11 \dots, D; q^6, B_3 = 328$
10347: $43^{30} \Rightarrow 7069 \cdot 37712369 \cdot p_{38}, B_1 = 244$
10348: $p_{38}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 319$
10350: $43^{36} \Rightarrow 11795676517 \cdot 12857916473 \cdot 1097982497857379 \cdot P_{24}, B_1 = 273$
10351: $P_{24}^2 \Rightarrow 31 \dots, D; q^4, B_3 = 320$
10353: $43^{40} \Rightarrow 12547 \cdot 225679567387603745233 \cdot P_{41}, B_1 = 293$
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: $43^{46} \Rightarrow 108788243190817386661 \cdot p_{56}, B_1 = 322$
10358: $43^{52} \Rightarrow 444853169 \cdot p_{77}, B_1 = 352$
10359: $43^{58} \Rightarrow 22067 \cdot 988205107174469 \cdot n, B_1 = 306$
10360: $43^{60} \Rightarrow 8663 \cdot 1040227478461885061399 \cdot p_{74}, B_1 = 391$
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: $1117^2 \Rightarrow 7 \dots, D$
10369: $1117^4 \Rightarrow 41 \cdot 251 \cdot 331 \cdot 457421, B_1 = 102$
10370: $457421^1 \Rightarrow 7 \dots, D$
10371: $457421^2 \Rightarrow 13 \cdot 8431 \cdot 1909021, B_1 = 123$
10372: $1909021^1 \Rightarrow 113 \cdot 8447, B_1 = 156$
10373: $8447^2 \Rightarrow 19 \dots, D$
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: $414746743129^2 \Rightarrow 127 \dots, D$

10377: $414746743129^4 \Rightarrow 11 \dots, D$
10378: $414746743129^6 \Rightarrow 113 \cdot 883 \cdot n, B_1 = 363; q^{10}, B_3 = 339$
10380: $p_{13}^4 \Rightarrow 5 \cdot 191 \cdot 2411 \cdot 84093991 \cdot P_{36}, B_1 = 321$
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: $8447^6 \Rightarrow 3571 \cdot 43177 \cdot P_{16}, B_1 = 219$
10385: $P_{16}^2 \Rightarrow 31 \dots, D$
10386: $P_{16}^4 \Rightarrow 11 \dots, D$
10387: $P_{16}^6 \Rightarrow 7 \dots, D; q^{10}, B_3 = 342$
10389: $8447^{10} \Rightarrow 23 \cdot 2861 \cdot 171007 \cdot 269282504108399 \cdot P_{15}, B_1 = 266$
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: $8447^{12} \Rightarrow 131 \cdot 8191 \cdot 976639 \cdot 8537808787 \cdot p_{26}, B_1 = 290$
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: $8447^{18} \Rightarrow 229 \cdot 2303124559 \cdot P_{59}, B_1 = 361$
10398: $8447^{22} \Rightarrow 47 \cdot 829 \cdot n, B_1 = 326$
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: $1909021^2 \Rightarrow 7 \dots, D$
10404: $1909021^4 \Rightarrow 11 \dots, D$
10405: $1909021^6 \Rightarrow P_{38}, B_1 = 223$
10406: $P_{38}^2 \Rightarrow 3 \cdot 61 \cdot n, B_1 = 301; q^4, B_2 = 301$
10408: $1909021^{10} \Rightarrow 159457 \cdot 416263 \cdot 10777481419 \cdot P_{42}, B_1 = 299$
10409: $P_{42}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 383$
10411: $1909021^{12} \Rightarrow 79 \cdot 8243 \cdot 4470077 \cdot 163938481771551970367 \cdot P_{43}, B_1 = 336$
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: $457421^4 \Rightarrow 31 \dots, D$
10417: $457421^6 \Rightarrow 701 \cdot 32468123269 \cdot P_{21}, B_1 = 193$
10418: $P_{21}^2 \Rightarrow 13 \cdot 73 \cdot 313 \cdot 10099 \cdot P_{32}, B_1 = 273$
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: $P_{21}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 412$
10424: $457421^{10} \Rightarrow 661 \cdot 4754597 \cdot 140084304076289 \cdot 7431137157045977 \cdot P_{18}, B_1 = 261$
10425: $P_{18}^2 \Rightarrow 19 \dots, D$
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: $457421^{16} \Rightarrow 137 \cdot 1026427 \cdot 5609265269979845693561 \cdot P_{61}, B_1 = 363$
10432: $457421^{18} \Rightarrow 12949603 \cdot n, B_1 = 302$
10433: $457421^{22} \Rightarrow 47 \cdot 599 \cdot 691 \cdot n, B_1 = 347; q^{28}, B_2 = 316$
10435: $1117^6 \Rightarrow P_{19}, B_1 = 121$
10436: $P_{19}^2 \Rightarrow 3 \cdot 907 \cdot 1039 \cdot 584398351 \cdot 9023174851 \cdot 253514958703, B_1 = 194$
10437: $253514958703^2 \Rightarrow 3 \cdot 229 \cdot 289093741 \cdot 323602414939, B_1 = 238$
10438: $323602414939^2 \Rightarrow 3 \cdot 4456789 \cdot 5121463 \cdot 1529276941, B_1 = 285$
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: $253514958703^4 \Rightarrow 61 \cdot 761 \cdot 168890041 \cdot 60021459368851 \cdot P_{19}, B_1 = 308$
10446: $253514958703^6 \Rightarrow 29 \cdot 211 \cdot n, B_1 = 312$

10447: $253514958703^{10} \Rightarrow 463 \cdot n, B_1 = 402; q^{12}, B_3 = 308$
10449: $P_{19}^4 \Rightarrow 2022225361517539471 \cdot 2757723043860920801 \cdot P_{37}, B_1 = 304$
10450: $P_{19}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 365$
10452: $1117^{10} \Rightarrow 23 \cdot 353 \cdot 389687 \cdot 352536911 \cdot p_{13}, B_1 = 157$
10453: $p_{13}^1 \Rightarrow 3 \cdot 5 \cdot 17 \dots, S \ 3^2 \cdot 5^2 \cdot 13^{30} \cdot 17^2$
10454: $p_{13}^2 \Rightarrow 32089 \cdot P_{21}, B_1 = 207$
10455: $P_{21}^2 \Rightarrow 19 \dots, D$
10456: $P_{21}^4 \Rightarrow 31 \dots, D$
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: $p_{50}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 397$
10463: $p_{13}^6 \Rightarrow 43 \cdot 491 \cdot 6230981 \cdot P_{64}, B_1 = 356$
10464: $p_{13}^{10} \Rightarrow 11 \dots, D$
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: $p_{24}^1 \Rightarrow 7 \dots, D$
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: $P_{25}^2 \Rightarrow 3 \cdot 109 \cdot 313 \cdot 139467085267145595523 \cdot p_{25}, B_1 = 329$
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: $100913891963^4 \Rightarrow 11 \dots, D$
10490: $100913891963^6 \Rightarrow 43 \cdot n, B_1 = 359; q^{10}, B_3 = 336$
10492: $1117^{30} \Rightarrow 31 \dots, D$
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: $217138189^2 \Rightarrow 7 \dots, D$
10501: $217138189^4 \Rightarrow 11 \dots, D$
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: $56836159529^2 \Rightarrow 7 \dots, D$
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: $p_{30}^1 \Rightarrow 11 \dots, D$
10521: $p_{30}^2 \Rightarrow 19 \dots, D$
10522: $p_{30}^4 \Rightarrow 31 \dots, D$
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: $p_{14}^4 \Rightarrow 11 \dots, D$
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: $p_{50}^1 \Rightarrow 11 \dots, D$
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: $p_{26}^2 \Rightarrow 7 \dots, D$
10541: $p_{26}^4 \Rightarrow 11 \dots, D$
10542: $p_{26}^6, B_2 = 302$
10543: $p_{42}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 333$
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: $P_{20}^2 \Rightarrow 6630494924649985117 \cdot p_{20}, B_1 = 265$
10548: $p_{20}^2 \Rightarrow 31 \dots, D; q^4, B_3 = 305$
10550: $P_{20}^4 \Rightarrow 11 \dots, D$
10551: $P_{20}^6 \Rightarrow 239 \cdot n, B_1 = 383; q^{10}, B_2 = 384$
10553: $p_{36}^2 \Rightarrow 7 \dots, D$
10554: $p_{36}^4 \Rightarrow 31 \dots, D; q^6, B_2 = 428$
10556: $13^{52} \Rightarrow 107 \cdot 194723 \cdot 189541180943969 \cdot 8403659652641423 \cdot P_{21}, B_1 = 159$
10557: $P_{21}^2 \Rightarrow 7 \dots, D$
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: $P_{38}^2 \Rightarrow 7 \dots, D$
10564: $P_{38}^4, B_3 = 318$
10565: $p_{53}^2 \Rightarrow 19 \dots, D; q^4, B_2 = 419$
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: $P_{14}^2 \Rightarrow 19 \dots, D$
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: $P_{20}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 398$
10575: $13^{66} \Rightarrow 586079017 \cdot 1093561021297 \cdot 1195860242597359 \cdot p_{38}, B_1 = 182$
10576: $p_{38}^1 \Rightarrow 31 \dots, D$
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: $p_{65}^1 \Rightarrow 19 \dots, D$
10581: $p_{65}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 518$
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: $p_{82}^1 \Rightarrow 7 \dots, D; q^2, B_2 = 324$
10596: $13^{88} \Rightarrow 179 \cdot 9257 \cdot 716164560927079240026189379811 \cdot p_{62}, B_1 = 232$
10597: $p_{62}^1 \Rightarrow 7 \dots, D$
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: $13^{102} \Rightarrow 5563 \cdot 9577825183 \cdot$
 $299872566772439874463 \cdot 1493185475735966076741431 \cdot P_{56}, B_1 = 340$
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: $13^{126} \Rightarrow 5912867 \cdot 190421635185941 \cdot 115806724907473978817 \cdot p_{100}, B_1 = 321$
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: $3^4 \Rightarrow 11 \dots, D$
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: $613^2 \Rightarrow 7 \dots, D$
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: $p_{14}^2 \Rightarrow 19 \dots, D$
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: $p_{14}^{10} \Rightarrow 11 \dots, D; q^{12}, B_2 = 334$
10631: $955921051^4 \Rightarrow 5 \cdot 101 \cdot 191 \cdot 1238101 \cdot 34441858081 \cdot P_{15}, B_1 = 157$
10632: $P_{15}^2 \Rightarrow 13 \dots, D$
10633: $P_{15}^4 \Rightarrow 5 \cdot 991 \cdot 209958339012325788571 \cdot p_{34}, B_1 = 298$
10634: $p_{34}^2 \Rightarrow 19 \dots, D$
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: $955921051^6 \Rightarrow 7 \dots, D$
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: $53551^4 \Rightarrow 11 \dots, D$
10645: $53551^6 \Rightarrow 7 \dots, D$
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: $p_{23}^2 \Rightarrow 13 \dots, D$
10649: $p_{23}^4 \Rightarrow 11 \dots, D; q^6, B_3 = 318$
10651: $237959523803^4 \Rightarrow 31 \dots, D$
10652: $237959523803^6 \Rightarrow 7 \dots, D$
10653: $237959523803^{10} \Rightarrow 11 \dots, D$
10654: $237959523803^{12} \Rightarrow 13 \dots, D; q^{16}, B_2 = 364$
10656: $53551^{12} \Rightarrow 157 \cdot 22485581 \cdot 93150539 \cdot 4173211667 \cdot p_{30}, B_1 = 210$
10657: $p_{30}^2 \Rightarrow 127 \dots, D$
10658: $p_{30}^4 \Rightarrow 11 \dots, D; q^6, B_2 = 355$
10660: $53551^{16} \Rightarrow 17 \cdot 613 \cdot 1531 \cdot 2347 \cdot 93739 \cdot P_{61}, B_1 = 261$
10661: $P_{61}^2 \Rightarrow 31 \dots, D; q^4, B_2 = 480$
10663: $53551^{18} \Rightarrow 30211 \cdot 66110656219 \cdot 4837571035607 \cdot 118859495921827 \cdot p_{44}, B_1 = 295$
10664: $p_{44}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 381$
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: $p_{15}^2 \Rightarrow 7 \dots, D$
10673: $p_{15}^4 \Rightarrow 11 \dots, D$
10674: $p_{15}^6 \Rightarrow 11621 \cdot 4309453 \cdot 890196300145741 \cdot 1123230478063126392359 \cdot p_{40}, B_1 = 323$
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: $p_{34}^2 \Rightarrow 13 \dots, D$
10679: $p_{34}^4 \Rightarrow 11 \dots, D$

10680: $p_{34}^6, B_2 = 399$
10681: $312410911^6 \Rightarrow 7 \dots, D$
10682: $312410911^{10} \Rightarrow 23 \cdot 13729 \cdot 81973 \cdot 241363 \cdot 415690556091086790581 \cdot p_{49}, B_1 = 303$
10683: $312410911^{12} \Rightarrow 32969 \cdot 776311381 \cdot c_{89}, B_1 = 266$
10684: $776311381^2 \Rightarrow 3 \cdot 937 \cdot 6301 \cdot 34025270113, B_1 = 300$
10685: $776311381^4 \Rightarrow 5 \cdot n, B_1 = 320; q^6, B_3 = 301$
10687: $312410911^{16} \Rightarrow 103 \cdot n, B_1 = 322; q^{18}, B_2 = 305$
10689: $613^{10} \Rightarrow 2332903 \cdot 7221259 \cdot P_{15}, B_1 = 99$
10690: $P_{15}^2 \Rightarrow 29947 \cdot 136328481943 \cdot p_{14}, B_1 = 158$
10691: $p_{14}^2 \Rightarrow 7 \dots, D$
10692: $p_{14}^4 \Rightarrow 5 \cdot 151 \cdot 821 \cdot 2439901 \cdot 85058364431 \cdot p_{32}, B_1 = 294$
10693: $p_{32}^2 \Rightarrow 13 \dots, D$
10694: $p_{32}^4, B_3 = 358$
10695: $p_{14}^6 \Rightarrow 1734769 \cdot n, B_1 = 301$
10696: $p_{14}^{10} \Rightarrow 11 \dots, D; q^{12}, B_2 = 328$
10698: $P_{15}^4 \Rightarrow 46472672201 \cdot p_{48}, B_1 = 245$
10699: $p_{48}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 383$
10701: $P_{15}^6 \Rightarrow 953 \cdot 518766534174851929 \cdot p_{68}, B_1 = 333$
10702: $P_{15}^{10} \Rightarrow 11 \dots, D; q^{12}, B_2 = 351$
10704: $613^{12} \Rightarrow 15263 \cdot 42017 \cdot 18910643831 \cdot p_{15}, B_1 = 116$
10705: $p_{15}^2 \Rightarrow 7 \dots, D$
10706: $p_{15}^4 \Rightarrow 11 \dots, D$
10707: $p_{15}^6 \Rightarrow 52614451 \cdot p_{79}, B_1 = 346$
10708: $p_{15}^{10} \Rightarrow 881 \cdot n, B_1 = 377; q^{12}, B_2 = 344$
10710: $613^{16} \Rightarrow 17 \cdot 1123 \cdot 72504389 \cdot P_{33}, B_1 = 149$
10711: $P_{33}^2 \Rightarrow 37 \cdot 181 \cdot 6155257 \cdot 32401146637 \cdot 330761523395793757 \cdot p_{27}, B_1 = 279$
10712: $p_{27}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 331$
10714: $P_{33}^4 \Rightarrow 11 \dots, D; q^6, B_2 = 389$
10716: $613^{18} \Rightarrow 1103 \cdot 2053 \cdot 2538097 \cdot 728015095055701 \cdot p_{23}, B_1 = 166$
10717: $p_{23}^2 \Rightarrow 127 \dots, D$
10718: $p_{23}^4 \Rightarrow 11 \dots, D$
10719: $p_{23}^6 \Rightarrow n, B_1 = 391; q^{10}, B_2 = 451$
10721: $613^{22} \Rightarrow 47 \cdot 139 \cdot 25815256247831656853726042407 \cdot p_{30}, B_1 = 199$
10722: $p_{30}^2 \Rightarrow 3 \cdot 1723 \cdot P_{55}, B_1 = 315$
10723: $p_{30}^4 \Rightarrow 31 \dots, D; q^6, B_2 = 349$
10725: $613^{28} \Rightarrow 12413 \cdot 735731 \cdot 1561883 \cdot 17598941 \cdot p_{55}, B_1 = 249$
10726: $p_{55}^2 \Rightarrow 103 \cdot 883 \cdot n, B_1 = 364; q^4, B_2 = 437$
10728: $613^{30} \Rightarrow 1319968229962223 \cdot 305994918591696787 \cdot P_{52}, B_1 = 266$
10729: $P_{52}^2 \Rightarrow n, B_1 = 368; q^4, B_2 = 408$
10731: $613^{36} \Rightarrow 149 \cdot 33967 \cdot 1819217 \cdot$
 $135969176524063008383 \cdot 42021345032369001192936209 \cdot p_{42}, B_1 = 316$
10732: $613^{40} \Rightarrow 11659499 \cdot 23498413 \cdot P_{98}, B_1 = 350$
10733: $613^{42} \Rightarrow 3527 \cdot 1838269590887 \cdot 9264925569850335607 \cdot c_{83}, B_1 = 284$
10734: $P_{19}^2 \Rightarrow 3 \cdot n, B_1 = 322; q^4, B_3 = 322$
10736: $613^{46} \Rightarrow 659 \cdot 2633 \cdot 5863634991947 \cdot 2639395353650659 \cdot n, B_1 = 306$
10737: $613^{52} \Rightarrow n, B_1 = 305; q^{58}, B_2 = 323$
10739: $547^4 \Rightarrow 431 \cdot 208097431, B_1 = 38$
10740: $208097431^2 \Rightarrow 19 \dots, D$
10741: $208097431^4 \Rightarrow 11 \dots, D$
10742: $208097431^6 \Rightarrow 347509 \cdot p_{45}, B_1 = 171$
10743: $p_{45}^2 \Rightarrow 31 \dots, D; q^4, B_2 = 354$
10745: $208097431^{10} \Rightarrow 23 \cdot 2454343 \cdot 309378829 \cdot$
 $59282705621197061161181 \cdot p_{45}, B_1 = 271$
10746: $p_{45}^2 \Rightarrow n, B_1 = 360; q^4, B_3 = 360$

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: $547^6 \Rightarrow 7 \dots, D$
10753: $547^{10} \Rightarrow 23 \cdot 10847 \cdot p_{22}, B_1 = 88$
10754: $p_{22}^2 \Rightarrow 7 \dots, D$
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: $547^{12} \Rightarrow 13 \dots, D$
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: $p_{35}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 369$
10764: $p_{19}^4 \Rightarrow 491 \cdot n, B_1 = 340; q^6, B_3 = 300$
10766: $p_{23}^4 \Rightarrow 151 \cdot 331 \cdot 549208160109647488591 \cdot P_{64}, B_1 = 358$
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: $p_{50}^2 \Rightarrow 3 \cdot 3081128010533825683 \cdot c_{80}, B_1 = 270$
10771: $P_{19}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 307$
10773: $p_{50}^4, B_2 = 394$
10774: $547^{22} \Rightarrow 5070427577437 \cdot 6675101063687544353791 \cdot P_{26}, B_1 = 186$
10775: $P_{26}^2 \Rightarrow 473257 \cdot 1441885987 \cdot 2081320052221 \cdot P_{25}, B_1 = 289$
10776: $P_{25}^2 \Rightarrow 7 \dots, D$
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: $P_{37}^2 \Rightarrow 19 \dots, D; q^4, B_3 = 309$
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: $547^{36} \Rightarrow 109707531023 \cdot$
 $33060283677540575719 \cdot 414423057312410215657661737 \cdot p_{42}, B_1 = 301$
10787: $547^{40} \Rightarrow 83 \cdot 2953 \cdot 180073 \cdot 8827336081 \cdot 110682746381 \cdot$
 $11180314254562856114389 \cdot 4123042286159927681820505981 \cdot P_{29}, B_1 = 334$
10788: $547^{42} \Rightarrow 1291 \cdot 754651 \cdot 262192759 \cdot 2792520655311596913547 \cdot c_{77}, B_1 = 274$
10789: $P_{22}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 317$
10791: $547^{46} \Rightarrow 283 \cdot 45403 \cdot 378252138763 \cdot$
 $21727126147583729 \cdot 4008435602658133317197 \cdot P_{70}, B_1 = 383$
10792: $547^{52} \Rightarrow 107 \cdot 1809421 \cdot c_{135}, B_1 = 298$
10793: $1809421^2 \Rightarrow 13 \dots, D; q^4, B_3 = 311$
10795: $547^{58}, B_2 = 317$
10796: $1093^2 \Rightarrow 3 \cdot 398581, B_1 = 14$
10797: $398581^1 \Rightarrow 19 \dots, D$
10798: $398581^2 \Rightarrow 3 \cdot 1621 \cdot 32668561, B_1 = 34$ *see also line 11044*
10799: $32668561^1 \Rightarrow 19 \dots, D$
10800: $32668561^2 \Rightarrow 7 \dots, D$
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: $P_{17}^2 \Rightarrow 7 \dots, D$
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: $P_{20}^4 \Rightarrow 11 \dots, D$
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: $p_{24}^1 \Rightarrow 19 \dots, D$

- 10812: $p_{24}^2 \Rightarrow 13 \dots, D$
10813: $p_{24}^4 \Rightarrow 11 \dots, D$
10814: $p_{24}^6 \Rightarrow 127 \dots, D; q^{10}, B_2 = 463$
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: $32668561^{12} \Rightarrow 1847 \cdot 3797 \cdot 65287 \cdot 115885814328467 \cdot$
 $2675809021617771196805455621061 \cdot P_{35}, B_1 = 266$
10820: $P_{35}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 334$
10822: $32668561^{16} \Rightarrow 17 \cdot 784789 \cdot 269695222144919 \cdot P_{99}, B_1 = 381$
10823: $32668561^{18} \Rightarrow 177917 \cdot 210206392465861950377 \cdot n, B_1 = 302; q^{22}, B_2 = 330$
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: $p_{18}^2 \Rightarrow 7 \dots, D$
10831: $p_{18}^4, B_3 = 310$
10832: $P_{20}^4 \Rightarrow 11 \dots, D$
10833: $P_{20}^6 \Rightarrow 7 \dots, D$
10834: $P_{20}^{10}, B_2 = 382$
10835: $p_{20}^2 \Rightarrow 13 \dots, D$
10836: $p_{20}^4 \Rightarrow 11 \dots, D$
10837: $p_{20}^6 \Rightarrow 7 \dots, D$
10838: $p_{20}^{10}, B_2 = 388$
10839: $128493601339^4 \Rightarrow 11 \dots, D$
10840: $128493601339^6 \Rightarrow 43 \cdot 34847 \cdot 2461278597 \cdot p_{51}, B_1 = 264$
10841: $p_{51}^1 \Rightarrow 19 \dots, D$
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: $P_{16}^4 \Rightarrow 11 \dots, D$
10847: $P_{16}^6 \Rightarrow 127 \dots, D; q^{10}, B_2 = 308$
10849: $398581^6 \Rightarrow 7 \dots, D$
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: $398581^{12} \Rightarrow 13 \dots, D$
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: $p_{59}^2 \Rightarrow 19 \dots, D; q^4, B_2 = 466$
10861: $398581^{18} \Rightarrow 229 \cdot 41427083410945783314307399 \cdot$
 $57383249149514075340063499 \cdot P_{48}, B_1 = 309$
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: $1093^4 \Rightarrow 11 \dots, D$
10867: $1093^6 \Rightarrow 7 \dots, D$
10868: $1093^{10} \Rightarrow 23 \cdot 6491 \cdot 2608387 \cdot p_{19}, B_1 = 75$
10869: $p_{19}^1 \Rightarrow 13 \dots, D$
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: $P_{19}^4 \Rightarrow 11 \dots, D$
10876: $P_{19}^6 \Rightarrow n, B_1 = 378; q^{10}, B_2 = 362$
10878: $p_{30}^2 \Rightarrow 7 \dots, D$
10879: $p_{30}^4 \Rightarrow 11 \dots, D; q^6, B_2 = 350$
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: $1093^{12} \Rightarrow 13 \dots, D$
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: $p_{18}^2 \Rightarrow 7 \dots, D$
10891: $p_{18}^4 \Rightarrow 131 \cdot 318127044210900149601195232331 \cdot p_{40}, B_1 = 363$
10892: $p_{18}^6 \Rightarrow n, B_1 = 363; q^{10}, B_2 = 357$
10894: $p_{37}^2 \Rightarrow 7 \dots, D$
10895: $p_{37}^4 \Rightarrow n, B_1 = 357; q^6, B_2 = 441$
10897: $1093^{18} \Rightarrow 7076597938951485524293843 \cdot p_{30}, B_1 = 137$
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: $P_{16}^4 \Rightarrow 11 \dots, D$
10902: $P_{16}^6, B_3 = 305$
10903: $253541934287^4 \Rightarrow 11 \dots, D$
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: $p_{30}^2 \Rightarrow 7 \dots, D$
10908: $p_{30}^4 \Rightarrow 31 \dots, D; q^6, B_2 = 358$
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: $p_{63}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 500$
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: $p_{64}^1 \Rightarrow 11 \dots, D$
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: $2075273^2 \Rightarrow 7 \dots, D$
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: $14755191029^2 \Rightarrow 31 \dots, D$
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: $18061^1 \Rightarrow 11 \dots, D$
10934: $18061^2 \Rightarrow 19 \dots, D$
10935: $18061^4 \Rightarrow 5 \cdot 15361 \cdot p_{13}, B_1 = 292$
10936: $p_{13}^1 \Rightarrow 19 \dots, D; q^2, B_3 = 300$
10938: $18061^6 \Rightarrow 7 \dots, D$
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: $3851^2 \Rightarrow 13 \dots, D$
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: $20857^2 \Rightarrow 7 \dots, D$
10949: $20857^4 \Rightarrow 71 \cdot 151 \cdot 181 \dots, S \ 3^{10} \cdot 5^2 \cdot 23^2 \cdot 71^2 \cdot 151^2 \cdot 181^2 \cdot 229^2$
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: $p_{34}^2 \Rightarrow 13 \dots, D$
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: $20857^{10} \Rightarrow 11 \dots, D$
10957: $20857^{12} \Rightarrow 53 \cdot 5279 \cdot 3757807 \cdot p_{40}, B_1 = 220$
10958: $p_{40}^2 \Rightarrow 7 \dots, D$
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: $p_{18}^2 \Rightarrow 7 \dots, D$
10972: $p_{18}^4 \Rightarrow 5 \cdot 3691 \cdot 10611871 \cdot 48909982021 \cdot 1257039902431 \cdot P_{38}, B_1 = 282$
10973: $P_{38}^2 \Rightarrow 7 \dots, D$
10974: $P_{38}^4, B_3 = 356$
10975: $p_{18}^6 \Rightarrow 224267 \cdot 17638391 \cdot c_{95}, B_1 = 296$
10976: $17638391^2 \Rightarrow 19 \dots, D$
10977: $17638391^4, B_3 = 310$
10978: $p_{18}^{10}, B_2 = 356$
10979: $127189^6 \Rightarrow 29 \dots, S \ 3^{10} \cdot 5^2 \cdot 23^2 \cdot 29^2$
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: $p_{52}^2 \Rightarrow 3 \cdot 67 \dots, S \ 3^{10} \cdot 5^2 \cdot 23^2 \cdot 53^2 \cdot 67^2$
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: $2289401^2 \Rightarrow 7 \dots, D$
10995: $2289401^4 \Rightarrow 11 \dots, D$
10996: $2289401^6 \Rightarrow 29 \cdot 631 \cdot 701 \cdot 228932757124429 \cdot p_{17}, B_1 = 135$
10997: $p_{17}^1 \Rightarrow 17 \dots, S \ 3^{10} \cdot 5^2 \cdot 17^2 \cdot 23^2$
10998: $p_{17}^2 \Rightarrow 13 \dots, D$
10999: $p_{17}^4 \Rightarrow 16061 \cdot 2866441 \cdot p_{57}, B_1 = 263$
11000: $p_{57}^1 \Rightarrow 23 \dots, S \ 3^{10} \cdot 5^2 \cdot 23^2 \cdot 29^2$
11001: $p_{57}^2, B_3 = 304$
11002: $p_{17}^6 \Rightarrow 7 \dots, D$

11003: $p_{17}^{10}, B_2 = 333$
11004: $2289401^{10} \Rightarrow 23 \cdot 186049117 \cdot p_{54}, B_1 = 171$
11005: $p_{54}^1 \Rightarrow 7 \dots, D$
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: $p_{27}^1 \Rightarrow 7 \dots, D$
11010: $p_{27}^2 \Rightarrow 3 \cdot 73 \cdot n, B_1 = 305; q^4, B_3 = 303$
11012: $2289401^{16} \Rightarrow 307 \cdot 4931 \cdot 480510271 \cdot 2861144664048463215991 \cdot p_{66}, B_1 = 277$
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: $3851^6 \Rightarrow 7 \dots, D$
11019: $3851^{10} \Rightarrow 11 \dots, D$
11020: $3851^{12} \Rightarrow 131 \cdot 84449 \cdot P_{36}, B_1 = 131$
11021: $P_{36}^2 \Rightarrow 7 \dots, D$
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: $P_{59}^2 \Rightarrow 13 \dots, D; q^4, B_2 = 469$
11030: $3851^{22} \Rightarrow 6329417 \cdot 161024482091113 \cdot 241901198286204829 \cdot p_{41}, B_1 = 203$
11031: $p_{41}^1 \Rightarrow 7 \dots, D$
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: $3851^{30} \Rightarrow 187760474932424885971 \cdot 11122890549319606949752235251 \cdot p_{60}, B_1 = 270$
11037: $p_{60}^1 \Rightarrow 127 \dots, D; q^2, B_3 = 330$
11039: $3851^{36} \Rightarrow 223 \cdot 10747148361067 \cdot 15587041224281 \cdot$
 $2102593067704457 \cdot 1799735279701922538799 \cdot P_{64}, B_1 = 379$
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: $32668561^2 \Rightarrow 7 \dots, D$
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: $P_{17}^2 \Rightarrow 7 \dots, D$
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: $P_{20}^4 \Rightarrow 11 \dots, D$
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: $p_{24}^2 \Rightarrow 13 \dots, D$
11057: $p_{24}^4 \Rightarrow 11 \dots, D$
11058: $p_{24}^6 \Rightarrow 127 \dots, D; q^{10}, B_2 = 463$
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: $32668561^{12} \Rightarrow 1847 \cdot 3797 \cdot 65287 \cdot 115885814328467 \cdot$
 $2675809021617771196805455621061 \cdot P_{35}, B_1 = 299$
11064: $P_{35}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 367$
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: $p_{20}^2 \Rightarrow 13 \dots$, D
11073: $p_{20}^4 \Rightarrow 11 \dots$, D
11074: $p_{20}^6 \Rightarrow 7 \dots$, D
11075: p_{20}^{10} , $B_2 = 388$
11076: $128493601339^4 \Rightarrow 11 \dots$, 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: $P_{16}^4 \Rightarrow 11 \dots$, D
11082: $P_{16}^6 \Rightarrow 127 \dots$, D ; q^{10} , $B_2 = 308$
11084: $398581^6 \Rightarrow 7 \dots$, 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: $398581^{12} \Rightarrow 13 \dots$, D
11089: $398581^{16} \Rightarrow 443 \cdot 1477666963 \cdot 34407390776872952533 \cdot p_{59}$, $B_1 = 280$
11090: $p_{59}^2 \Rightarrow 19 \dots$, D ; q^4 , $B_2 = 466$
11092: $398581^{18} \Rightarrow 229 \cdot 41427083410945783314307399 \cdot$
 $57383249149514075340063499 \cdot P_{48}$, $B_1 = 314$
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: $p_{19}^2 \Rightarrow 19 \dots$, D
11102: $p_{19}^4 \Rightarrow 101 \cdot 5581 \cdot p_{70}$, $B_1 = 316$
11103: $p_{19}^6 \Rightarrow 7 \dots$, D ; q^{10} , $B_2 = 374$
11105: $P_{13}^4 \Rightarrow 101 \cdot 661 \cdot 46601 \cdot p_{40}$, $B_1 = 203$
11106: $p_{40}^2 \Rightarrow 7 \dots$, D ; q^4 , $B_2 = 318$
11108: $P_{13}^6 \Rightarrow 43 \cdot 673 \cdot 362014591 \cdot p_{61}$, $B_1 = 274$
11109: $p_{61}^2 \Rightarrow 13 \dots$, 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: $p_{13}^2 \Rightarrow 31 \dots$, D
11115: $p_{13}^4 \Rightarrow 11 \dots$, D
11116: $p_{13}^6 \Rightarrow 127 \dots$, 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: $P_{13}^2 \Rightarrow 13 \dots$, D
11122: $P_{13}^4 \Rightarrow 11 \dots$, D
11123: $P_{13}^6 \Rightarrow 967 \cdot 227893 \cdot 3622081 \cdot 212517284197 \cdot 166373459869982416031 \cdot p_{28}$, $B_1 = 324$
11124: $P_{13}^{10} \Rightarrow n$, $B_1 = 348$
11125: $P_{13}^{12} \Rightarrow n$, $B_1 = 397$; q^{16} , $B_2 = 391$
11127: $p_{16}^2 \Rightarrow 19 \dots$, D
11128: $p_{16}^4 \Rightarrow 31 \dots$, 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: $p_{16}^2 \Rightarrow 7 \dots$, D

11134: $p_{16}^4 \Rightarrow 11 \dots, D$
11135: $p_{16}^6 \Rightarrow n, B_1 = 330; q^{10}, B_2 = 302$
11137: $p_{23}^2 \Rightarrow 19 \dots, D$
11138: $p_{23}^4 \Rightarrow 211 \cdot 8101 \cdot 513511 \cdot 131194841 \cdot 147700651411 \cdot n, B_1 = 313$
11139: $p_{23}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 441$
11141: $22996651^{10} \Rightarrow 23 \cdot 67 \cdot 1013 \cdot 334093 \cdot 776632319 \cdot 8090452136779 \cdot p_{41}, B_1 = 206$
11142: $p_{41}^1 \Rightarrow 5 \dots, S \ 3^{12} \cdot 5^2 \cdot 23^2 \cdot 61^2 \cdot 67^2$
11143: $p_{41}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 320$
11145: $22996651^{12} \Rightarrow 79 \cdot 868817 \cdot 22772805657367475971 \cdot p_{62}, B_1 = 229$
11146: $p_{62}^1 \Rightarrow 7 \dots, D$
11147: $p_{62}^2 \Rightarrow 163 \cdot n, B_1 = 409; q^4, B_2 = 489$
11149: $22996651^{16} \Rightarrow 239 \cdot 271012811 \cdot 399929489 \cdot 4305505681 \cdot c_{89}, B_1 = 280$
11150: $4305505681^1 \Rightarrow 389 \cdot 5534069, B_1 = 299$
11151: $5534069^2 \Rightarrow 7 \dots, D; q^4, B_3 = 312$
11153: $4305505681^2 \Rightarrow 13 \dots, D; q^4, B_3 = 300$
11155: $22996651^{18} \Rightarrow 19 \dots, D; q^{22}, B_2 = 323$
11157: $797161^4 \Rightarrow 5 \cdot 2671 \cdot 178601 \cdot P_{15}, B_1 = 71$
11158: $P_{15}^2 \Rightarrow 31 \dots, D$
11159: $P_{15}^4 \Rightarrow 11 \dots, D$
11160: $P_{15}^6 \Rightarrow 10487 \cdot 19853 \cdot P_{78}, B_1 = 298$
11161: $P_{78}^2, B_2 = 308$
11162: $P_{15}^{10} \Rightarrow 23 \cdot n, B_1 = 328; q^{12}, B_2 = 341$
11164: $797161^6 \Rightarrow 7 \dots, D$
11165: $797161^{10} \Rightarrow 23^2 \cdot 67 \cdot 9791 \cdot 75252409 \cdot P_{43}, B_1 = 172$
11166: $P_{43}^2 \Rightarrow 3 \cdot 18083059 \cdot 416658829635806796352417 \cdot p_{54}, B_1 = 295$
11167: $p_{54}^1 \Rightarrow 19 \dots, D; q^2, B_3 = 325$
11169: $P_{43}^4, B_2 = 340$
11170: $797161^{12} \Rightarrow 13 \dots, D$
11171: $797161^{16} \Rightarrow 222818046947225594533606039301 \cdot p_{66}, B_1 = 223$
11172: $p_{66}^1 \Rightarrow 29 \cdot 8331612343 \cdot n, B_1 = 300$
11173: $p_{66}^2 \Rightarrow 3 \cdot n, B_1 = 389; q^4, B_2 = 520$
11175: $797161^{18} \Rightarrow 2281 \cdot 4903 \cdot 185707 \cdot 20505409 \cdot 57739983535431809 \cdot P_{70}, B_1 = 307$
11176: $797161^{22} \Rightarrow 9431 \cdot 2833279 \cdot c_{120}, B_1 = 275$
11177: $2833279^2 \Rightarrow 3 \cdot 79 \cdot 139 \cdot 243677647, B_1 = 300$
11178: $2833279^4 \Rightarrow 11 \dots, D; q^6, B_3 = 301$
11180: $797161^{28}, B_2 = 330$
11181: $3^{16} \Rightarrow 1871 \cdot 34511, B_1 = 23$
11182: $34511^2 \Rightarrow 19 \dots, D$
11183: $34511^4 \Rightarrow 11 \dots, D$
11184: $34511^6 \Rightarrow 7 \dots, D$
11185: $34511^{10} \Rightarrow 87573858439 \cdot P_{35}, B_1 = 150$
11186: $P_{35}^2 \Rightarrow 3 \cdot 382700557 \cdot P_{60}, B_1 = 278$
11187: $P_{60}^2 \Rightarrow 13 \dots, D; q^4, B_2 = 478$
11189: $P_{35}^4 \Rightarrow n, B_1 = 356; q^6, B_2 = 413$
11191: $34511^{12} \Rightarrow 79 \cdot P_{53}, B_1 = 177$
11192: $P_{53}^2 \Rightarrow 3 \cdot 2551 \cdot p_{102}, B_1 = 285$
11193: $p_{102}^1 \Rightarrow 5 \cdot n, B_1 = 387; q^2, B_2 = 404$
11195: $P_{53}^4, B_2 = 420$
11196: $34511^{16} \Rightarrow 17 \cdot 468717183488261171349569 \cdot p_{48}, B_1 = 184$
11197: $p_{48}^1 \Rightarrow 5^2 \cdot 23 \dots, S \ 3^{16} \cdot 5^2 \cdot 17^2 \cdot 23^2$
11198: $p_{48}^2 \Rightarrow 3 \cdot 37 \cdot n, B_1 = 304; q^4, B_2 = 381$
11200: $34511^{18} \Rightarrow 229 \cdot 3132379 \cdot 749404317097408510110886774859263 \cdot p_{40}, B_1 = 219$
11201: $p_{40}^1 \Rightarrow 1409 \cdot 20551 \cdot 182969653 \cdot P_{24}, B_1 = 298$
11202: $P_{24}^2 \Rightarrow 13 \dots, D; q^4, B_3 = 346$

11204: $p_{40}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 336$
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: $118058913923^2 \Rightarrow 19 \dots, D; q^4, B_3 = 319$
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: $852460489981^2 \Rightarrow 7 \dots, D$
11220: $852460489981^4 \Rightarrow 31 \dots, D$
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: $852460489981^{10} \Rightarrow 11 \dots, D$
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: $p_{21}^4 \Rightarrow 11 \dots, D$
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: $P_{17}^2 \Rightarrow 19 \dots, D$
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: $p_{17}^2 \Rightarrow 13 \dots, D$
11242: $p_{17}^4 \Rightarrow 5 \cdot 118917331605448191147851 \cdot P_{43}, B_1 = 335$
11243: $p_{17}^6 \Rightarrow 7 \dots, D$
11244: $p_{17}^{10}, B_2 = 330$
11245: $1599181^{10} \Rightarrow 11 \dots, D$
11246: $1599181^{12} \Rightarrow 2825453523806937432307719367 \cdot P_{47}, B_1 = 283$
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: $14833963^2 \Rightarrow 7 \dots, D$
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: $126860821^2 \Rightarrow 13 \dots, D$
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: $P_{19}^4 \Rightarrow 11 \dots, D$
11265: $P_{19}^6 \Rightarrow n, B_1 = 349; q^{10}, B_2 = 369$
11267: $P_{14}^4 \Rightarrow 11 \dots, D$
11268: $P_{14}^6 \Rightarrow 7 \dots, D$
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: $P_{29}^2 \Rightarrow 13 \dots, D$
11273: $P_{29}^4 \Rightarrow 11 \dots, D$
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: $926659^{16} \Rightarrow 12395041 \cdot 3082032099281 \cdot$
 $4102963575709178275009 \cdot 262466656108132827349241 \cdot p_{31}, B_1 = 323$
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: $207326893^2 \Rightarrow 7 \dots, D$
11286: $207326893^4, B_3 = 309$
11287: $3619843^4 \Rightarrow 31 \dots, D$
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: $71941^2 \Rightarrow 19 \dots, D$
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: $P_{14}^2 \Rightarrow 7 \dots, D$
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: $p_{20}^2 \Rightarrow 19 \dots, D$
11305: $p_{20}^4 \Rightarrow 11 \dots, D$
11306: $p_{20}^6 \Rightarrow 43 \cdot n, B_1 = 416; q^{10}, B_2 = 384$
11308: $18813315461^6 \Rightarrow 7625525686807334323045244329 \cdot P_{34}, B_1 = 288$
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: $P_{14}^2 \Rightarrow 31 \dots, D$
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: $P_{14}^6 \Rightarrow 127 \dots, D$
11320: $P_{14}^{10} \Rightarrow 11 \dots, D$
11321: $P_{14}^{12}, B_2 = 314$
11322: $71941^{10} \Rightarrow 11 \dots, D$
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: $36389^6 \Rightarrow 29 \cdot 43 \cdot 71 \dots, S \ 3^{18} \cdot 5^2 \cdot 29^2 \cdot 43^2 \cdot 71^2$
11333: $36389^{10} \Rightarrow 11 \dots, D$
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: $P_{30}^2 \Rightarrow 7 \dots, D$
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: $41969^2 \Rightarrow 7 \dots, D$
11354: $41969^4 \Rightarrow 11 \dots, D$
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: $p_{26}^2 \Rightarrow 7 \dots, D$
11358: $p_{26}^4, B_3 = 317$
11359: $P_{28}^4 \Rightarrow 11 \dots, D$
11360: $P_{28}^6, B_2 = 332$
11361: $41969^{10} \Rightarrow 419 \cdot 1892507 \cdot P_{38}, B_1 = 217$
11362: $P_{38}^2 \Rightarrow 127 \dots, D$
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: $p_{28}^2 \Rightarrow 7 \dots, D$
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: $599737009^2 \Rightarrow 7 \dots, D$
11375: $599737009^4 \Rightarrow 11 \dots, D$
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: $p_{32}^2 \Rightarrow 13 \dots, D$
11382: $p_{32}^4 \Rightarrow 31 \dots, D; q^6, B_2 = 377$
11384: $599737009^{10} \Rightarrow 23 \cdot 419 \cdot c_{84}, B_1 = 238$
11385: $419^2 \Rightarrow 13 \dots, D$
11386: $419^4 \Rightarrow 31 \dots, D$
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: $419^{10} \Rightarrow 11 \dots, D$
11391: $419^{12} \Rightarrow 11987 \cdot n, B_1 = 300$
11392: $419^{16} \Rightarrow n, B_1 = 317$
11393: $419^{18} \Rightarrow 19 \dots, D$
11394: $419^{22} \Rightarrow n, B_1 = 348; q^{28}, B_3 = 306$
11396: $599737009^{12} \Rightarrow 13 \dots, D$
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: $16020797851^2 \Rightarrow 7 \dots, D$
11401: $16020797851^4 \Rightarrow 11 \dots, D$
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: $p_{62}^2 \Rightarrow 13 \dots, D$
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: $p_{20}^2 \Rightarrow 7 \dots, D$
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: $P_{50}^2 \Rightarrow 19 \dots, D; q^4, B_2 = 399$
11418: $p_{25}^4 \Rightarrow 11 \dots, D$
11419: $p_{25}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 498$
11421: $377011^{10} \Rightarrow 23 \cdot 727 \cdot 68392523 \cdot P_{44}, B_1 = 211$
11422: $P_{44}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 349$
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: $p_{32}^1 \Rightarrow 13 \dots, D$
11430: $p_{32}^2, B_3 = 302$
11431: $377011^{18} \Rightarrow 419 \cdot 253154329 \cdot c_{90}, B_1 = 250$
11432: $253154329^1 \Rightarrow 11 \dots, D$
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: $253154329^6 \Rightarrow 7 \dots, D; q^{10}, B_3 = 323$
11439: $377011^{22} \Rightarrow 47 \cdot 11731 \cdot 115001 \cdot 108262122699406056767 \cdot n, B_1 = 318; q^{28}, B_2 = 312$
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: $5615587^2 \Rightarrow 13 \dots, D$
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: $222568976723^2 \Rightarrow 7 \dots, D$
11448: $222568976723^4 \Rightarrow 11 \dots, D; q^6, B_3 = 301$
11450: $p_{17}^2 \Rightarrow 7 \dots, D$
11451: $p_{17}^4 \Rightarrow 11 \dots, D$
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: $p_{34}^1 \Rightarrow 13 \dots, D$
11476: $p_{34}^2 \Rightarrow 19 \dots, D$
11477: $p_{34}^4, B_3 = 310$
11478: $P_{21}^4 \Rightarrow 11 \dots, D$
11479: $P_{21}^6 \Rightarrow 7 \dots, D$
11480: $P_{21}^{10}, B_2 = 401$
11481: $989955251^6 \Rightarrow 113 \cdot 4957 \cdot p_{49}, B_1 = 173$
11482: $p_{49}^1 \Rightarrow 11 \dots, D$
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: $1560529^2 \Rightarrow 13 \dots, D$
11496: $1560529^4 \Rightarrow 11 \dots, D$
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: $p_{21}^4 \Rightarrow 11 \dots, D$
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: $3121057^2 \Rightarrow 7 \dots, D$
11508: $3121057^4 \Rightarrow 11 \dots, D$
11509: $3121057^6 \Rightarrow 127 \dots, D$
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: $225751^4 \Rightarrow 11 \dots, D$
11517: $225751^6 \Rightarrow 7 \dots, D$
11518: $225751^{10} \Rightarrow 23 \cdot 10266250369 \cdot 9477665482591511437 \cdot P_{24}, B_1 = 250$
11519: $P_{24}^2 \Rightarrow 7 \dots, D$
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: $36551^2 \Rightarrow 7 \dots, D$
11528: $36551^4 \Rightarrow 11 \dots, D$

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: $1371511^4 \Rightarrow 11 \dots, D$
11535: $1371511^6 \Rightarrow 7 \dots, D$
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: $p_{43}^2 \Rightarrow 13 \dots, D; q^4, B_3 = 347$
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: $1371511^{16} \Rightarrow 103 \cdot 32233 \cdot 6164959573601 \cdot 51610796919065647268207 \cdot p_{57}, B_1 = 321$
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: $p_{21}^1 \Rightarrow 31 \dots, D$
11549: $p_{21}^2 \Rightarrow 7 \dots, D$
11550: $p_{21}^4 \Rightarrow 5 \cdot 13440181 \cdot 1293856671691 \cdot 1283464931841239629772431 \cdot p_{37}, B_1 = 297$
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: $p_{38}^1 \Rightarrow 127 \dots, D$
11564: $p_{38}^2 \Rightarrow 31 \dots, D; q^4, B_2 = 303$
11566: $1063^{18} \Rightarrow 10487680421 \cdot 51689284541 \cdot p_{34}, B_1 = 171$
11567: $p_{34}^1 \Rightarrow 7 \dots, D$
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: $P_{31}^2 \Rightarrow 3 \cdot 61 \cdot 25717 \cdot 35377501285092295603 \cdot p_{34}, B_1 = 326$
11573: $P_{31}^4 \Rightarrow 11 \dots, D; q^6, B_2 = 360$
11575: $1063^{28} \Rightarrow 151972717951 \cdot P_{74}, B_1 = 292$
11576: $P_{74}^2 \Rightarrow 31 \dots, D; q^4, B_2 = 588$
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: $P_{14}^2 \Rightarrow 13 \dots, D$
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: $1063^{42} \Rightarrow 9820755412156809160567963967 \cdot n, B_1 = 320$
11585: $1063^{46} \Rightarrow n, B_1 = 316; q^{52}, B_2 = 314$
11587: $363889^4 \Rightarrow 11 \dots, D$
11588: $363889^6 \Rightarrow 7 \dots, D$
11589: $363889^{10} \Rightarrow 23^2 \cdot 331 \cdot 15872245247 \cdot P_{41}, B_1 = 175$
11590: $P_{41}^2 \Rightarrow 19 \dots, D; q^4, B_2 = 321$
11592: $363889^{12} \Rightarrow 53 \cdot 18219371 \cdot 44671538238653 \cdot 121495592320552579793 \cdot P_{25}, B_1 = 195$
11593: $P_{25}^2 \Rightarrow 7 \dots, D$
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: $p_{32}^1 \Rightarrow 7 \dots, D$
11599: $p_{32}^2 \Rightarrow 19 \dots, D; q^4, B_3 = 339$
11601: $363889^{18} \Rightarrow 19 \dots, D$
11602: $363889^{22} \Rightarrow 31649 \cdot 550271635685454468899 \cdot c_{98}, B_1 = 280$
11603: $P_{21}^2 \Rightarrow 13 \dots, D; q^4, B_3 = 321$
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: $39987067^2 \Rightarrow 13 \dots, D$
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: $29965357699^2 \Rightarrow 7 \dots, D$
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: $39987067^6 \Rightarrow 7 \dots, D$
11621: $39987067^{10} \Rightarrow 23 \cdot 9670057 \cdot 791329661 \cdot 98938128133287512521 \cdot P_{39}, B_1 = 358$
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: $P_{33}^2 \Rightarrow 7 \dots, D$
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: $p_{44}^4 \Rightarrow 31 \dots, D; q^4, B_2 = 348$
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: $6578839^4 \Rightarrow 11 \dots, D$
11641: $6578839^6 \Rightarrow 7 \dots, D$
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: $3571^2 \Rightarrow 13 \dots, D; q^4, B_3 = 304$
11650: $103^4 \Rightarrow 11 \dots, D$
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: $p_{30}^1 \Rightarrow 13 \dots, D$
11659: $p_{30}^2 \Rightarrow 3 \cdot 25117 \cdot p_{56}, B_1 = 288$
11660: $p_{56}^1 \Rightarrow 11 \dots, D; q^2, B_3 = 336$
11662: $p_{30}^4 \Rightarrow 11 \dots, D$
11663: $p_{30}^6, B_2 = 359$
11664: $P_{24}^4 \Rightarrow 11 \dots, D$

- 11665: $P_{24}^6 \Rightarrow n, B_1 = 361; q^{10}, B_2 = 466$
11667: $p_{17}^4 \Rightarrow 11 \dots, D$
11668: $p_{17}^6 \Rightarrow 99217850582830248547065607 \cdot p_{72}, B_1 = 256$
11669: $p_{72}^1 \Rightarrow 43 \cdot n, B_1 = 328; q^2, B_3 = 325$
11671: $p_{17}^{10}, B_2 = 324$
11672: $1001523179^4 \Rightarrow 181 \cdot 1099298734488491 \cdot P_{19}, B_1 = 119$
11673: $P_{19}^2 \Rightarrow 7 \dots, D$
11674: $P_{19}^4 \Rightarrow 5 \cdot 37501 \cdot 31299392497173527281 \cdot p_{51}, B_1 = 258$
11675: $p_{51}^1 \Rightarrow 3 \cdot n, B_1 = 308$
11676: $p_{51}^2 \Rightarrow 7 \dots, D$
11677: $p_{51}^4, B_2 = 400$
11678: $P_{19}^6 \Rightarrow 127 \dots, D; q^{10}, B_2 = 374$
11680: $1001523179^6 \Rightarrow 421 \cdot 2464419019796363687 \cdot P_{33}, B_1 = 173$
11681: $P_{33}^2 \Rightarrow 163 \cdot 390721 \cdot 6050130041152489 \cdot 10988965838620369927 \cdot p_{24}, B_1 = 284$
11682: $p_{24}^1 \Rightarrow 613 \cdot n, B_1 = 310$
11683: $p_{24}^2 \Rightarrow 19 \dots, D; q^4, B_3 = 338$
11685: $P_{33}^4 \Rightarrow 11 \dots, D; q^6, B_2 = 395$
11687: $1001523179^{10} \Rightarrow 23629 \cdot 34519 \cdot 593268017 \cdot 187051793464801 \cdot 439409519511359 \cdot p_{44}, B_1 = 240$
11688: $p_{44}^1 \Rightarrow 37 \cdot 103 \cdot P_{40}, B_1 = 326$
11689: $p_{44}^2 \Rightarrow 13 \dots, D; q^4, B_3 = 356$
11691: $1001523179^{12} \Rightarrow 6136547 \cdot 91551857004271 \cdot 807813012557149 \cdot c_{73}, B_1 = 250$
11692: $p_{15}^1 \Rightarrow 5^2 \cdot 935813 \cdot 17264411, B_1 = 278$
11693: $17264411^2 \Rightarrow 37 \cdot 1213 \cdot 3547 \cdot 1872319, B_1 = 307$
11694: $17264411^4 \Rightarrow 5 \cdot n, B_1 = 322; q^6, B_3 = 307$
11696: $p_{15}^2 \Rightarrow 7 \dots, D$
11697: $p_{15}^4 \Rightarrow 11 \dots, D; q^6, B_3 = 325$
11699: $1001523179^{16} \Rightarrow 239 \cdot n, B_1 = 304; q^{18}, B_2 = 324$
11701: $3^{28} \Rightarrow 59 \cdot 28537 \cdot 20381027, B_1 = 35$
11702: $20381027^2 \Rightarrow 7 \dots, D$
11703: $20381027^4 \Rightarrow p_{30}, B_1 = 84$
11704: $p_{30}^1 \Rightarrow 8599579 \cdot 93469471 \cdot p_{15}, B_1 = 142$
11705: $p_{15}^2 \Rightarrow 7 \dots, D$
11706: $p_{15}^4 \Rightarrow 9083411 \cdot 12859031 \cdot 248531574771551 \cdot P_{28}, B_1 = 282$
11707: $P_{28}^2 \Rightarrow 3 \cdot n, B_1 = 337; q^4, B_3 = 337$
11709: $p_{15}^6 \Rightarrow 617 \cdot 3329761 \cdot 534239119 \cdot n, B_1 = 300$
11710: $p_{15}^{10} \Rightarrow 11 \dots, D; q^{12}, B_2 = 336$
11712: $p_{30}^2 \Rightarrow 19 \dots, D$
11713: $p_{30}^4 \Rightarrow 5 \cdot 1901 \cdot 2940027031 \cdot 10564674611 \cdot p_{94}, B_1 = 312; q^6, B_2 = 350$
11715: $20381027^6 \Rightarrow 43 \cdot 463 \cdot 3557 \cdot 351023 \cdot 837313 \cdot 478880543 \cdot p_{16}, B_1 = 141$
11716: $p_{16}^1 \Rightarrow 3 \cdot 1034879 \cdot 1158061627, B_1 = 171$
11717: $1158061627^2 \Rightarrow 7 \dots, D$
11718: $1158061627^4 \Rightarrow 300581 \cdot 176771523631 \cdot P_{20}, B_1 = 262$
11719: $P_{20}^2 \Rightarrow 3 \cdot n, B_1 = 300; q^4, B_3 = 301$
11721: $1158061627^6 \Rightarrow 29 \cdot 3511271 \cdot 42887513411 \cdot p_{36}, B_1 = 316$
11722: $1158061627^{10} \Rightarrow 23 \cdot n, B_1 = 336$
11723: $1158061627^{12} \Rightarrow n, B_1 = 371$
11724: $1158061627^{16} \Rightarrow 103^2 \cdot n, B_1 = 443; q^{18}, B_2 = 326$
11726: $p_{16}^2 \Rightarrow 61 \cdot 19295839 \cdot 170015941 \cdot p_{15}, B_1 = 206$
11727: $p_{15}^1 \Rightarrow 7 \dots, D$
11728: $p_{15}^2 \Rightarrow 3 \cdot 109 \cdot 186978817 \cdot 320373271 \cdot 3408217147, B_1 = 269$
11729: $3408217147^2 \Rightarrow 3 \cdot 674731 \cdot p_{13}, B_1 = 301$
11730: $3408217147^4 \Rightarrow 11 \dots, D; q^6, B_3 = 307$
11732: $p_{15}^4 \Rightarrow 11 \dots, D$

11733: $p_{15}^6 \Rightarrow 491 \cdot n, B_1 = 359; q^{10}, B_3 = 327$
11735: $p_{16}^4 \Rightarrow 5641 \cdot 7857781 \cdot 238465861 \cdot 18988763011 \cdot P_{35}, B_1 = 307$
11736: $p_{16}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 317$
11738: $20381027^{10} \Rightarrow 29482223 \cdot 149391727 \cdot p_{58}, B_1 = 187$
11739: $p_{58}^1 \Rightarrow 3 \cdot 673 \cdot 50540611901193618743003 \cdot P_{32}, B_1 = 300$
11740: $p_{58}^2 \Rightarrow 199 \cdot n, B_1 = 357; q^4, B_2 = 459$
11742: $20381027^{12} \Rightarrow 53 \cdot 2861 \cdot 9829 \cdot 869861272179663193 \cdot 5621659525219025590433 \cdot p_{39}, B_1 = 250$
11743: $p_{39}^1 \Rightarrow 7 \dots, D$
11744: $p_{39}^2 \Rightarrow n, B_1 = 344; q^4, B_3 = 344$
11746: $20381027^{16} \Rightarrow 4013 \cdot 5068257193 \cdot 97602570731 \cdot 1814270412282839236717 \cdot P_{72}, B_1 = 355$
11747: $20381027^{18} \Rightarrow 229 \cdot 3877 \cdot 60423336640596773 \cdot 85801998900601015771 \cdot P_{89}, B_1 = 403; q^{22}, B_2 = 321$
11749: $3^{30} \Rightarrow 683 \cdot 102673 \cdot 4404047, B_1 = 38$
11750: $4404047^2 \Rightarrow 7 \dots, D$
11751: $4404047^4 \Rightarrow 131 \cdot 211 \cdot 461 \cdot 2770771 \cdot P_{14}, B_1 = 104$
11752: $P_{14}^2 \Rightarrow 7 \dots, D$
11753: $P_{14}^4 \Rightarrow 5 \cdot 229681 \cdot p_{47}, B_1 = 193$
11754: $p_{47}^1 \Rightarrow 17 \cdot 167 \dots, S \ 3^{30} \cdot 5^2 \cdot 17^2 \cdot 131^2 \cdot 167^2$
11755: $p_{47}^2 \Rightarrow 19 \dots, D$
11756: $p_{47}^4, B_2 = 368$
11757: $P_{14}^6 \Rightarrow 71 \cdot P_{77}, B_1 = 313$
11758: $P_{14}^{10} \Rightarrow n, B_1 = 339; q^{12}, B_2 = 312$
11760: $4404047^6 \Rightarrow 29^2 \cdot 268088311 \cdot 21392848667 \cdot p_{19}, B_1 = 128$
11761: $p_{19}^1 \Rightarrow 3^2 \cdot 127709 \cdot 500153 \cdot 1315747, B_1 = 162$
11762: $1315747^2 \Rightarrow 3 \cdot 114001 \cdot 5061919, B_1 = 185$
11763: $5061919^2 \Rightarrow 7 \dots, D$
11764: $5061919^4 \Rightarrow 11 \dots, D$
11765: $5061919^6 \Rightarrow 71 \cdot P_{39}, B_1 = 293$
11766: $P_{39}^2 \Rightarrow 13 \dots, D; q^4, B_3 = 369$
11768: $5061919^{10} \Rightarrow n, B_1 = 306$
11769: $5061919^{12} \Rightarrow n, B_1 = 333$
11770: $5061919^{16} \Rightarrow n, B_1 = 386$
11771: $5061919^{18} \Rightarrow n, B_1 = 413; q^{22}, B_3 = 319$
11773: $1315747^4 \Rightarrow 11 \dots, D$
11774: $1315747^6 \Rightarrow 1583 \cdot 1659883 \cdot p_{28}, B_1 = 260$
11775: $p_{28}^2 \Rightarrow n, B_1 = 314; q^4, B_3 = 314$
11777: $1315747^{10} \Rightarrow 23 \cdot P_{60}, B_1 = 333$
11778: $1315747^{12} \Rightarrow 169937 \cdot p_{69}, B_1 = 370$
11779: $1315747^{16} \Rightarrow n, B_1 = 345$
11780: $1315747^{18} \Rightarrow n, B_1 = 370$
11781: $1315747^{22} \Rightarrow 139 \cdot n, B_1 = 421; q^{28}, B_2 = 342$
11783: $p_{19}^2 \Rightarrow 223 \cdot 101828602589821 \cdot p_{21}, B_1 = 199$
11784: $p_{21}^1 \Rightarrow P_{20}, B_1 = 238$
11785: $P_{20}^2 \Rightarrow 13 \dots, D$
11786: $P_{20}^4 \Rightarrow 11 \dots, D$
11787: $P_{20}^6, B_3 = 317$
11788: $p_{21}^2 \Rightarrow 19 \dots, D$
11789: $p_{21}^4 \Rightarrow 11 \dots, D$
11790: $p_{21}^6 \Rightarrow 197 \cdot n, B_1 = 407; q^{10}, B_2 = 400$
11792: $p_{19}^4 \Rightarrow 5 \cdot 751 \cdot 159103504064765648611 \cdot p_{49}, B_1 = 279$
11793: $p_{49}^1 \Rightarrow 3 \cdot n, B_1 = 327; q^2, B_3 = 323$
11795: $p_{19}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 363$
11797: $4404047^{10} \Rightarrow 397 \cdot 2531 \cdot 173977 \cdot 1065192899 \cdot 48873043253 \cdot p_{36}, B_1 = 193$
11798: $p_{36}^1 \Rightarrow 3 \cdot 5 \cdot 257 \cdot 1361 \cdot 1879 \cdot 5231 \cdot 900217 \cdot 6266459 \cdot 518386877, B_1 = 263$

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: $518386877^6 \Rightarrow 7 \dots, D$
11804: $518386877^{10}, B_3 = 332$
11805: $p_{36}^2 \Rightarrow 7 \dots, D$
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: $P_{51}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 406$
11811: $4404047^{16} \Rightarrow 103 \cdot 10303 \cdot 67804104377 \cdot 5156188740988517 \cdot p_{74}, B_1 = 275$
11812: $p_{74}^1 \Rightarrow 11 \dots, D; q^2, B_3 = 333$
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: $17189128703^2 \Rightarrow 19 \dots, D$
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: $P_{70}^2 \Rightarrow 19 \dots, D; q^4, B_2 = 557$
11825: $P_{36}^4 \Rightarrow 31 \dots, D; q^6, B_2 = 420$
11827: $17189128703^6 \Rightarrow 211 \cdot 3729028273377384104094212939 \cdot p_{32}, B_1 = 184$
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: $p_{32}^2 \Rightarrow 127 \dots, D$
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: $2526913^1 \Rightarrow 13 \dots, D$
11842: $2526913^2 \Rightarrow 7 \dots, D$
11843: $2526913^4 \Rightarrow 11 \dots, D$
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: $P_{14}^2 \Rightarrow 7 \dots, D$
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: $p_{16}^2 \Rightarrow 13 \dots, D$
11852: $p_{16}^4 \Rightarrow 11 \dots, D$
11853: $p_{16}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 315$
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: $P_{53}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 421$
11861: $2526913^{16} \Rightarrow 103 \cdot 2045500997 \cdot 2280827611 \cdot 919127312099753 \cdot p_{67}, B_1 = 285$
11862: $p_{67}^1 \Rightarrow 7 \dots, D; q^2, B_3 = 337$
11864: $2526913^{18} \Rightarrow 419 \cdot 647 \cdot 39863 \cdot 738341 \cdot c_{100}, B_1 = 285$
11865: $738341^1 \Rightarrow 11 \dots, D$
11866: $738341^2 \Rightarrow 7 \dots, D; q^4, B_3 = 302$
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: $P_{18}^2 \Rightarrow 19 \dots, D$

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: $14762543^2 \Rightarrow 13 \dots$, D
11875: $14762543^4 \Rightarrow 11 \dots$, D
11876: $14762543^6 \Rightarrow 43 \cdot n$, $B_1 = 343$; q^{10} , $B_3 = 327$
11878: $p_{35}^2 \Rightarrow 19 \dots$, 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: $96656723^2 \Rightarrow 7 \dots$, D
11887: $96656723^4 \Rightarrow 11 \dots$, D
11888: $96656723^6 \Rightarrow 547 \cdot 4261210359825834719543 \cdot p_{24}$, $B_1 = 170$
11889: $p_{24}^1 \Rightarrow 3 \cdot 12613 \cdot 19991 \cdot 578819 \cdot 399507707$, $B_1 = 215$
11890: $399507707^2 \Rightarrow 7 \dots$, D
11891: $399507707^4 \Rightarrow 11 \dots$, 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: $P_{25}^2 \Rightarrow 13 \dots$, D ; q^4 , $B_3 = 329$
11898: $p_{24}^4 \Rightarrow 61 \cdot 331 \cdot n$, $B_1 = 332$
11899: $p_{24}^6 \Rightarrow 7 \dots$, 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: $p_{50}^2 \Rightarrow 7 \dots$, 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: $709^2 \Rightarrow 7 \dots$, D
11908: $709^4 \Rightarrow 11 \dots$, 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: $1598557^1 \Rightarrow 13 \dots$, D
11919: $1598557^2 \Rightarrow 19 \dots$, D
11920: $1598557^4 \Rightarrow 11 \dots$, D
11921: $1598557^6 \Rightarrow 127 \dots$, D ; q^{10} , $B_3 = 311$
11923: $21269^4 \Rightarrow 1321 \cdot 17351 \cdot 8928559091$, $B_1 = 287$
11924: $8928559091^2 \Rightarrow 7 \dots$, 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: $21269^{12} \Rightarrow 13 \dots$, 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: $P_{19}^2 \Rightarrow 31 \dots$, D
11935: $P_{19}^4 \Rightarrow 41 \cdot 6450541 \cdot 76372709981818363434801791580961 \cdot p_{34}$, $B_1 = 226$
11936: $p_{34}^1 \Rightarrow 3^2 \cdot 107 \cdot 2564568613 \cdot p_{22}$, $B_1 = 287$
11937: $p_{22}^2 \Rightarrow 19 \dots$, D
11938: p_{22}^4 , $B_3 = 330$

11939: $p_{34}^2 \Rightarrow 19 \dots, D$
11940: $p_{34}^4 \Rightarrow 5 \cdot 151 \cdot n, B_1 = 435; q^6, B_2 = 407$
11942: $P_{19}^6 \Rightarrow 55147 \cdot c_{107}, B_1 = 260$
11943: $55147^2 \Rightarrow 3 \cdot 151 \cdot 6713569, B_1 = 276$
11944: $6713569^1 \Rightarrow 5 \cdot 671357, B_1 = 289$
11945: $671357^2 \Rightarrow 19 \dots, D; q^4, B_3 = 301$
11947: $6713569^2 \Rightarrow 7 \dots, D$
11948: $6713569^4 \Rightarrow 11 \dots, D; q^6, B_3 = 306$
11950: $55147^4 \Rightarrow 11 \dots, D$
11951: $55147^6 \Rightarrow 7 \dots, D$
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: $P_{18}^2 \Rightarrow 61 \cdot 1861 \cdot 21277 \cdot 11549803 \cdot P_{19}, B_1 = 149$
11957: $P_{19}^2 \Rightarrow 19 \dots, D$
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: $P_{18}^4 \Rightarrow 2081 \cdot 1863374621 \cdot p_{59}, B_1 = 202$
11964: $p_{59}^1 \Rightarrow 229 \cdot 881 \cdot 16726371521919413287500913 \cdot P_{28}, B_1 = 317$
11965: $p_{59}^2 \Rightarrow 19 \dots, D; q^4, B_2 = 465$
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: $p_{24}^1 \Rightarrow 13 \dots, D$
11973: $p_{24}^2 \Rightarrow 7 \dots, D$
11974: $p_{24}^4 \Rightarrow 5 \cdot 3467554724111 \cdot 411802087918509031 \cdot 143248443570926491474211 \cdot P_{39}, B_1 = 310$
11975: $p_{24}^6 \Rightarrow n, B_1 = 310; q^{10}, B_2 = 460$
11977: $3^{66} \Rightarrow 221101 \cdot 441019876741 \cdot p_{15}, B_1 = 80$
11978: $p_{15}^1 \Rightarrow 101429 \cdot 2343435803, B_1 = 108$
11979: $2343435803^2 \Rightarrow 7 \dots, D$
11980: $2343435803^4 \Rightarrow 11 \dots, D$
11981: $2343435803^6 \Rightarrow 113 \cdot 491 \cdot 2246749429076568935613893 \cdot P_{28}, B_1 = 258$
11982: $P_{28}^2 \Rightarrow 223 \cdot n, B_1 = 315; q^4, B_3 = 313$
11984: $2343435803^{10} \Rightarrow 23 \cdot 89 \cdot 199 \cdot 32429 \cdot p_{84}, B_1 = 371$
11985: $2343435803^{12} \Rightarrow 53 \cdot n, B_1 = 316$
11986: $2343435803^{16} \Rightarrow n, B_1 = 389; q^{18}, B_2 = 337$
11988: $p_{15}^2 \Rightarrow 19 \dots, D$
11989: $p_{15}^4 \Rightarrow 71 \cdot 2141 \cdot 4281922861 \cdot 2020300327691 \cdot p_{32}, B_1 = 210$
11990: $p_{32}^1 \Rightarrow 574642571 \cdot P_{23}, B_1 = 272$
11991: $P_{23}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 317$
11993: $p_{32}^2 \Rightarrow 3 \cdot 1321 \cdot 9319 \cdot 69439 \cdot n, B_1 = 304$
11994: $p_{32}^4 \Rightarrow 5 \cdot 101 \cdot n, B_1 = 422; q^6, B_2 = 379$
11996: $p_{15}^6 \Rightarrow 52571 \cdot 88043593508181977 \cdot 40285396550964943757 \cdot 70079172111599681479 \cdot P_{27}, B_1 = 310$
11997: $p_{15}^{10} \Rightarrow 11 \dots, D; q^{12}, B_2 = 352$
11999: $3^{70} \Rightarrow p_{34}, B_1 = 66$
12000: $p_{34}^1 \Rightarrow 853 \cdot 2131 \cdot 82219 \cdot 3099719989 \cdot P_{13}, B_1 = 133$
12001: $P_{13}^2 \Rightarrow 3 \cdot 97813 \cdot P_{20}, B_1 = 182$
12002: $P_{20}^2 \Rightarrow 3 \cdot 3271 \cdot 37374079413344599 \cdot P_{19}, B_1 = 261$
12003: $P_{19}^2 \Rightarrow 19 \dots, D$
12004: $P_{19}^4 \Rightarrow 41 \cdot 311 \cdot 521 \cdot 761 \cdot n, B_1 = 384; q^6, B_3 = 336$
12006: $P_{20}^4 \Rightarrow n, B_1 = 301$

12007: $P_{20}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 394$
12009: $P_{13}^4 \Rightarrow 11 \dots, D$
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: $p_{34}^2 \Rightarrow 7 \dots, D$
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: $p_{16}^1 \Rightarrow 7 \dots, D$
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: $p_{32}^4 \Rightarrow 11 \dots, D$
12031: $p_{32}^6, B_2 = 377$
12032: $p_{16}^4 \Rightarrow 11 \dots, D$
12033: $p_{16}^6 \Rightarrow 43 \cdot 254860453 \cdot p_{86}, B_1 = 273$
12034: $p_{86}^1 \Rightarrow 13 \dots, D; q^2, B_3 = 350$
12036: $p_{16}^{10}, B_2 = 319$
12037: $3^{78} \Rightarrow 432853009 \cdot 392038110671 \cdot P_{18}, B_1 = 103$
12038: $P_{18}^2 \Rightarrow 7 \dots, D$
12039: $P_{18}^4 \Rightarrow 11 \dots, D$
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: $P_{24}^2 \Rightarrow 19 \dots, D$
12044: $P_{24}^4 \Rightarrow 11 \dots, D$
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: $p_{25}^1 \Rightarrow 13 \dots, D$
12049: $p_{25}^2 \Rightarrow 7 \dots, D$
12050: $p_{25}^4 \Rightarrow 31 \dots, D$
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: $p_{29}^1 \Rightarrow 11 \dots, D$
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: $p_{49}^2 \Rightarrow 3 \cdot 61 \cdot 33703 \cdot 1164811 \cdot 270547105429567 \cdot 6749930086876080531836671 \cdot p_{46}, B_1 = 295$
12076: $p_{46}^1 \Rightarrow 7 \dots, D; q^2, B_3 = 338$

12078: $p_{49}^4, B_2 = 390$
12079: $3^{106} \Rightarrow 50077 \cdot 229837 \cdot p_{41}, B_1 = 111$
12080: $p_{41}^1 \Rightarrow 31 \dots, D$
12081: $p_{41}^2 \Rightarrow 19 \dots, D; q^4, B_2 = 325$
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: $p_{24}^2 \Rightarrow 13 \dots, D$
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: $P_{42}^2 \Rightarrow 19 \dots, D; q^4, B_2 = 333$
12098: $3^{126} \Rightarrow 5843 \cdot 681229 \cdot 21520151 \cdot 76082653 \cdot p_{36}, B_1 = 145$
12099: $p_{36}^1 \Rightarrow 7 \dots, D$
12100: $p_{36}^2 \Rightarrow 19 \dots, D$
12101: $p_{36}^4 \Rightarrow 11 \dots, D; q^6, B_2 = 425$
12103: $3^{130} \Rightarrow 263 \cdot P_{60}, B_1 = 186$
12104: $P_{60}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 478$
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: $P_{57}^2 \Rightarrow 13 \dots, D; q^4, B_2 = 448$
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: $p_{29}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 321$
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: $P_{40}^2 \Rightarrow 19 \dots, D; q^4, B_2 = 312$
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: $p_{18}^2 \Rightarrow 13 \dots, D$
12130: $p_{18}^4, B_3 = 320$
12131: $p_{48}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 379$
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: $3^{178} \Rightarrow 359 \cdot 56207 \cdot 100957 \cdot 19510643 \cdot 291066066130451 \cdot 6779963644378513811 \cdot P_{33}, B_1 = 250$
12137: $P_{33}^2 \Rightarrow 7 \dots, D; q^4, B_3 = 314$
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: $p_{73}^1 \Rightarrow 13 \dots, D$
12144: $p_{73}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 582$
12146: $3^{192} \Rightarrow 6563 \cdot 29723 \cdot 2346066378779 \cdot 218246094772601642186973037 \cdot P_{45}, B_1 = 248$
12147: $P_{45}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 358$
12149: $3^{196} \Rightarrow 9851 \cdot 741019334164502879 \cdot 11472574961994477441469621 \cdot p_{47}, B_1 = 234$
12150: $p_{47}^1 \Rightarrow 13 \dots, D$
12151: $p_{47}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 374$

- 12153: $3^{198} \Rightarrow 1360648969 \cdot 293366430131930353811221418233 \cdot p_{57}, B_1 = 227$
12154: $p_{57}^1 \Rightarrow 5 \cdot 12211 \cdot 13814090508541 \cdot p_{38}, B_1 = 339$
12155: $p_{57}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 448$
12157: $3^{210} \Rightarrow 2111 \cdot 962188370639 \cdot 54046656969013 \cdot$
 $5676687374958905209 \cdot 1695949409060064182746451 \cdot P_{29}, B_1 = 282$
12158: $P_{29}^2 \Rightarrow 61 \cdot 67 \cdot 151 \cdot n, B_1 = 344; q^4, B_3 = 338$
12160: $3^{222} \Rightarrow 54473097204950819531444809 \cdot p_{81}, B_1 = 237$
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: $1990705193^2 \Rightarrow 13 \dots, D$
12166: $1990705193^4 \Rightarrow 11 \dots, D$
12167: $1990705193^6 \Rightarrow 7 \dots, D$
12168: $1990705193^{10}, B_3 = 310$
12169: $19907051929^2 \Rightarrow 7 \dots, D$
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: $3^{228} \Rightarrow 8047106008391 \cdot 32356561399076305309 \cdot$
 $284663996630519253661 \cdot 634538541879036040523 \cdot p_{36}, B_1 = 291$
12174: $p_{36}^1 \Rightarrow 17 \cdot n, B_1 = 327; q^2, B_3 = 306$
12176: $3^{232} \Rightarrow 467 \cdot 27599172691870182517 \cdot$
 $6354979252162209284471 \cdot 38247482016765032274959 \cdot P_{45}, B_1 = 312$
12177: $3^{238} \Rightarrow 479 \cdot 17209 \cdot c_{107}, B_1 = 229$
12178: $17209^1 \Rightarrow 5 \cdot 1721, B_1 = 237$
12179: $1721^2 \Rightarrow 19 \dots, D$
12180: $1721^4 \Rightarrow 11 \dots, D$
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: $321571^2 \Rightarrow 13 \dots, D$
12191: $321571^4 \Rightarrow 31 \dots, D$
12192: $321571^6 \Rightarrow n, B_1 = 305$
12193: $321571^{10} \Rightarrow 23 \cdot n, B_1 = 350; q^{12}, B_3 = 305$
12195: $17209^4 \Rightarrow 11 \dots, D$
12196: $17209^6 \Rightarrow 127 \dots, D$
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: $503^2 \Rightarrow 13 \dots, D$
12204: $503^4 \Rightarrow 64141071121, B_1 = 257$
12205: $64141071121^1 \Rightarrow 1033 \cdot 31046017, B_1 = 278$
12206: $31046017^2 \Rightarrow 7 \dots, D$
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: $60139^2 \Rightarrow 7 \dots, D$
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: $120277^2 \Rightarrow 19 \dots, D$
12232: $120277^4 \Rightarrow 11 \dots, D$
12233: $120277^6 \Rightarrow 127 \dots, D$
12234: $120277^{10} \Rightarrow n, B_1 = 340; q^{12}, B_3 = 300$
12236: $3^{262} \Rightarrow 53653 \cdot 78901 \cdot 2750510656513 \cdot 65397307474141 \cdot$
 $153572905037740933 \cdot 352436749324038579121 \cdot p_{52}, B_1 = 323$
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: $3^{280} \Rightarrow 563 \cdot 3373 \cdot 422063 \cdot 434989 \cdot 1000081249 \cdot 38012519036699 \cdot$
 $124205327610431 \cdot 543615007915184215523 \cdot 2397212236344676495763 \cdot p_{38}, B_1 = 363$
12241: $3^{282} \Rightarrow 133227911 \cdot 1830824353 \cdot 306487563493 \cdot 1257602943398454563 \cdot p_{88}, B_1 = 316$
12242: $3^{292} \Rightarrow 587 \cdot 64911612051881874971 \cdot p_{117}, B_1 = 301$
12243: $3^{306} \Rightarrow 10610542242923144869 \cdot 1209358403350153553775181 \cdot p_{104}, B_1 = 335$
12244: $3^{310} \Rightarrow 3733 \cdot 12460588823 \cdot n, B_1 = 306$
12245: $3^{312} \Rightarrow 2370037 \cdot c_{143}, B_1 = 297$
12246: $2370037^1 \Rightarrow 11 \dots, D; q^2, B_3 = 304$
12248: $3^{316}, B_2 = 301$

12249: $5^1 \Rightarrow 3, D$
12250: $5^2 \Rightarrow 31, D$
12251: $5^4 \Rightarrow 11 \dots, D$
12252: $5^6 \Rightarrow 19531, B_1 = 12$
12253: $19531^2 \Rightarrow 3 \dots, D$
12254: $19531^4 \Rightarrow 5 \cdot 191 \cdot 4760281 \cdot 32009891, B_1 = 47$
12255: $32009891^2 \Rightarrow 7 \dots, D$
12256: $32009891^4 \Rightarrow 31 \dots, D$
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: $32009891^{10} \Rightarrow 11 \dots, D$
12263: $32009891^{12} \Rightarrow 13183 \cdot c_{86}, B_1 = 216$
12264: $13183^2 \Rightarrow 7 \dots, D$
12265: $13183^4 \Rightarrow 11 \dots, D$
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: $13183^{12} \Rightarrow 13 \dots, D$
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: $19531^6 \Rightarrow 7 \dots, D$
12279: $19531^{10} \Rightarrow 23^2 \cdot 4159 \cdot 31567260539 \cdot p_{27}, B_1 = 104$
12280: $p_{27}^1 \Rightarrow 31 \dots, D$
12281: $p_{27}^2 \Rightarrow 3 \dots, D$
12282: $p_{27}^4 \Rightarrow 41 \cdot 48311 \cdot 56431 \cdot c_{94}, B_1 = 296$
12283: $56431^2 \Rightarrow 7 \dots, D$
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: $22468639757^2 \Rightarrow 7 \dots, D$
12290: $22468639757^4 \Rightarrow 11 \dots, D$
12291: $22468639757^6 \Rightarrow 827 \cdot n, B_1 = 364; q^{10}, B_3 = 341$
12293: $p_{31}^2 \Rightarrow 7 \dots, D$
12294: $p_{31}^4 \Rightarrow 11 \dots, D; q^6, B_2 = 371$
12296: $P_{18}^4 \Rightarrow 11 \dots, D$
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: $P_{67}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 533$
12302: $19531^{18} \Rightarrow 68059 \cdot 495278418470579 \cdot 882216833181701 \cdot p_{43}, B_1 = 193$
12303: $p_{43}^1 \Rightarrow 7 \dots, D$
12304: $p_{43}^2 \Rightarrow 3 \dots, D; q^4, B_2 = 342$
12306: $19531^{22} \Rightarrow 59256204507977681 \cdot 3035302031019683008546021109 \cdot p_{51}, B_1 = 237$
12307: $p_{51}^1 \Rightarrow 13 \dots, D$
12308: $p_{51}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 401$
12310: $19531^{28} \Rightarrow 6438764963 \cdot 19452698081689 \cdot P_{98}, B_1 = 351$
12311: $19531^{30} \Rightarrow 31 \dots, D; q^{36}, B_2 = 308$
12313: $5^{10} \Rightarrow 12207031, B_1 = 21$

12314: $12207031^2 \Rightarrow 7 \dots, D$
12315: $12207031^4 \Rightarrow 5 \cdot 131 \cdot P_{26}, B_1 = 89$
12316: $P_{26}^2 \Rightarrow 163 \cdot 20324089 \cdot P_{42}, B_1 = 185$
12317: $P_{42}^2 \Rightarrow 19 \dots, D; q^4, B_2 = 332$
12319: $P_{26}^4 \Rightarrow 5 \cdot 181479534491 \cdot 2102184759694012771 \cdot c_{72}, B_1 = 271$
12320: $P_{19}^2 \Rightarrow 3 \dots, D; q^4, B_3 = 308$
12322: $P_{26}^6, B_2 = 306$
12323: $12207031^6 \Rightarrow 37871 \cdot P_{38}, B_1 = 134$
12324: $P_{38}^2 \Rightarrow 13 \dots, D; q^4, B_2 = 303$
12326: $12207031^{10} \Rightarrow 11 \dots, D$
12327: $12207031^{12} \Rightarrow 652237 \cdot 105007244872456434743 \cdot$
 $23773994335181800316133670391 \cdot p_{31}, B_1 = 231$
12328: $p_{31}^1 \Rightarrow 87359 \cdot 3407245229 \cdot p_{17}, B_1 = 292$
12329: $p_{17}^2 \Rightarrow 3 \dots, D; q^4, B_3 = 324$
12331: $p_{31}^2 \Rightarrow 7 \dots, D$
12332: $p_{31}^4, B_3 = 317$
12333: $12207031^{16} \Rightarrow 211449571 \cdot 41945589949 \cdot P_{95}, B_1 = 336$
12334: $12207031^{18} \Rightarrow 191 \cdot 3307 \cdot 1980637 \cdot 126363738973478792189 \cdot p_{96}, B_1 = 294$
12335: $p_{96}^1 \Rightarrow 5 \cdot 89 \cdot 601 \cdot n, B_1 = 393; q^2, B_2 = 381$
12337: $12207031^{22}, B_2 = 311$
12338: $5^{12} \Rightarrow 305175781, B_1 = 16$
12339: $305175781^1 \Rightarrow 3499 \cdot 43609, B_1 = 33$
12340: $43609^2 \Rightarrow 3 \dots, D$
12341: $43609^4 \Rightarrow 11 \dots, D$
12342: $43609^6 \Rightarrow 17137 \cdot 67241197577 \cdot P_{13}, B_1 = 107$
12343: $P_{13}^2 \Rightarrow 691 \cdot 4243 \cdot 237373 \cdot p_{14}, B_1 = 158$
12344: $p_{14}^2 \Rightarrow 3 \dots, D$
12345: $p_{14}^4 \Rightarrow 11 \dots, D$
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: $P_{13}^4 \Rightarrow 11 \dots, D$
12350: $P_{13}^6 \Rightarrow 7 \dots, D$
12351: $P_{13}^{10} \Rightarrow 23 \cdot 89 \cdot n, B_1 = 340; q^{12}, B_2 = 306$
12353: $43609^{10} \Rightarrow 67 \cdot p_{45}, B_1 = 163$
12354: $p_{45}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 356$
12356: $43609^{12} \Rightarrow p_{56}, B_1 = 190$
12357: $p_{56}^2 \Rightarrow 3 \dots, D; q^4, B_2 = 445$
12359: $43609^{16} \Rightarrow 919 \cdot 61099 \cdot 6445931373853 \cdot p_{54}, B_1 = 246$
12360: $p_{54}^2 \Rightarrow 31 \dots, D; q^4, B_2 = 429$
12362: $43609^{18} \Rightarrow 761 \cdot 18127 \cdot 1812946026557 \cdot 24141711234604991213 \cdot p_{45}, B_1 = 274$
12363: $p_{45}^2 \Rightarrow n, B_1 = 363; q^4, B_3 = 363$
12365: $43609^{22} \Rightarrow 23 \cdot 19959263 \cdot 52672861287493 \cdot 1519020031315566821 \cdot P_{62}, B_1 = 330$
12366: $43609^{28} \Rightarrow 233 \cdot 57683935961 \cdot 3905862728297202644999 \cdot P_{96}, B_1 = 413$
12367: $43609^{30} \Rightarrow n, B_1 = 302; q^{36}, B_2 = 334$
12369: $305175781^2 \Rightarrow 3 \dots, D$
12370: $305175781^4 \Rightarrow 11 \dots, D$
12371: $305175781^6 \Rightarrow 7 \dots, D$
12372: $305175781^{10} \Rightarrow 89 \cdot 1131442837613771 \cdot p_{68}, B_1 = 195$
12373: $p_{68}^1 \Rightarrow 3 \dots, D$
12374: $p_{68}^2 \Rightarrow n, B_1 = 396; q^4, B_2 = 542$
12376: $305175781^{12} \Rightarrow 13 \dots, D$
12377: $305175781^{16} \Rightarrow 443 \cdot 3911 \cdot 204511 \cdot 307633 \cdot 11673312666179581 \cdot c_{103}, B_1 = 296$
12378: $p_{17}^1 \Rightarrow 11 \dots, D; q^2, B_3 = 307$
12380: $305175781^{18}, B_2 = 305$

12381: $5^{16} \Rightarrow 409 \cdot 466344409, B_1 = 25$
12382: $466344409^1 \Rightarrow 7 \dots, D$
12383: $466344409^2 \Rightarrow 19 \dots, D$
12384: $466344409^4 \Rightarrow 11 \dots, D$
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: $P_{17}^2 \Rightarrow 7 \dots, D$
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: $p_{47}^2 \Rightarrow 3 \dots, D; q^4, B_2 = 371$
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: $p_{53}^2 \Rightarrow 7 \dots, D$
12396: $p_{53}^4, B_2 = 423$
12397: $466344409^{12} \Rightarrow 79 \cdot 13184595687563 \cdot p_{90}, B_1 = 239$
12398: $p_{90}^1 \Rightarrow 3 \dots, D; q^2, B_2 = 356$
12400: $466344409^{16} \Rightarrow 17 \cdot 103 \cdot c_{136}, B_1 = 294$
12401: $103^2 \Rightarrow 3 \dots, D$
12402: $103^4 \Rightarrow 11 \dots, D; q^6, B_3 = 302$
12404: $466344409^{18}, B_2 = 312$
12405: $5^{18} \Rightarrow 191 \cdot 6271 \cdot 3981071, B_1 = 37$
12406: $3981071^2 \Rightarrow 13 \dots, D$
12407: $3981071^4 \Rightarrow 5 \cdot 9341 \cdot p_{22}, B_1 = 80$
12408: $p_{22}^1 \Rightarrow 127 \dots, D$
12409: $p_{22}^2 \Rightarrow 7 \dots, D$
12410: $p_{22}^4 \Rightarrow 5 \cdot 971 \cdot 1854787301 \cdot 2754211856015172661 \cdot 9682302552064620656211311 \cdot p_{31}, B_1 = 287$
12411: $p_{31}^1 \Rightarrow 3 \dots, D; q^2, B_3 = 300$
12413: $p_{22}^6 \Rightarrow n, B_1 = 315; q^{10}, B_2 = 434$
12415: $3981071^6 \Rightarrow 127 \dots, D$
12416: $3981071^{10} \Rightarrow 419 \cdot 486952646035843483 \cdot p_{46}, B_1 = 177$
12417: $p_{46}^1 \Rightarrow 3 \dots, D$
12418: $p_{46}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 365$
12420: $3981071^{12} \Rightarrow 131 \cdot 145321879 \cdot 1402795853261163799127 \cdot P_{48}, B_1 = 262$
12421: $P_{48}^2 \Rightarrow 7 \dots, D$
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: $p_{58}^1 \Rightarrow 3 \dots, D; q^2, B_3 = 326$
12426: $3981071^{18} \Rightarrow 19 \dots, D$
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: $612928711^2 \Rightarrow 3 \dots, D$
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: $P_{49}^2 \Rightarrow 7 \dots, D$
12435: $P_{49}^4, B_2 = 386$
12436: $p_{29}^4 \Rightarrow 11 \dots, D; q^6, B_2 = 347$
12438: $612928711^6 \Rightarrow 29 \cdot 83777 \cdot 86689 \cdot p_{42}, B_1 = 197$
12439: $p_{42}^2 \Rightarrow 3 \dots, D; q^4, B_2 = 331$
12441: $612928711^{10} \Rightarrow 23 \cdot 1012397 \cdot P_{81}, B_1 = 303$
12442: $612928711^{12} \Rightarrow 79 \cdot 276069119 \cdot 158495717400541 \cdot$
 $14053889461858203673 \cdot 10277630575180896943289 \cdot p_{40}, B_1 = 356$
12443: $612928711^{16} \Rightarrow 17 \cdot n, B_1 = 322; q^{18}, B_2 = 316$
12445: $332207361361^2 \Rightarrow 19 \dots, D$

12446: $332207361361^4 \Rightarrow 31 \dots, D$
12447: $332207361361^6 \Rightarrow 7 \dots, D$
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: $p_{19}^2 \Rightarrow 3 \dots, D; q^4, B_3 = 318$
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: $p_{14}^1 \Rightarrow 3 \dots, D$
12456: $p_{14}^2 \Rightarrow 31 \dots, D$
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: $P_{43}^2 \Rightarrow 3 \dots, D; q^4, B_3 = 384$
12461: $P_{27}^4 \Rightarrow 11 \dots, D; q^6, B_2 = 320$
12463: $p_{14}^6 \Rightarrow 7 \dots, D$
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: $P_{18}^2 \Rightarrow 13 \dots, D$
12468: $P_{18}^4 \Rightarrow 5 \cdot 23851865321 \cdot 30679951282172311526335631 \cdot P_{35}, B_1 = 229$
12469: $P_{35}^2 \Rightarrow 19 \dots, D$
12470: $P_{35}^4 \Rightarrow 5 \cdot n, B_1 = 436; q^6, B_2 = 415$
12472: $P_{18}^6 \Rightarrow 127 \dots, D; q^{10}, B_2 = 355$
12474: $5^{36} \Rightarrow 149 \cdot 13971969971 \cdot P_{13}, B_1 = 73$
12475: $P_{13}^2 \Rightarrow 7 \dots, D$
12476: $P_{13}^4 \Rightarrow 11 \dots, D$
12477: $P_{13}^6 \Rightarrow 43 \cdot 379 \cdot 9829 \cdot 12769849 \cdot 101139977 \cdot p_{55}, B_1 = 228$
12478: $p_{55}^1 \Rightarrow 3 \dots, D$
12479: $p_{55}^2 \Rightarrow 13 \dots, D; q^4, B_2 = 434$
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: $p_{19}^1 \Rightarrow 3 \dots, D$
12485: $p_{19}^2 \Rightarrow 739 \cdot 3301 \cdot 9649 \cdot 265837681 \cdot p_{19}, B_1 = 140$
12486: $p_{19}^4 \Rightarrow 211949 \cdot P_{13}, B_1 = 176$
12487: $P_{13}^2 \Rightarrow 73 \cdot 4486665151 \cdot P_{15}, B_1 = 228$
12488: $P_{15}^2 \Rightarrow 31 \dots, D$
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: $P_{13}^4 \Rightarrow 35713421 \cdot 252897808640116704551 \cdot P_{24}, B_1 = 306$
12493: $P_{13}^6 \Rightarrow n, B_1 = 306$
12494: $P_{13}^{10} \Rightarrow 11 \dots, D; q^{12}, B_2 = 311$
12496: $p_{19}^2 \Rightarrow 3 \dots, D$
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: $p_{19}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 372$
12502: $p_{19}^4 \Rightarrow 22501 \cdot 613181 \cdot 91348308373870781 \cdot p_{48}, B_1 = 223$
12503: $p_{48}^1 \Rightarrow 13 \dots, D$
12504: $p_{48}^2 \Rightarrow 3 \dots, D; q^4, B_2 = 381$
12506: $p_{19}^6 \Rightarrow 7 \dots, D; q^{10}, B_2 = 374$
12508: $5^{42} \Rightarrow 1644512641 \cdot P_{21}, B_1 = 79$
12509: $P_{21}^2 \Rightarrow 7 \dots, D$
12510: $P_{21}^4 \Rightarrow 5 \cdot 440223461 \cdot 81006718925422691 \cdot P_{55}, B_1 = 280$
12511: $P_{55}^2 \Rightarrow 13 \dots, D; q^4, B_2 = 437$
12513: $P_{21}^6 \Rightarrow 113 \cdot c_{120}, B_1 = 283$
12514: $113^1 \Rightarrow 19 \dots, D$
12515: $113^2 \Rightarrow 13 \dots, D$

12516: $113^4 \Rightarrow 11 \dots, D$
12517: $113^6 \Rightarrow 7 \dots, D$
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: $P_{33}^2 \Rightarrow 127 \dots, D$
12523: $P_{33}^4 \Rightarrow 5 \cdot 431 \cdot c_{126}, B_1 = 291$
12524: $431^2 \Rightarrow 7 \dots, D$
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: $p_{17}^1 \Rightarrow 11 \dots, D$
12530: $p_{17}^2 \Rightarrow 19 \dots, D$
12531: $p_{17}^4 \Rightarrow 31 \dots, D$
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: $P_{25}^2 \Rightarrow 31 \dots, D$
12538: $P_{25}^4 \Rightarrow 5 \cdot 251 \cdot 1451 \cdot 9151 \cdot c_{88}, B_1 = 260$
12539: $9151^2 \Rightarrow 7 \dots, D$
12540: $9151^4 \Rightarrow 5 \cdot 969851 \cdot 1446260951, B_1 = 298$
12541: $1446260951^2 \Rightarrow 7 \dots, D; q^4, B_3 = 316$
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: $P_{27}^2 \Rightarrow 19 \dots, D$
12551: $P_{27}^4 \Rightarrow 432499589581 \cdot c_{93}, B_1 = 282$
12552: $432499589581^1 \Rightarrow 216249794791, B_1 = 305$
12553: $432499589581^2 \Rightarrow 3 \dots, D; q^4, B_3 = 305$
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: $p_{24}^1 \Rightarrow 7 \dots, D$
12558: $p_{24}^2 \Rightarrow 3 \dots, D$
12559: $p_{24}^4 \Rightarrow 11 \dots, D$
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: $P_{47}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 370$
12565: $5^{72} \Rightarrow 4853479 \cdot 5729041 \cdot P_{37}, B_1 = 144$
12566: $P_{37}^2 \Rightarrow 19 \dots, D$
12567: $P_{37}^4 \Rightarrow 31 \dots, D; q^6, B_2 = 443$
12569: $5^{78} \Rightarrow 205367807127911 \cdot 58523123221688392679 \cdot P_{21}, B_1 = 163$
12570: $P_{21}^2 \Rightarrow 3 \dots, D$
12571: $P_{21}^4 \Rightarrow 11 \dots, D$
12572: $p_{21}^6 \Rightarrow 967 \cdot n, B_1 = 372; q^{10}, B_2 = 410$
12574: $5^{82} \Rightarrow 20515111 \cdot 1431185706701868962383741 \cdot p_{26}, B_1 = 146$
12575: $p_{26}^1 \Rightarrow P_{26}, B_1 = 197$
12576: $P_{26}^2 \Rightarrow 127 \dots, D$
12577: $P_{26}^4 \Rightarrow 11 \dots, D; q^6, B_2 = 307$
12579: $p_{26}^2 \Rightarrow 3 \dots, D$
12580: $p_{26}^4 \Rightarrow 11 \dots, D; q^6, B_2 = 311$
12582: $5^{88} \Rightarrow 179 \cdot 9807089 \cdot 14597959 \cdot 834019001 \cdot 8157179360521 \cdot p_{24}, B_1 = 161$

12583: $p_{24}^1 \Rightarrow 3 \dots, D$
12584: $p_{24}^2 \Rightarrow 19 \dots, D$
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: $P_{60}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 473$
12591: $5^{100} \Rightarrow 5937018283241 \cdot 3434487311396589821473854121 \cdot p_{30}, B_1 = 180$
12592: $p_{30}^1 \Rightarrow 3 \dots, D$
12593: $p_{30}^2 \Rightarrow 37 \cdot 2333282713 \cdot 6646873767712671024673 \cdot P_{27}, B_1 = 301$
12594: $p_{30}^4 \Rightarrow 11 \dots, D; q^6, B_2 = 356$
12596: $5^{102} \Rightarrow 3709 \cdot 28429 \cdot 59117897713198738371603984809 \cdot P_{35}, B_1 = 185$
12597: $P_{35}^2 \Rightarrow 13 \dots, D$
12598: $P_{35}^4 \Rightarrow 31 \dots, D; q^6, B_2 = 415$
12600: $5^{106} \Rightarrow 6421 \cdot 5486016363791 \cdot 35411885288978941 \cdot 172163150940018661 \cdot p_{24}, B_1 = 198$
12601: $p_{24}^1 \Rightarrow 19 \dots, D$
12602: $p_{24}^2 \Rightarrow 7 \dots, D$
12603: $p_{24}^4 \Rightarrow 11 \dots, D; q^6, B_3 = 300$
12605: $5^{108} \Rightarrow 1091 \cdot 1007161 \cdot 1528399 \cdot p_{61}, B_1 = 166$
12606: $p_{61}^1 \Rightarrow 3 \dots, D$
12607: $p_{61}^2 \Rightarrow 7 \dots, D; q^4, B_2 = 482$
12609: $5^{112} \Rightarrow 2939 \cdot 6329 \cdot 129499 \cdot 308491 \cdot 304247586761 \cdot 2084303944451 \cdot 620216264269531 \cdot P_{22}, B_1 = 223$
12610: $P_{22}^2 \Rightarrow 7 \dots, D$
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: $p_{60}^1 \Rightarrow 3 \dots, D$
12617: $p_{60}^2 \Rightarrow 31 \dots, D; q^4, B_2 = 475$
12619: $5^{136} \Rightarrow 20551 \cdot 603349 \cdot 48102071 \cdot 121719631478506669 \cdot 7851027307722624763151 \cdot P_{39}, B_1 = 268$
12620: $P_{39}^2 \Rightarrow 7 \dots, D$
12621: $P_{39}^4, B_3 = 345$
12622: $5^{138} \Rightarrow 21521602057721 \cdot 6789441546024769741462601111 \cdot p_{56}, B_1 = 234$
12623: $p_{56}^1 \Rightarrow 19 \dots, D$
12624: $p_{56}^2 \Rightarrow 7 \dots, D$
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: $p_{35}^1 \Rightarrow 7 \dots, D$
12631: $p_{35}^2 \Rightarrow n, B_1 = 350; q^4, B_3 = 350$
12633: $5^{156} \Rightarrow 32029 \cdot 5129819 \cdot 2107089779 \cdot 8616314452100494153901371725720169 \cdot p_{55}, B_1 = 272$
12634: $p_{55}^1 \Rightarrow 727 \cdot n, B_1 = 329$
12635: $p_{55}^2 \Rightarrow 7 \dots, D$
12636: $p_{55}^4, B_2 = 437$
12637: $5^{162} \Rightarrow 4599209 \cdot 40100609 \cdot 675775181 \cdot 6582151087844246659 \cdot 102556399583828574447011133455059 \cdot P_{40}, B_1 = 331$
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: $p_{99}^1 \Rightarrow 7 \dots, D$
12643: $p_{99}^2, B_2 = 394$
12644: $5^{178} \Rightarrow 359 \cdot 3581 \cdot 75539 \cdot 17315029 \cdot 100894073362387242965129 \cdot P_{84}, B_1 = 350$

- 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: $p_{134}^1 \Rightarrow 19 \dots, D; q^2, B_2 = 535$
12654: $5^{210} \Rightarrow 5594292675731 \cdot n, B_1 = 306; q^{222}, B_2 = 310$