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Supplement to
A New Lower Bound for Odd Perfect Numbers

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Notation:

N is an odd perfect number (if one exists) and p a prime.

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

B1 is integer part of log10 (lower bound on N if p^k || N), using LCM and factors of sigma(p^k) shown.

B2 is integer part of log10 (p^2k), so 10^B2 is a lower bound on N if p^k | N.

B3 is integer part of log10 (lower bound on N valid at this point in the proof tree).

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.

n means a number (prime or composite) used in bound only via LCM.

p# means a prime of # decimal digits, equal to 1 mod 4,
defined by division or the same as on the previous line.

P# means a prime of # decimal digits, equal to 3 mod 4.
defined by division or the same as on the previous line.

q^m means prime at beginning of line to power m.

... means a number which is irrelevant to the proof.

Factors given explicitly are prime.

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 1:    127^2 => 3.5419,  B1 12
 2:      5419^2 => 3.31.313.1009,  B1 23
 3:        1009^1 => 5.101,  B1 29
 4:          101^2 => 10303,  B1 37
 5:            10303^2 => 3.5827.6073,  B1 53
 6:              6073^2 => 3.7...,  S 3^4.5^2.7^2
 7:              6073^4 => 61.1909811.11677891,  B1 90
 8:                11677891^2 => 3.31.73.97...,  S 3^4.5^2.31^2.61^2.73^2.97^2.101^2
 9:                11677891^4 => 5.11...,  S 3^4.5^2.11^2
10:                11677891^6 => 7...,  S 3^4.5^2.7^2
11:                11677891^10 => 23...,  S 3^4.5^2.23^2.31^2
12:                11677891^12,  B2 169
13:              6073^6 => 239.2591.P17,  B1 113
14:                81026278242304207^2 => 3.5281.P30,  B1 180
15:                81026278242304207^4 => 281.n,  B1 217;  q^6, B2 202
17:              6073^10 => 11...,  S 3^4.5^2.11^2
18:              6073^12 => 280099.191033158241516258 3.p22,  B1 181
19:              6073^16 => n,  B1 166
20:              6073^18 => n,  B1 181;  q^22, B2 166
22:            10303^4 => 30241.p12,  B1 77
23:              372649725281^2 => 457.631964743.p12,  B1 123
24:                480831112093^2 => 3.13812131371.P13,  B1 170
25:                480831112093^4 => 31.n,  B1 192;  q^6, B3 170
27:              372649725281^4 => 5.11...,  S 3^2.5^2.11^2.31^2
28:              372649725281^6 => 7...,  S 3^2.5^2.7^2
29:              372649725281^10,  B2 231
30:            10303^6 => 127.2087122493.P13,  B1 97
31:              4513076485163^2 => 19^2.1033.7581127.P13,  B1 145
32:                7204504086883^2 => 3...,  S 3^4.5^2.19^2.31^2
33:                7204504086883^4,  B3 170
34:              4513076485163^4 => 11...,  S 3^2.5^2.11^2.31^2
35:              4513076485163^6 => 7...,  S 3^2.5^2.7^2
36:              4513076485163^10,  B2 253
37:            10303^10 => 1738389269.p31,  B1 149
38:              p31^2 => 3.271.n,  B1 214;  q^4, B2 247
40:            10303^12 => p49,  B1 173
41:            10303^16 => 17...,  S 3^2.5^2.17^2.31^2.101^2.127^2
42:            10303^18 => 191.761.n,  B1 178;  q^22, B2 176
44:          101^4 => 5.31.491.1381,  B1 44
45:            1381^2 => 3.7...,  S 3^4.5^2.7^2
46:            1381^4 => 5.811.1091.822761,  B1 76
47:              822761^2 => 7...,  S 3^2.5^4.7^2
48:              822761^4 => 5.11...,  S 3^2.5^4.11^2.31^2
49:              822761^6 => 87332057.231473537.P20,  B1 170
50:              822761^10 => 89.n,  B1 184
51:              822761^12 => 53.911.n,  B1 210;  q^16, B2 189
53:            1381^6 => 71.2087.P14,  B1 94
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54:            4684851[illegible]^2 => 3.13...,  S 3^4.5^2.13^2
55:            4684851[illegible]^4 => 5.11...,  S 3^2.5^4.11^2.31^2
56:            4684851[illegible]^6,  B2 164
57:          1381^10 => [illegible]1.31560079.P17,  B1 132
58:            8205693[illegible]659^2 => 73.n,  B1 168;  q^4, B3 166
60:          1381^12 => [illegible].P16,  B1 151
61:            P36^2 => [illegible],  S 3^4.5^2.7^2
62:            P36^4, [illegible]
63:          1381^16 => [illegible]0341.922801747819487909.p23,  B1 189
64:          1381^18 => [illegible] P52,  B1 207
65:          1381^22 => [illegible]...,  S 3^2.5^2.23^2.31^2.47^2.101^4.127^2
66:          1381^28, [illegible]
67:        101^6 => 71 [illegible],  B1 61
68:          1510049791^2 => P21,  B1 101
69:            2280250373564218836807^2 => 3.13...,  S 3^4.5^2.13^2
70:            2280250373564218836807^4,  B2 162
71:          15100497917^4 => 41.131.12671.83827171.P25,  B1 162
72:          15100497917^6 => 7...,  S 3^2.5^2.7^2
73:          15100497917^10,  B2 203
74:        101^10 => 23.1876403.P13,  B1 85
75:          2585122674619^2 => 3.7...,  S 3^4.5^2.7^2
76:          2585122674619^4 => 71...,  S 3^2.5^2.23^2.31^2.71^2.101^10.127^2.313^2
77:          2585122674619^6 => 197.n,  B1 211;  q^10, B2 248
79:        101^12 => 79.157.521.60919.p13,  B1 97
80:          2891083442729^2 => 73.13435141.P16,  B1 147
81:            8522287169499847^2 => 3.7...,  S 3^4.5^2.7^2
82:            8522287169499847^4,  B3 178
83:          2891083442729^4 => 11.31...,  S 3^2.5^2.11^2.31^2
84:          2891083442729^6 => 421.n,  B1 224;  q^10, B2 249
86:        101^16 => 239.40162093.P23,  B1 121
87:          1233812358044279747257l^2 => n,  B1 165;  q^4, B2 176
89:        101^18 => 7069.1808982826037837.P17,  B1 133
90:          94474298622267623^2 => 37.n,  B1 168;  q^4, B3 167
92:        101^22 => 47.p43,  B1 157
93:          p43^2,  B2 169
94:        101^28 => 10824711302231307209.p38,  B1 193
95:        101^30 => 26041.184087221748933.70458026227904971.p25,  B1 205
96:        101^36 => n,  B1 169;  q^40, B2 160
98:      1009^2 => 3.37.9181,  B1 34
99:        918[illegible] => 45[illegible],  B1 4[illegible]
100:         45[illegible]^2 => [illegible]3,  B1 51
101:           [illegible].2780923,  B1 70
102:             [illegible]^2 => [illegible]9.p12,  B1 95
103:               [illegible]629^2 => 3.1321.23011.P15,  B1 139
104:                 [illegible]3847^2 => 3.13.n,  B1 169;  q^4, B3 168
106:               [illegible]629^4 => 11.101.n,  B1 165
107:               [illegible]629^6 => n,  B1 206;  q^10, B2 222
109:             [illegible]^4 => 4[illegible] 9407336891.P15,  B1 134
110:               [illegible]1^2 => 67.n,  B1 165;  q^4, B3 163
112:             [illegible]^6 => [illegible].127.9857.3641611.10275301.p17,  B1 169
113:             [illegible]^10 => [illegible].n,  B1 187
114:             [illegible]^12 => [illegible].n,  B1 213;  q^16, B2 206
116:           [illegible]^4 => [illegible].3191.46411.22926121,  B1 98
117:             22926[illegible]^2 => [illegible].699157.250590853,  B1 128
118:               [illegible]^2 => 3.7...,  S 3^6.7^2.11^2.31^2.37^2
119:               [illegible]^4 => n,  B1 178;  q^6, B3 161
121:             22926121^4 => 5.11^2...,  S 3^4.5^2.11^4
122:             22926121^6 => 7...,  S 3^4.7^2.11^2.31^2.37^2
123:             22926121^10 => 661.n,  B1 234;  q^12, B2 176
125:           [illegible]^6 => 4[illegible].135913.141667.P14,  B1 127
126:             [illegible]^2 => 19.185167.49722523.P14,  B1 182
127:             [illegible]^4 => 11.701.n,  B1 213;  q^6, B3 182
129:           [illegible]^10 => 23.89.[illegible]447444661.p33,  B1 184
130:           [illegible].1358338049641.68513407781460409.p20,  B1 212
131:           [illegible]^16 => [illegible].n,  B1 198;  q^18, B2 170
133:         45[illegible]^4 => [illegible]^4.5^2.11^2
134:         459[illegible]^6 => [illegible],  B1 100
135:           [illegible] => 3.19.486583.P20,  B1 154
136:               [illegible]07^2 => 3.7...,  S 3^4.7^2.13^2.19^2.31^2
137:             [illegible]07^4,  B3 192
138:           [illegible] => [illegible]1.271.401.n,  B1 188;  q^6, B2 162
140:         45[illegible] => [illegible].30701466148519.p14,  B1 144
141:           [illegible] => [illegible].7.19.n,  B1 173;  q^4, B3 172
143:         [illegible].p42,  B1 166
144:         [illegible].1021.9558012330002962051552 33.p31,  B1 210
145:         [illegible].n,  B1 169;  q^22, B2 161
147:       91[illegible]^2 => [illegible].13.31...,  S 3^4.7^2.13.31^2.37^2.127^2
148:       91[illegible]^4 => [illegible].1.P12,  B1 75
149:         [illegible]^2 => 3.733.P19,  B1 118
150:           [illegible]0218847^2 => 3.34807.2729983.33567189193.P16,  B1 186
151:           [illegible]0218847^4 => n,  B1 231;  q^6, B2 226
153:         [illegible]^4 => 5.181.16381.4874056251580811.P22,  B1 183
154:         [illegible]^6 => n,  B1 186;  q^10, B2 221
156:       91[illegible]^6 => [illegible]431.15251867.P11,  B1 99
157:         [illegible]^2 => 3.541.25981.46153.204245563,  B1 137
158:           [illegible]^2 => 3.7.97.373.n,  B1 160
159:           [illegible]^4 => 11.71.n,  B1 190;  q^6, B3 170
161:         [illegible]^4 => 11.41.n,  B1 163
162:         [illegible]^6 => 7.127.n,  B1 201;  q^10, B2 205
164:       91[illegible]^10 => [illegible]5471.2813416783.p24,  B1 126
165:         [illegible]76237477849^1 => 3.5^2.7^2...,  S 3^4.5^2.7^2
166:         [illegible]76237477849^2 => 13.n,  B1 194;  q^4, B3 193
168:       91[illegible]^12 => [illegible]21.241229.2190130430567.P25,  B1 167
169:       91[illegible]^16 => [illegible]3.953.n,  B1 160
170:       91[illegible]^18 => [illegible]1 170;  q^22, B2 174
172:     1009^4 => [illegible],  B1 44
173:       103[illegible] => 3.p12,  B1 68
174:         [illegible]^2 => 3.13.167017549.p13,  B1 112
175:           [illegible]7^2 => 3.3523057633.p16,  B1 162
176:           [illegible]37^4 => 71.191.211.n,  B1 194;  q^6, B3 162
178:         [illegible]^4 => 11.61.1238551.34062268434687011.P20,  B1 180
179:         [illegible]^6 => 7.n,  B1 181;  q^10, B2 224
181:       103[illegible]^2 => 727.1399.8269.P15,  B1 100
182:         [illegible]9^2 => 3.43.61.109^2.373.50062963.9383676751,  B1 153
183:           [illegible]^2 => 3.n,  B1 172;  q^4, B3 173
185:         [illegible]9^4 => n,  B1 185;  q^6, B2 169
187:       103[illegible]^4 => 5.331.1001748481.8534349138335561.P20,  B1 160
188:       103[illegible]^6 => n,  B1 174;  q^10, B2 240
190:     1009^6 => [illegible]7297.1024823381,  B1 65
191:       102482[illegible]^1 => 3.11...,  S 3^4.7^2.11^2.29^2.31^2
192:       102482[illegible]^2 => [illegible]37987.p14,  B1 97
193:         [illegible]9^1 => 5...,  S 3^2.5^2.7^2
194:         [illegible]9^2 => 3.7.112927.8845231.P14,  B1 156
195:           [illegible]4643^2 => 3.61.n,  B1 184;  q^4, B3 183
197:         [illegible]9^4 => 11.41...,  S 3^2.7^2.11^2.29.31^2.41^2
198:         [illegible]9^6,  B2 161
199:       102482[illegible]^4 => 5...,  S 3^2.5.7^2
200:       102482[illegible]^6 => 7.1471.4271.884081512427.P35,  B1 210;  q^10, B2 180
202:     1009^10 => [illegible]47193.16441151.p14,  B1 97
203:       2322[illegible]^2 => 3.19.43.10987.431203,  B1 123
204:         4[illegible]^2 => [illegible].P11,  B1 145
205:           [illegible]9471^2 => 3.7.n,  B1 167;  q^4, B3 166
207:         4[illegible]^4 => 11.58411.p17,  B1 179
208:         4[illegible]^6 => 71.n,  B1 181;  q^10, B3 168
210:       2322[illegible]3621^2 => 7.5426779.P20,  B1 157
211:         [illegible]40741233771^2 => 3.7.43.163.n,  B1 199;  q^4, B3 195
213:       2322[illegible]3621^4 => 5.n,  B1 184;  q^6, B2 160
215:     1009^12 => [illegible]7.p34,  B1 94
216:       p34^1 => 4[illegible]83.1682207.29763857.p17,  B1 161
217:       p34^2 => [illegible].7.n,  B1 195;  q^4, B2 270
219:     1009^16 => [illegible]7.443.1531.83774233.49276157093.p22,  B1 143
220:       30[illegible]965600461029^1 => 5.13...,  S 3^2.5^2.13^2.31^2
221:       30[illegible]965600461029^2 => 3.7.61.127.n,  B1 198;  q^4, B3 197
223:     1009^18 => 40260089.91330330501.P36,  B1 171
224:     1009^22 => 139.1013.309811.P56,  B1 215;  q^28, B2 168
226:   5419^4 => 1031.P12,  B1 49
227:     836561914831^2 => 3.109.6157549.P15,  B1 89
228:       347568611538691^2 => 3.7^2.61.2377.20143639.p15,  B1 138
229:         281362890397573^1 => 42299.3325881113,  B1 167
230:         281362890397573^2 => 3.61.127.n,  B1 170;  q^4, B3 175
232:       347568611538691^4 => 5.11.n,  B1 178;  q^6, B2 174
234:     836561914831^4 => 5.11.61.401.14693608681.P32,  B1 159
235:       P32^2 => 3.n,  B1 221;  q^4, B2 251
237:     836561914831^6 => n,  B1 169;  q^10, B2 238
239:   5419^6 => 7.29.211.1499.475483.829621381,  B1 63
240:     829621381^1 => 414810691,  B1 80
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241:        414810691^2 => 3.13^2.3559.p11,  B1 111
242:          95359493521^2 => 3.103.271...,  S 3^4.7^2.13^2.29^2.103^2.127^2.211^2.271^2
243:          95359493521^4 => 5...,  S 3^2.5^2.7^2
244:          95359493521^6 => n,  B1 221;  q^10, B2 219
246:        414810691^4 => 5...,  S 3^2.5^2.7^2
247:        414810691^6 => 7.43.n,  B1 167;  q^10, B2 172
249:      829621381^2 => 3.1483.P15,  B1 105
250:        154702548132607^2 => 3.19.67.P25,  B1 162
251:        154702548132607^4 => 821.n,  B1 192;  q^6, B2 170
253:      829621381^4 => 5...,  S 3^2.5.7^2
254:      829621381^6 => 7.29.43.1363433.P44,  B1 204;  q^10, B2 178
256:    5419^10 => 67.33287.274121.43038337.p18,  B1 99
257:      830088529041623897^1 => 3.5101.P14,  B1 133
258:        27121758120683^2 => 7.79.139.283.n,  B1 167;  q^4, B3 160
260:      830088529041623897^2 => 24675748729.P26,  B1 178
261:      830088529041623897^4 => 31.101.n,  B1 220;  q^6, B2 215
263:    5419^12 => 53.12136610669.p33,  B1 106
264:      p33^1 => p33,  B1 171
265:      p33^2 => 3.n,  B1 195;  q^4, B2 263
267:    5419^16 => 1327.141101.23665157.P45,  B1 177
268:    5419^18 => 4561.7487.P60,  B1 203;  q^22, B2 164
270:  127^4 => 262209281,  B1 16
271:    262209281^1 => 3.3137.13931,  B1 33
272:      13931^2 => 194086693,  B1 49
273:        194086693^2 => 3.12277.740989.1380277,  B1 81
274:          1380277^2 => 3.229.2773167361,  B1 106
275:            2773167361^2 => 3.13.271.P15,  B1 143
276:              727642843683307^2 => 3.n,  B1 173;  q^4, B3 172
278:            2773167361^4 => 5.n,  B1 163
279:            2773167361^6 => 211.n,  B1 203;  q^10, B2 188
281:          1380277^4 => 31.131^2.13831.p15,  B1 139
282:            493295840179661^2 => 37.79.n,  B1 171;  q^4, B3 168
284:          1380277^6 => 71.p35,  B1 180
285:          1380277^10 => n,  B1 192
286:          1380277^12 => n,  B1 216;  q^16, B2 196
288:        194086693^4 => 11.31.91411.297841.817170061.P12,  B1 132
289:          187039475551^2 => 3.487.3049.4219.P13,  B1 176
290:          187039475551^4 => 5.11...,  S 3^2.5^2.11^2.31^2
291:          187039475551^6,  B3 177
292:        194086693^6 => 18195851983.28621397146301.p27,  B1 182;  q^10, B2 165
294:      13931^4 => 5.11.491.p13,  B1 74
295:        1394813567261^2 => 7...,  S 3^2.5^2.7^2
296:        1394813567261^4 => 5.11.151...,  S 3^2.5^2.11^2.127^4.151^2.491^2
297:        1394813567261^6 => n,  B1 195;  q^10, B2 242
299:      13931^6 => 7.3658159.p18,  B1 99
300:        285472521588928549^2 => 3.109.6178241683.P23,  B1 168
301:        285472521588928549^4 => 31.61.n,  B1 207;  q^6, B2 209
303:      13931^10 => 23^3.67.6733.200822829241.p21,  B1 146
304:        249789449906249446733^2 => 37.n,  B1 188;  q^4, B3 187
306:      13931^12 => 131.P48,  B1 173
307:      13931^16 => 409.n,  B1 160
308:     ‚13931^18 => 761.n,  B1 176;  q^22, B2 182
310:    262209281^2 => 13.1231.p13,  B1 46
311:      4296301150081^1 => 17443.123152587,  B1 70
312:        123152587^2 => 3.379.p14,  B1 103
313:          13339102733461^2 => 3.43.17491.93979.P15,  B1 154
314:            839108393120143^2 => 3.13.151.397.n,  B1 188;  q^4, B3 184
316:          13339102733461^4 => 5.31...,  S 3^2.5^2.13^2.31^2
317:          13339102733461^6 => 7.n,  B1 235;  q^10, B2 262
319:        123152587^4 => 102704422012531.P19,  B1 151
320:          2239675079541472691^2 => n,  B1 188;  q^4, B3 188
322:        123152587^6 => 3527557625467.P36,  B1 200;  q^10, B2 161
324:      4296301150081^2 => 3.61.5419.4015513.P13,  B1 102
325:        4635303278743^2 => 3.7.5197.947239753.p12,  B1 147
326:          207837725713^1 => 3109.33425173,  B1 169
327:          207837725713^2 => 3.7.n,  B1 172;  q^4, B3 172
329:        4635303278743^4 => 11.31.n,  B1 181
330:        4635303278743^6 => n,  B1 229;  q^10, B2 253
332:      4296301150081^4 => 5.p50,  B1 135
333:        p50^1 => 7^2.n,  B1 184;  q^2, B2 199
335:      4296301150081^6 => n,  B1 184;  q^10, B2 252
337:    262209281^4 => 5.11.421.14621.6579701.477869921.4440731591,  B1 100
338:      4440731591^2 => 7.31.79.6199.75181.2468269,  B1 139
339:        2468269^1 => 5.7.37.953,  B1 150
340:          953^2 => 181.5023,  B1 162
341:          953^4 => 41.n,  B1 170;  q^6, B3 162
343:        2468269^2 => 3...,  S 3^2.5.7^2
344:        2468269^4 => 71.n,  B1 179;  q^6, B3 164
346:      4440731591^4 => 5.1145018551.P29,  B1 195
347:      4440731591^6 => 29.n,  B1 198;  q^10, B2 192
349:    262209281^6 => 43.197.11593.589331.2393847653.P28,  B1 150
350:      2345859770241123348845770103^2 => 277.n,  B1 207;  q^4, B2 218
352:    262209281^10,  B2 168
353:  127^6 => 7.43.86353.162709,  B1 32
354:    162709^1 => 5.53.307,  B1 42
355:      307^2 => [illegible]...,  [illegible]^2.5^2.7^2
356:      307^4 => [illegible]231,  B1 67
357:        523[illegible]^2 => [illegible]99,  B1 80
358:          [illegible]^2 => [illegible]...,  S 3^2.5^2.7^2
359:          [illegible]^4 => [illegible]1551.5396621.12881171.26456251,  B1 146
360:            [illegible]^2 => [illegible]...,  S 3^2.5^2.7^2
361:            [illegible]^4,  B3 161
362:          [illegible]^6 => [illegible].624149.P30,  B1 186
363:          [illegible] => [illegible].67.n,  B1 202
364:          [illegible] => [illegible].79.n,  B1 225;  q^16, B2 210
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367:          249[illegible]^2 => P23,  B1 148
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369:            [illegible]440801583^4,  B3 194
370:          249[illegible]^4 => [illegible].41.251.n,  B1 176
371:          249[illegible] => 29.n,  B1 218;  q^10, B2 227
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384:          [illegible]^4 => [illegible]1.521.n,  B1 204;  q^6, B3 176
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391:        [illegible]65489^4 => 431.n,  B1 229;  q^6, B2 229
393:      [illegible]p23,  B1 123
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409:              [illegible].241.59809,  B1 156
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413:              [illegible]^6 => n,  B1 183;  q^10, B3 174
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416:            [illegible]^6 => n,  B1 173;  q^10, B3 161
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477:     925370433206515418[illegible] => 3.7.n,  B1 169;  q^4, B3 168
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490:     115370386473455611^[illegible] => [illegible].43.811.n,  B1 184;  q^4, B3 180
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571:         1631[illegible]4282493956886307^2 => 3.7.13...,  S 3^2.7^2.11^2.13.19^4
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680:            49936897^4 => n,  B1 176;  q^6, B3 161
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715:      39103^2 => 3.7561.67411,  B1 55
716:        67411^2 => 3.1514770111,  B1 74
717:          1514770111^2 => 3.70051.p14,  B1 102
718:            10918371332761^1 => 2063.7883.335689,  B1 128
719:              335689^2 => 3.7.13.2179.189433,  B1 149
720:                189433^2 => 3.n,  B1 160;  q^4, B3 160
722:              335689^4 => n,  B1 161
723:              335689^6 => 211.421.n,  B1 188;  q^10, B3 172
725:            10918371332761^2 => 3.7.13^2.697507.p17,  B1 148
726:              48157191511752781^1 => 103...,  S 3^4.7^2.13^2.19^6.103^2
727:              48157191511752781^2 => 3.13.n,  B1 194;  q^4, B3 193
729:            10918371332761^4 => 5.31.41...,  S 3^4.5.19^6.31^2.41^2
730:            10918371332761^6,  B3 162
731:          1514770111^4 => 5.14461.465931.P27,  B1 165
732:          1514770111^6 => 7.n,  B1 166;  q^10, B2 183
734:        67411^4 => 5.11...,  S 3^2.5.11^2.19^6
735:        67411^6 => 7.71.1667570614319.P15,  B1 132
736:          113227114128619^2 => 3.n,  B1 160;  q^4, B3 161
738:        67411^10 => 67.1901412708163.55564166198773.p21,  B1 175
739:        67411^12 => n,  B1 161
740:        67411^16 => n,  B1 200;  q^18, B2 173
742:      39103^4 => 11.57344741.3706509671,  B1 80
743:        3706509671^2 => 7.19^2.1171.p13,  B1 108
744:          4642673454589^1 => 5.179.11353.228457,  B1 133
745:            228457^2 => 3...,  S 3^2.5^2.7^2
746:            228457^4 => 11^2.n,  B1 165
747:            228457^6 => 29.43.n,  B1 190;  q^10, B3 176
749:          4642673454589^2 => 3.7.P25,  B1 162
750:          4642673454589^4 => 11.n,  B1 18[illegible];  q^6, B3 164
752:        3706509671^4 => 5.41.17791.158141.[illegible]4331.p18,  B1 166
753:        3706509671^6 => 197.n,  B1 178;  q^1[illegible], B2 191
755:      39103^6 => 7.43.7547.13004671.p15,  [illegible]
756:        121012813720289^1 => 3.5...,  S 3^[illegible].7^2
757:        121012813720289^2 => 19.670297.81[illegible].P13,  B1 163
758:        121012813720289^4 => n,  B1 195;  q^[illegible], B2 168
760:      39103^10 => 23.89.386919193.9927162[illegible]989.P19,  B1 155
761:        106303765034897986 7^2 => 7.13.n,  [illegible];  q^4, B3 191
763:      39103^12 => 53.274847.P48,  B1 193
764:      39103^1[illegible] => [illegible],  B1 179;  q^18, B2 165
766:    70841^4 [illegible],  B1 68
767:      116301[illegible]^2 => [illegible].43.373.p26,  B1 106
768:        2811[illegible]240809^1 => 5.131...,  S 3^2.5^2.19^6.43^2.61^2.71^2.131^2
769:        2811[illegible]240809^2 => 3.n,  B1 179;  q^4, B2 203
771:      116301[illegible]^4 => [illegible].71.203945906144095145206 1.P37,  B1 195;  q^6, B2 180
773:    70841^6 => [illegible],  B1 77
774:      988117[illegible]^1 => 3.5^3...,  S 3^2.5^4.7^2
775:      988117[illegible]^2 => 109.P44,  B1 188;  q^4, B2 183
777:    70841^10 => [illegible]4047.P38,  B1 156
778:      P38^2 => [illegible]...,  S 3^2.7^2.11^2.19^6.37^2
779:      P38^4,  [illegible]
780:    70841^12 => [illegible]04011.63631190731905536767.p26,  B1 162
781:    70841^16 => [illegible];  q^18, B2 174
783:  19^10 => 1[illegible],  B1 30
784:    6206002[illegible] => [illegible].673,  B1 44
785:      673^2 => [illegible].1201,  B1 55
786:        1512[illegible]^2 => 3.853.8933917,  B1 75
787:          89[illegible]^2 => 3.439.189337.320083,  B1 103
788:            [illegible]^2 => 3.P11,  B1 124
789:              [illegible].148991^2 => 3.2124921121.P12,  B1 166
790:              [illegible]148991^4 => 5.11...,  S 3^6.5^2.11^2
791:              [illegible].148991^6,  B3 166
792:            [illegible]^4 => 11.31.41.p18,  B1 158
793:              [illegible]814891[illegible]^2 => n,  B1 194;  q^4, B3 194
795:            [illegible]^6 => [illegible]679.63799247.P17,  B1 191
796:            [illegible]^10 => [illegible],  B1 206
797:            [illegible]^12 => [illegible],  B1 226;  q^16, B3 180
799:          89[illegible]^4 => [illegible].p26,  B1 143
800:            [illegible]503[illegible]0821^2 => 7...,  S 3^4.7^2.11^2.19^10
801:            [illegible]503[illegible]0821^4,  B2 205
802:          89[illegible]^6 => 19[illegible].1429.[illegible]2697.P32,  B1 186
803:          89[illegible]^10 => [illegible],  B1 204;  q^12, B2 166
805:        1512[illegible]^4 => 5...,  [illegible]^4.[illegible]^2.19^10.47^2.109^2
806:        1512[illegible]^6 => 7.2[illegible].26[illegible].P25,  B1 138
807:          4[illegible]5044[illegible]9^2 => 3.43...,  S 3^4.7^2.19^10.29^2.43^2.47^2.109^2
808:          4[illegible]5044[illegible]9^4,  B2 197
809:        1512[illegible] => 14[illegible]P46,  B1 200
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810:        151201^12 => n,  B1 169;  q^16, B2 165
812:      673^4 => 421.2531.192811,  B1 72
813:        192811^2 => 3.20323.609757,  B1 94
814:          609757^2 => 3.397.523.596899,  B1 116
815:            596899^2 => 3.7^2.31.7549.10357,  B1 137
816:              10357^2 => 3.7^2.13...,  S 3^6.7^4.13^2.19^10.31^2
817:              10357^4 => n,  B1 161
818:              10357^6 => n,  B1 177;  q^10, B3 169
820:            596899^4 => 201451858141.p12,  B1 174
821:            596899^6 => 43.n,  B1 175;  q^10, B3 162
823:          609757^4 => 11.151.705751.P15,  B1 151
824:            117925236645991^2 => 3.19.31.n,  B1 179;  q^4, B3 180
826:          609757^6 => 7.917141.p28,  B1 186
827:          609757^10 => [illegible]n,  B1 199
828:          609757^12 => [illegible].n,  B1 224;  q^16, B2 185
830:        192811^4 => 5. [illegible]..,  S 3^2.5^2.11^2.19^10
831:        192811^6 => 10[illegible]33713.46515617.p16,  B1 157
832:          299241933757[illegible]^2 => n,  B1 188;  q^4, B3 188
834:        192811^10 => 2[illegible].n,  B1 168
835:        192811^12 => n. [illegible]1 189;  q^16, B2 169
837:      673^6 => 7.88709 [illegible]149854447,  B1 89
838:        149854447^2 => [illegible]43.103.P13,  B1 122
839:          1690099754311^2 => 3.1327.20731.P17,  B1 170
840:          1690099754311^4 => 5...,  S 3^4.5^2.7^2
841:          1690099754311^6,  B3 171
842:        149854447^4 => 191.22091.38351.1350760001.P13,  B1 171
843:        149854447^6 => 7.673.n,  B1 167;  q^10, B2 163
845:      673^10 => 23.991.20021.P20,  B1 123
846:        41832052827966414311^2 => 7.31.n,  B1 165;  q^4, B3 163
848:      673^12 => 1251524428753.p22,  B1 140
849:        690855518022075633567 7^2 => 3.n,  B1 184;  q^4, B3 184
851:      673^16 => 243101.675071.P35,  B1 174
852:      673^18 => P51,  B1 191
853:      673^2[illegible]  B1 163
854:      673^2[illegible] => [illegible]929.n,  B1 203;  q^30, B2 169
856:    6206002[illegible] => [illegible]4,  B1 64
857:      17748[illegible] => 3.P27,  B1 117
858:        1050[illegible]093655187^2 => 3.n,  B1 169;  q^4, B2 208
860:      177486[illegible]^4 => 1171.145381.295225751.p37,  B1 165
861:      177486[illegible] => n,  B1 197;  q^10, B2 264
863:    62060021^4 => [illegible].23159681.61511921.p12,  B1 105
864:      116856[illegible] => [illegible]11.13...,  S 3^2.5^2.11^2.13^2
865:      116856[illegible] => [illegible].1249.p18,  B1 140
866:        5754[illegible]^1 => 389651.p12,  B1 175
867:        5754[illegible]^2 => 3.139.n,  B1 188;  q^4, B3 185
869:      116856[illegible] => [illegible].71.n,  B1 172
870:      116856[illegible] => [illegible]n,  B1 220;  q^10, B2 221
872:    62060021[illegible]14354013904889.P28,  B1 149
873:      204164[illegible]89024691^2 => n,  B1 204;  q^4, B2 218
875:    62060021[illegible] => [illegible],  B1 176;  q^12, B2 187
877:  19^12 => 5[illegible]8869,  B1 37
878:    133338869^1 => [illegible]...,  S 3^2.5^2.7^2
879:    133338869^2 => [illegible]3.316950847,  B1 70
880:      316950847^2 => [illegible],  B1 104
881:        3348594657[illegible]^2 => 3.7.31.433.P28,  B1 169
882:        3348594657[illegible]^4 => 211.n,  B1 206;  q^6, B2 198
884:      316950847^4 => [illegible]1.1951.1182431.2395275511.P12,  B1 155
885:        2907704869[illegible] => n,  B1 178;  q^4, B3 178
887:      316950847^6 => [illegible]7244884163.21414089265143.p27,  B1 188;  q^10, B2 170
889:    133338869^4 => [illegible],  B1 127
890:      P32^2 => 7.6[illegible]1 191;  q^4, B2 251
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894:  19^16 => 3044803[illegible],  B1 61
895:    99995282631947[illegible].87403.1311127.10050613.129574807,  B1 110
896:      129574807^2 => [illegible],  B1 142
897:        5596543579[illegible] => 3.73.n,  B1 175;  q^4, B3 174
899:      129574807^4 => [illegible]40307451.P21,  B1 191
900:      129574807^6 => [illegible].n,  B1 194;  q^10, B3 175
902:    99995282631947^4 => 119507174196006511.P39,  B1 201;  q^6, B2 167
904:  19^18 => p24,  B1 46
905:    10991220309223964384022 1^1 => 3262949.P17,  B1 91
906:      16842464147039939^2 => 7.1801.70537.18982297.P17,  B1 156
907:        16804815986052307^2 => 3.907.n,  B1 192;  q^4, B3 188
909:      16842464147039939^4 => 61.n,  B1 190;  q^6, B2 194
911:    [illegible]22396438402 21^2 => 3.13.157.183361.p38,  B1 124
912:      [illegible] => 37.211.n,  B1 164
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916:  19^2[illegible] => [illegible]2347.16497763013.P13,  B1 74
917:    [illegible]23^2 => 3.463.379687663.P13,  B1 122
918:      [illegible]0579^2 => 3.499159.1347919.P13,  B1 171
919:      [illegible]0579^4 => 11.n,  B1 198;  q^6, B3 172
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922:    133549[illegible] > 127...,  D;  q^10, B2 242
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925:    165049[illegible]3^2 => 3187.67057.604799557.P18,  B1 161
926:    165049[illegible]3^4 => 11.131.n,  B1 199;  q^6, B2 206
928:  19^30 => [illegible]
929:    p39^1 => [illegible]79.327689.886799.10857851.p11,  B1 152
930:      4883[illegible] => 3.163.283.691.n,  B1 182;  q^4, B3 174
932:    p39^2 => [illegible],  B1 192;  q^4, B2 307
934:  19^36 => [illegible]4588084451.P29,  B1 135
935:    214067[illegible]11281103559^2 => 7.31.853.n,  B1 197;  q^4, B2 226
937:  19^40 => [illegible]713456133.P35,  B1 143
938:    P35^2 => [illegible]212;  q^4, B2 272
940:  19^42 => [illegible]149688895557513.p29,  B1 132
941:    2846194[illegible]73894996037^1 => 7.223.n,  B1 164
942:    2846194[illegible]73894996037^2 => 3.67.97.397.433.n,  B1 202;  q^4, B2 227
944:  19^46 => [illegible]7
945:    p59^1 => [illegible].n,  B1 180;  q^2, B2 235
947:  19^52 => [illegible]21687153.255108985570167525 1204783.p26,  B1 173
948:  19^58 => [illegible]48
949:    p75^1 => [illegible]222;  q^2, B2 296
951:  19^60 => [illegible]3
952:    p77^1 => [illegible]1 231;  q^2, B2 306
954:  19^66, [illegible]
955:  7^2 => 19...,  D
956:  7^4 => 2801,  B1 6
957:    2801^1 => 3.467,  B1 13
958:      467^2 => 19...,  D
959:      467^4 => 11.31.41.3409261,  B1 39
960:        3409261^2 => 3.7.31.43...,  S 3^2.7^4.11^2.31^2.41^2.43^2
961:        3409261^4 => 5...,  S 3^2.5^2.7^4
962:        3409261^6 => 1009.44129.387199.p26,  B1 144
963:          910777201027417052531946 53^2 => 43...,  S 3^2.7^4.11^2.31^2.41^2.43^2
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966:        3409261^12 => 53...,  S 3^2.7^4.11^2.31^2.41^2.53^2.467^4
967:        3409261^16,  B2 209
968:      467^6 => 449.104707.221110919,  B1 55
969:        221110919^2 => 13.p16,  B1 89
970:          3760772209395037^2 => 3.7.2371.164173.741859.P16,  B1 148
971:            2332276869007711^2 => 19...,  D
972:            2332276869007711^4,  B3 179
973:          3760772209395037^4 => 41.n,  B1 184;  q^6, B2 186
975:        221110919^4 => 41.3994171.66010998331.p15,  B1 139
976:          221112832862321^2 => 31.151.n,  B1 171;  q^4, B3 167
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980:      467^10 => p27,  B1 87
981:        494424256962371823779424877^2 => 3.7.43.241.367^2.1117.1667227.628652797.124244862031.p14,
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983:      467^12 => 157.14610077.p23,  B1 103
984:        470090390424470302314 89^2 => 7.141408756390464993428 51.P23,  B1 192;  q^4, B2 181
986:      467^16 => 137.50287.180279447719577 77.P20,  B1 135
987:        41293199973948915847^2 => 3.619.n,  B1 177;  q^4, B3 175
989:      467^18 => 15473472960772434 7493.p28,  B1 151
990:        722848049902867272765513 9929^2 => 13.n,  B1 208;  q^4, B2 222
992:      467^22 => 1151.6121309138007161595 8083811.p30,  B1 183
993:      467^28 => 349.182353.173298607.n,  B1 173;  q^30, B2 160
995:    2801^2 => 37.43.4933,  B1 20
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997:        2467^2 => 3.271.7489,  B1 40
998:          7489^2 => 3.61.306517,  B1 55
999:            306517^2 => 3.13...,  S 3^4.7^4.13^2.37^2.43^2.61^2
1000:           306517^4 => 41081.59471.P13,  B1 110
1001:             3613045528091^2 => 181.124249.p18,  B1 160
1002:             3613045528091^4 => 5...,  S 3^2.5^2.7^4
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1007:      306517^10 => 67.12188089.30861871474787.1204468334955733.P18,  B1 208
1008:      306517^12 => n,  B1 175;  q^16, B2 175
1010:    7489^4 => 11.P15,  B1 79
1011:      285996443195311^2 => 19...,  D
1012:      285996443195311^4 => 5...,  S 3^2.5^2.7^4
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1014:    7489^6 => 29.21567673.P15,  B1 102
1015:      282097794109643^2 => 1693.622513.p20,  B1 160
1016:      282097794109643^4 => 151.n,  B1 191;  q^6, B2 173
1018:    7489^10 => 1321.25741.P32,  B1 149
1019:      P32^2 => 13.n,  B1 212;  q^4, B2 249
1021:    7489^12 => 13.53.161773.5187859.20437301.P25,  B1 172
1022:    7489^16 => 647.1192109.3264851.19405739.69662533.P32,  B1 218
1023:    7489^18 => 229.n,  B1 174;  q^22, B2 170
1025:  2467^4 => 11.331.p11,  B1 61
1026:    10177286401^2 => 3.7.13...,  S 3^2.7^4.11^2.13^2
1027:    10177286401^4 => 5.4021.1644691.8908465760191.p17,  B1 161
1028:    10177286401^6 => 43.68111.2215428813562615 1.106821915193868183.P21,  B1 217;  q^10, B2 200
1030:  2467^6 => 43.P19,  B1 78
1031:    5244722549705267119^2 => 3.73.127466959.1640101794427.P15,  B1 153
1032:      600803554877143^2 => 3.7.n,  B1 181;  q^4, B3 182
1034:    5244722549705267119^4 => 131.n,  B1 192;  q^6, B2 224
1036:  2467^10 => 23.89.P31,  B1 122
1037:    P31^2 => n,  B1 183;  q^4, B2 244
1039:  2467^12 => 79.P39,  B1 142
1040:    [illegible]^2 => 3.7.31^2.n,  B1 219;  q^4, B2 310
1042:  2467^16 => 12377.p51,  B1 183
1043:  2467^18 => 13187.P57,  B1 203
1044:  2467^22 => n,  B1 169;  q^28, B2 189
1046: 4933^2 => 127...,  D
1047: 4933^4 => [illegible]..31.7541.230329301,  B1 52
1048:   [illegible]^1 => 3.7^3...,  S 3^2.7^4.11^2.31^2.37^2.43^2
1049:   [illegible]^2 => 223.p15,  B1 80
1050:     [illegible]3854161^1 => 7.31.438833.1249121,  B1 103
1051:       [illegible]1^2 => 13.P12,  B1 127
1052:         [illegible]23424751^2 => 3.13...,  S 3^2.7^4.11^2.13^2
1053:         [illegible]23424751^4 => 5.31.n,  B1 196;  q^6, B3 172
1055:       124[illegible]1^4 => 5.11.881.1032851.p14,  B1 162
1056:       124[illegible]1^6 => n,  B1 164
1057:       124[illegible]1^10 => 67.n,  B1 215;  q^12, B3 164
1059:     2378[illegible]3854161^2 => 3.13...,  S 3^2.7^4.11^2.13.31^2
1060:     2378[illegible]3854161^4 => 5.241.n,  B1 179;  q^6, B2 172
1062:   230329[illegible]^4 => 5.11.191.565564190431.P18,  B1 138
1063:     4737[illegible]4196738971^2 => 127...,  D;  q^4, B3 174
1065:   230329[illegible]^6 => 29.43.547.25999.148781473163.P29,  B1 187;  q^10, B2 167
1067: 4933^6 => [illegible].p14,  B1 70
1068:   124004[illegible]23^2.151.77619973,  B1 92
1069:     7761[illegible].829.386641.895087,  B1 122
1070:       89[illegible].p11,  B1 143
1071:         [illegible] => 3.31^2.n,  B1 165;  q^4, B3 165
1073:       89[illegible] 61.181.n,  B1 164
1074:       89[illegible]  B1 182;  q^10, B3 170
1076:     7761[illegible]60351.P24,  B1 171
1077:     7761[illegible] => [illegible]n,  B1 173
1078:     7761[illegible] => n,  B1 234;  q^12, B2 189
1080:   124004[illegible] => 19...,  D
1081:   124004[illegible]^4 => 11.P52,  B1 210
1082:   124004[illegible]^6 => 7.827.n,  B1 212;  q^10, B2 261
1084: 4933^10 => [illegible].34156917917.P18,  B1 116
1085:   159091[illegible]^2 => 3.13.691.5005129.3968312611.P14,  B1 185
1086:   159091[illegible]^4 => 131.n,  B1 222;  q^6, B2 206
1088: 4933^12 => [illegible] p35,  B1 115
1089:   p35^1 => [illegible]49[illegible]477513.p18,  B1 183
1090:   p35^2 => [illegible],  B1 208;  q^4, B2 274
1092: 4933^16 => 4[illegible].4591.44711.P46,  B1 191
1093: 4933^18 => [illegible].p63,  B1 153
1094:   p63^1 => [illegible].401.n,  B1 222;  q^2, B2 248
1096: 4933^22,  B2 [illegible]
1097: 2801^4 => 5.[illegible].6294091,  B1 44
1098:   6294091^2 => [illegible]...,  S 3^2.5.7^4
1099:   6294091^4 => [illegible].2692801.P14,  B1 104
1100:     59376284[illegible]^2 => 3...,  S 3^2.5^2.7^4
1101:     59376284620771^4 => 5.41.151.n,  B1 192;  q^6, B2 165
1103:   6294091^6 => p41,  B1 112
1104:     p41^1 => 43.809.1523.P33,  B1 193;  q^2, B2 163
1106:   6294091^10 => 11.23.n,  B1 168;  q^12, B2 163
1108: 2801^6 => 7.[illegible]597.p13,  B1 51
1109:   28846290[illegible] => 3.P12,  B1 75
1110:     480771[illegible]^2 => 10099.P20,  B1 122
1111:       22887[illegible]3785399^2 => 3.7.10632289.1906532083.P22,  B1 197;  q^4, B3 161
1113:     480771[illegible]^4 => 61.101.5403481.p37,  B1 192
1114:     480771[illegible]^6 => 127...,  D;  q^10, B2 233
1116:   28846290[illegible]^2 => 619.p23,  B1 91
1117:     1344278[illegible]55269097^1 => p22,  B1 135
1118:       67213[illegible]2677634549^2 => 3.373.n,  B1 181;  q^4, B3 178
1120:     1344278[illegible]55269097^2 => 19...,  D;  q^4, B2 177
1122:   28846290[illegible]^4 => 11.281.421.4091.p41,  B1 148
1123:     p41^1 => [illegible],  B1 188;  q^2, B3 185
1125:   28846290[illegible] => 127...,  D;  q^10, B2 249
1127: 2801^10 => [illegible]37.10196539.45437789.P13,  B1 99
1128:   203312599[illegible] => 3.109.54907.p18,  B1 138
1129:     230225[illegible]757^1 => 2423.55163.861235321,  B1 172
1130:     230225[illegible]757^2 => 3.7.103.223.n,  B1 186;  q^4, B3 183
1132:   203312599[illegible] => 5.n,  B1 173
1133:   203312599[illegible] => 617.n,  B1 225;  q^10, B2 246
1135: 2801^12 => [illegible]2457.22867937.P24,  B1 120
1136:   7701464378[illegible]784879^2 => 3.7.43.n,  B1 169;  q^4, B2 191
1138: 2801^16 => 1460743.1155061928281837112683.p28,  B1 140
1139:   8511100827067585048127507893^1 => 73.n,  B1 170;  q^2, B3 168
1141: 2801^18 => 229.576613.1371021392040182353.P36,  B1 171
1142: 2801^22 => 47.599.7867.1174901503.n,  B1 172;  q^28, B2 193
1144: 7^6 => 29.4733,  B1 11
1145: 4733^1 => 3^2.263,  B1 17
1146:   263^2 => 7^2.13.109,  B1 23
1147:     109^2 => 3.7.571,  B1 30
1148:       571^2 => 3.7.103.151,  S 3^4.7^6.13^2.29^2.103^2.109^2.151^2
1149:       571^4 => 5...,  S 3^4.5^2.7^6
1150:       571^6 => 29^2.p14,  B1 71
1151:         41284013010997^2 => 3.13.43...,  S 3^4.7^6.13^2.29^4.43^2
1152:         41284013010997^4 => 11...,  S 3^4.7^6.11^2.13^2
1153:         41284013010997^6,  B2 163
1154:       571^10 => 419.2277499309493.P13,  B1 107
1155:         3867675755483^2 => 541.1279.25117.P15,  B1 157
1156:           860725245075571^2 => 3.n,  B1 187;  q^4, B3 187
1158:         3867675755483^4 => 151...,  S 3^4.7^6.13^2.29^2.109^2.151^2.263^2.419^2.571^10
1159:         3867675755483^6 => 7.n,  B1 232;  q^10, B2 251
1161:       571^12 => 79...,  S 3^4.7^6.13^2.29^2.79^2.109^2.263^2
1162:       571^16 => p45,  B1 157
1163:         p45^2,  B2 176
1164:       571^18 => 19...,  D
1165:       571^22 => 47...,  S 3^4.7^6.13^2.29^2.47^2.109^2
1166:       571^28 => n,  B1 179;  q^30, B2 165
1168:     109^4 => 31.191.24061,  B1 44
1169:       24061^2 => 19...,  D
1170:       24061^4 => 5...,  [illegible]^2.7^6
1171:       24061^6 => 29.382[illegible]p22,  B1 111
1172:         1750240756974145[illegible]^2 => 945649657.19063784705143.p21,  B1 196;  q^4, B2 169
1174:       24061^10 => 23...,  [illegible] 7^6.13^2.23^2.29^2.31^2
1175:       24061^12 => 66821.[illegible]8187223.P34,  B1 193
1176:       24061^16 => 307.n,  B1 [illegible]
1177:       24061^18 => 229.n,  B1 [illegible];  q^22, B2 192
1179:     109^6 => 113.281.5330[illegible],  B1 56
1180:       5[illegible]07^2 => 19...,  D
1181:       5[illegible]07^4 => 47711.P27,  B1 133
1182:         [illegible]46765597178624776935 91^2 => 3.7.13...,  S 3^4.7^6.13^2.29^2.109^6.113^2.263^2.281^2
1183:         [illegible]4676559717862477693591^4,  B2 209
1184:       5[illegible]07^6 => 127...,  D
1185:       5[illegible]07^10 => 89.617.n,  B1 200;  q^12, B2 185
1187:     109^[illegible] => 9967.p17,  B1 80
1188:       2[illegible]44503021153^2 => 7.p32,  B1 144
1189:         [illegible]^2 => 3.7.103.n,  B1 210;  q^4, B2 255
1191:       2[illegible]44503021153^4 => 31.421.n,  B1 183;  q^6, B2 196
1193:     109^12 => 292631.P19,  B1 93
1194:       9[illegible]967080761011^2 => 24967.3556843.p28,  B1 168
1195:       9[illegible]967080761011^4 => 5...,  S 3^2.5^2.7^6
1196:       9[illegible]967080761011^6,  B2 227
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1198:         p33^2 => 61.193.337.n,  B1 189;  q^4, B2 260
1200:       109^18 => 1787.p34,  B1 129
1201:         p34^2 => 7.13.n,  B1 194;  q^4, B2 267
1203:       109^22 => 5521.7039.454297.p32,  B1 154
1204:         p32^2 => 7.37.n,  B1 218;  q^4, B2 252
1206:       109^28 => 7193.73951.22601114563.p38,  B1 190
1207:       109^30 => 373.209623.118912328583511.P40,  B1 203
1208:       109^36 => n,  B1 166;  q^40, B2 162
1210:     263^4 => 4802611441,  B1 41
1211:       4802611441^2 => 3.103.151.223.10651.208124989,  B1 80
1212:         208124989^2 => 3.7.37.P14,  B1 111
1213:           55747762232143^2 => 3.7.67.17299.1578961.1692337.47783893,  B1 164
1214:           55747762232143^4 => 11...,  S 3^4.7^6.11^2.29^2.37^2
1215:           55747762232143^6,  B3 166
1216:         208124989^4 => 41.1471.P29,  B1 163
1217:         208124989^6 => n,  B1 163;  q^10, B2 166
1219:       4802611441^4 => [illegible]...,  S 3^2.5^2.7^6
1220:       4802611441^6 => 6[illegible]07.1983409.60895591.17431217950865286653.P21,  B1 196;  q^10, B2 193
1222:     263^6 => 239.721[illegible]192750517,  B1 56
1223:       192750517^2 => [illegible]57189.p11,  B1 89
1224:         78785754721^[illegible] => [illegible].7.434479.p15,  B1 130
1225:           6803107199[illegible]^2 => 3.7.13.73.97...,  S 3^6.7^6.13^2.29^2.73^2.97^2
1226:           6803107199[illegible]^4 => 11.n,  B1 220;  q^6, B3 189
1228:         78785754721^[illegible] => [illegible]...,  S 3^4.5^2.7^6
1229:         78785754721^[illegible] => 29.n,  B1 196;  q^10, B2 217
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1232:         48440270974670602294 31^2 => 13^2...,  S 3^2.7^6.11^2.13^2
1233:         4844027097467060229431^4,  B3 182
1234:       192750517^6 => 7.29.661459.1389277.557597259471113.P21,  B1 184;  q^10, B2 165
1236:     263^10 => 67.7591.p19,  B1 85
1237:       312491456274729454 9^2 => 19...,  D
1238:       3124914562747294549^4 => 71.151.691.n,  B1 203;  q^6, B2 221
1240:     263^12 => 677.301211.P21,  B1 99
1241:       5390933100594537903 43^2 => 3.5599146555434347.p26,  B1 182;  q^4, B2 165
1243:     263^16 => 84004624433.13016527353881.p15,  B1 128
1244:       481003352262457^2 => 19...,  D
1245:       481003352262457^4 => n,  B1 216;  q^6, B3 187
1247:     263^18 => p44,  B1 143
1248:       p44^2,  B2 174
1249:     263^22 => 47.5107.272509811686691.P34,  B1 172
1250:     263^28 => 59.349.18308281.46818679613.P46,  B1 215
1251:     263^30 => 57845061941.2367108092435807369 63.P42,  B1 230;  q^36, B2 174
1253:   4733^2 => 22406023,  B1 28
1254:     22406023^2 => 19...,  D
1255:     22406023^4 => 304018940824561.p15,  B1 88
1256:       829007553280001^1 => 3.P15,  B1 117
1257:         138167925546667^2 => 3.7.13.14449.p22,  B1 171
1258:         138167925546667^4 => 11.41.n,  B1 205;  q^6, B3 174
1260:       829007553280001^2 => 7.307.1543.301681.p18,  B1 143
1261:         687015720002749009^1 => 5.37.n,  B1 163
1262:         687015720002749009^2 => 19...,  D;  q^4, B3 182
1264:       829007553280001^4 => 5.41.151.n,  B1 183;  q^6, B2 179
1266:     22406023^6 => 211.449.62316423268709.P26,  B1 133
1267:       2143173690512221502410594 3^2 => 3.n,  B1 184;  q^4, B2 202
1269:     22406023^10 => n,  B1 160;  q^12, B2 176
1271:   4733^4 => 11.41.101.P11,  B1 50
1272:     11018941331^2 => 19...,  D
1273:     11018941331^4 => 5.1553418542761.p28,  B1 125
1274:       18980209146281868949239847 01^1 => 3...,  S 3^2.5^2.7^6
1275:       1898020914628186894923984701^2 => 13.n,  B1 195;  q^4, B2 218
1277:     11018941331^6 => 113.60089.1767059981.p45,  B1 168;  q^10, B2 200
1279:   4733^6 => 7.70001.69655517.329422297,  B1 63
1280:     329422297^1 => 4663.35323,  B1 80
1281:       35323^2 => 3.73.5697487,  B1 98
1282:         5697487^2 => 3.13.P12,  B1 124
1283:           832342661863^2 => 3.43...,  S 3^4.7^6.13^2.29^2.43^2
1284:           832342661863^4 => 11^2...,  S 3^2.7^6.11^2.13^2
1285:           832342661863^6,  B3 172
1286:         5697487^4 => 11^2.811.13626931.p15,  B1 164
1287:         5697487^6 => n,  B1 166
1288:         5697487^10 => n,  B1 220;  q^12, B3 166
1290:       35323^4 => 4241.p15,  B1 125
1291:         367091516400121^2 => 3.7.43.103.439.n,  B1 160
1292:         [illegible]6400121^4 => 5.n,  B1 213;  q^6, B3 184
1294:       [illegible] => 7.106961.961003.p16,  B1 151
1295:         2[illegible]41734753^2 => n,  B1 182;  q^4, B3 182
1297:       [illegible] => 23.67.n,  B1 165
1298:       [illegible] => 79^2.131.n,  B1 182
1299:       [illegible] => n,  B1 216;  q^18, B2 163
1301:     32[illegible] => 3.13.397.1423.2131.2311333,  B1 98
1302:       [illegible] => 41.71.397,  B1 107
1303:         [illegible] => 3.31...,  S 3^2.7^6.13^2.29^2.31^2.41^2
1304:         39[illegible]^4 => p11,  B1 133
1305:           [illegible]25661^2 => 19...,  D
1306:           [illegible]25661^4 => 5...,  S 3^2.5^2.7^6
1307:           [illegible]25661^6,  B3 174
1308:         [illegible]^6 => 127...,  D
1309:         397^10 => 11...,  S 3^2.7^6.11^2.13^2
1310:         397^12 => n,  B1 164
1311:         397^16 => 137.n,  B1 187
1312:         397^18 => n,  B1 195
1313:         397^22 => 47...,  S 3^2.7^6.13^2.29^2.41^2.47^2.71^2
1314:         397^28,  B3 174
1315:       2311333^2 => 3.p13,  B1 118
1316:         1780754182741^1 => P12,  B1 142
1317:           890377091371^2 => 3.n,  B1 167;  q^4, B3 166
1319:         1780754182741^2 => 3.7.1351093.35941459.3109622749,  B1 168
1320:         1780754182741^4 => 5...,  S 3^2.5.7^6
1321:         1780754182741^6,  B3 172
1322:       2311333^4 => 31.101051.84438671.P12,  B1 162
1323:       2311333^6 => n,  B1 162
1324:       2311333^10 => 419.n,  B1 215;  q^12, B3 162
1326:     329422297^4 => 181.2161.28015921.p22,  B1 136
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1328:       1074666521961382602401^2 => 7.31.241.709.n,  B1 197;  q^4, B3 191
1330:     329422297^6 => 7.29.337.1634305793.1675411861177363.P22,  B1 194;  q^10, B2 170
1332:   4733^10 => 23^2.89.800251343.p24,  B1 92
1333:     1497561694334036133171 61^1 => 19...,  D
1334:     149756169433403613317161^2 => 3.433.n,  B1 162;  q^4, B2 185
1336:   4733^12 => 13.53.349108900426565231 69.p22,  B1 118
1337:     525472120563558064 6501^1 => 6004651.10688807.40935743,  B1 161
1338:     5254721205635580646501^2 => 19...,  D
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1340:   4733^16 => 63284371.7563524537.781662598788159 8827.p23,  B1 162
1341:   4733^18 => 1787.58217.68166590347557994264460 6417.p32,  B1 175;  q^22, B2 161
1343: 7^10 => 1123.293459,  B1 25
1344:   293459^2 => 277.310897033,  B1 38
1345:     310897033^1 => 7.263.84437,  B1 53
1346:       84437^2 => 61.5023.23269,  B1 73
1347:         23269^2 => 3.43.619.6781,  B1 90
1348:           6781^2 => 3.37.414313,  B1 105
1349:             414313^2 => 3.7^2.13...,  S 3^4.7^10.13^2.37^2.43^2.61^2
1350:             414313^4 => 11^2.11321.p17,  B1 159
1351:               21510233728457701^2 => 3...,  S 3^4.7^10.11^2.37^2.43^2
1352:               21510233728457701^4,  B3 191
1353:             414313^6 => 953.n,  B1 164
1354:             414313^10 => n,  B1 206;  q^12, B3 161
1356:           6781^4 => 5...,  S 3^2.5^2.7^10
1357:           6781^6 => 29.P22,  B1 152
1358:             3352961130596029024703^2 => 31.n,  B1 196;  q^4, B3 195
1360:           6781^10 => 67.n,  B1 161
1361:           6781^12 => n,  B1 175
1362:           6781^16 => n,  B1 205
1363:           6781^18 => n,  B1 220;  q^22, B2 168
1365:         23269^4 => 11.672151.p11,  B1 116
1366:           39652448401^2 => 3.2829217.p15,  B1 159
1367:             185247563104753^2 => 3.7.31.751.n,  B1 190;  q^4, B3 187
1369:           39652448401^4 => 5.11.n,  B1 180
1370:           39652448401^6 => 43.883.n,  B1 227;  q^10, B2 211
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1388:        84437^12 => 79.n,  B1 163
1389:        84437^16 => 443.n,  B1 203;  q^18, B2 177
1391:      310897033^2 => 3.139.1667353.139017523,  B1 75
1392:        139017523^2 => 3.523.1950391.6315307,  B1 106
1393:          6315307^2 => 19...,  D
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1399:        139017523^4 => 131.38903141.P23,  B1 155
1400:          73286203525352337924791^2 => 7.n,  B1 200;  q^4, B3 200
1402:        139017523^6 => 7.29.71.281.n,  B1 161;  q^10, B2 162
1404:      310897033^4 => 160651.5492801.7795811.15221321.89222701,  B1 124
1405:        89222701^1 => 44611351,  B1 139
1406:          44611351^2 => 3.439.p13,  B1 170
1407:          44611351^4 => 5.11.n,  B1 187;  q^6, B3 170
1409:        89222701^2 => 3.13.p15,  B1 149
1410:          204120268280977^1 => 7.23.37.n,  B1 165
1411:          204120268280977^2 => 3.13.457.n,  B1 186;  q^4, B3 185
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1414:        89222701^6 => 7.29.463.n,  B1 207;  q^10, B3 188
1416:      310897033^6 => 71.197.1709.87202669.2161081063.P27,  B1 175;  q^10, B2 169
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1430:      14704759932870383252 81^1 => 3^2.n,  B1 178;  q^2, B3 169
1432:    293459^12 => 49999.P61,  B1 211;  q^16, B2 174
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1435:    16148168401^1 => 103.709.110563,  B1 40
1436:      110563^2 => 3.17971.226741,  B1 60
1437:        226741^2 => 3.7^4.1867.3823,  B1 74
1438:          3823^2 => 3.4873051,  B1 88
1439:            4873051^2 => 19...,  D
1440:            4873051^4 => 5...,  S 3^4.5^2.7^12
1441:            4873051^6 => 7.29.71.9311.1862687.4580731.P20,  B1 193
1442:            4873051^10 => 23.397.n,  B1 212;  q^12, B2 160
1444:          3823^4 => 41.p13,  B1 109
1445:            5211310507321^2 => 3.7^2.13.4519.P19,  B1 157
1446:              3144784374425079307^2 => 3.n,  B1 193;  q^4, B3 194
1448:            5211310507321^4 => 5...,  S 3^2.5^2.7^12
1449:            5211310507321^6,  B3 160
1450:          3823^6 => 7.29.491.p17,  B1 129
1451:            313301066[illegible]58892441^2 => 19...,  D;  q^4, B3 162
1453:          3823^10 => 42307.85009.P27,  B1 174
1454:          3823^12 => 13.10687.31721.369097.22260629.P21,  B1 195
1455:          3823^16 => n,  B1 181
1456:          3823^18 => n,  B1 195
1457:          3823^22 => 47.829.n,  B1 229;  q^28, B2 200
1459:        226741^4 => 5...,  S 3^2.5^2.7^12
1460:        226741^6 => [illegible]97.94907.3727678613.p16,  B1 146
1461:          19497517899 15161^2 => 193.n,  B1 178;  q^4, B3 176
1463:        226741^10 => [illegible]0253.66529.6894921691421288911.p26,  B1 210
1464:        226741^12 => [illegible],  B1 178;  q^16, B2 171
1466:      110563^4 => [illegible],  B1 90
1467:        14943185417[illegible]2538041^2 => 7^2.37.103.249470743.12246841879.p17,  B1 163;  q^4, B2 161
1469:      110563^6 => [illegible].36107.140533.P19,  B1 120
1470:        318577[illegible]84931^2 => 3.103.65119.P30,  B1 190
1471:        318577[illegible]84931^4 => 5.11^2.n,  B1 232;  q^6, B2 222
1473:      110563^10 => [illegible]8537.43287773.P38,  B1 181
1474:      110563^12 => [illegible]19.27829610537.549068487193315955077.P26,  B1 211;  q^16, B2 161
1476:    1614816840[illegible]^2 => [illegible].433.p18,  B1 54
1477:      20074160[illegible]897^1 => 7^2.4966373.412450637,  B1 84
1478:        41245063[illegible]^2 => 7.p17,  B1 117
1479:          2430221[illegible]65201^2 => 3.4759.46489.809359.p19,  B1 182
1480:          243022[illegible]165201^4 => 5...,  S 3^2.5^2.7^12
1481:          243022[illegible]165201^6,  B2 196
1482:        41245063[illegible]^4 => 11.31.110713695745721.p18,  B1 170
1483:        41245063[illegible]^6 => n,  B1 170;  q^10, B2 172
1485:      20074160[illegible]897^2 => 3.1327.2630809123.59954796907.P11,  B1 137
1486:        641[illegible]^2 => 3.P22,  B1 180
1487:        641[illegible]^4 => 61.601.n,  B1 206;  q^6, B3 180
1489:      20074160[illegible]897^4 => 191.n,  B1 174;  q^6, B2 207
1491:    1614816840[illegible]^4 => [illegible].61.p39,  B1 94
1492:      p39^1 => 6[illegible].26956151.P25,  B1 170
1493:      p39^2 => [illegible]...,  S 3^2.5.7^12
1494:      p39^4,  B2 206
1495:    1614816840[illegible]^6 => [illegible]3.911.3938257.445646455759.p38,  B1 155
1496:      p38^1 => [illegible],  B1 196;  q^2, B3 185
1498:    1614816840[illegible],  [illegible]2 204
1499: 7^16 => 14009.[illegible].689,  B1 31
1500:    2[illegible]6716 89^1 => [illegible]63169,  B1 49
1501:      2[illegible]63169^2 => [illegible]...,  D
1502:      2[illegible]63169^4 => [illegible].2621.345221.9327281.P16,  B1 133
1503:        [illegible]^2 => 3...,  S 3^2.5^2.7^16
1504:        [illegible]^4,  B3 165
1505:      2[illegible]^6 => [illegible]197.449.92779.290627.P34,  B1 184;  q^10, B2 168
1507:    2[illegible]^2 => [illegible].109.751.2659.34199239,  B1 69
1508:      [illegible]^2 => [illegible].43.103.139.1567.4441,  B1 96
1509:        4441^1 => 222[illegible],  B1 103
1510:          222[illegible]^2 => [illegible].7.235003,  B1 115
1511:            235003^2 => 19...,  D
1512:            235003^4 => [illegible]93877591.P14,  B1 169
1513:            235003^6 => 29...,  S 3^4.7^16.13^2.29^2.43^2
1514:            235003^10 => 23...,  S 3^4.7^16.13^2.23^2.43^2
1515:            235003^12,  B3 169
1516:          222[illegible]^4 => [illegible]...,  S 3^2.5^2.7^16
1517:          222[illegible]^6 => [illegible]1429.p16,  B1 157
1518:            [illegible]98753^2 => 109.n,  B1 185;  q^4, B3 187
1520:          222[illegible]^10 => [illegible]...,  S 3^2.7^16.13^2.23^2.43^2.103^2.109^2.139^2
1521:          222[illegible]^12 => [illegible]9.n,  B1 180
1522:          222[illegible]^16 => [illegible],  B1 204
1523:          222[illegible]^18 => [illegible]7.n,  B1 220;  q^22, B3 170
1525:        4441^2 => [illegible].6575641,  B1 108
1526:          6[illegible]^1 => 3287821,  B1 121
1527:            [illegible]^2 => 3.965647.3731443,  B1 146
1528:              [illegible]443^2 => 3.7.3049.6709.32413,  B1 171
1529:              [illegible]443^4 => 31...,  S 3^4.7^16.13^2.31^2.43^2.103^2
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1531:            [illegible]^4 => 5...,  S 3^4.5^2.7^16
1532:            [illegible]^6 => 43.n,  B1 185;  q^10, B3 173
1534:          6[illegible]64^2 => 19...,  D
1535:          6[illegible]64^4 => 5...,  S 3^4.5.7^16
1536:          6[illegible]64^6 => 29...,  S 3^4.7^16.13.29^2.43^2.103^2
1537:          6[illegible]64[illegible],  B3 165
1538:        4441^4 => [illegible]...,  S 3^2.5.7^16
1539:        4441^6 => [illegible]1.119655719.P11,  B1 155
1540:          247[illegible]^2 => 3.31...,  S 3^4.7^16.13.31^2.43^2.103^2
1541:          247[illegible]^4,  B3 175
1542:        4441^10 => [illegible].199...,  S 3^2.7^16.13.23^2.43^2.103^2.109^2.139^2.199^2
1543:        4441^12 => [illegible]b.n,  B1 178
1544:        4441^16 => [illegible],  B1 206
1545:        4441^18 => [illegible].n,  B1 223;  q^22, B3 169
1547:      341992[illegible]^4 => [illegible].P29,  B1 144
1548:        44[illegible]345349953741 91^2 => 7.n,  B1 201;  q^4, B2 229
1550:      341992[illegible]^6 => [illegible].211.5923.32999.5977948054670257.p17,  B1 176
1551:      341992[illegible]^10 => n,  B1 204;  q^12, B2 180
1553:    27676316 89^4 => [illegible].5228501.323352761.P22,  B1 126
1554:      [illegible]28094651^2 => 3.7^3.n,  B1 167;  q^4, B2 171
1556:    2767631689^6 => 127...,  D;  q^10, B2 188
1558: 7^18 => 4[illegible].P[illegible],  B1 45
1559:    45[illegible]4040[illegible]^2 => 31.199.229.373.8263.P13,  B1 93
1560:      4[illegible]2169724498[illegible]^2 => 3.7.37.101173.248875867.1139535451,  B1 140
1561:        1139535451^2 => 3.95239.877543.5179063,  B1 175
1562:        1139535451^4 => 5...,  S 3^2.5.7^18
1563:        1139535451^6,  B3 176
1564:      4[illegible]2169724498[illegible]^4 => n,  B1 169
1565:      4[illegible]2169724498[illegible]^6 => 29.n,  B1 222;  q^10, B2 253
1567:    45[illegible]16674040[illegible]^4 => 11^2.131.4071031.19199332631.388940209901.P18,  B1 158
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1570:     4534166740403^6 => n,  B1 172;  q^10, B2 253
1572: 7^22 => 47.3083.p14,  B1 42
1573:     31479823396757^1 => 3.11.577.826632619,  B1 68
1574:       826632619^2 => 3.157.859.1117.3769.401173,  B1 103
1575:         401173^2 => 127...,  D
1576:         401173^4 => 11.31.2861.12301.p13,  B1 157
1577:           2158316902961^2 => 7.n,  B1 181;  q^4, B3 182
1579:         401173^6 => 29.n,  B1 161
1580:         401173^10 => 199.n,  B1 206
1581:         401173^12 => 53.n,  B1 228;  q^16, B3 181
1583:       826632619^4 => p36,  B1 157
1584:         p36^2 => 193.643.n,  B1 234;  q^4, B2 285
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1589:       1331399425301563^2 => 3.7.696451621.p21,  B1 148
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1604:     39990882793994644O9^1 => 5.43.89.3917.P11,  B1 94
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1625:     4805345109492315767981401^2 => 3.7.5659.p45,  B1 144
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1629: 7^40 => 83.20515909.P25,  B1 94
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1632: 7^42 => 166003607842448777.p19,  B1 88
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1637:       181810157^4 => n,  B1 173
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1640:     2192537062271178641^2 => 19...,  D
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1649: 7^58 => 459257.134927809.550413361.p27,  B1 120
1650:     354639323684545612988577649^1 => 5^2.16453.117781303.P13,  B1 171
1651:     354639323684545612988577649^2 => 3.7.13.n,  B1 192;  q^4, B2 212
1653: 7^60 => 367.4759.177237331.P37,  B1 152
1654:     P37^2 => 3.607.n,  B1 228;  q^4, B2 290
1656: 7^66 => 228337.147300841.206244761.p35,  B1 133
1657:     p35^1 => 3.n,  B1 167
1658:     p35^2 => 7.163.n,  B1 228;  q^4, B2 272
1660: 7^70 => 990643452963163.P45,  B1 177
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1664: 7^78 => 9132424073676108436768l2931.P40,  B1 197
1665: 7^82 => 167.66733.76066181.7685542369.62911130477521.303567967057423.p17,  B1 191
1666: 7^88 => 1805633.184896053147409877659l3.p46,  B1 177;  q^96, B2 162

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1669: 11^4 => 5.3221,  B1 9
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1673:       93853931^2 => 19...,  D
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1680:     179^12 => 79...,  S 3^2.5^2.11^4.79^2.179^12
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1698:     10378063^4 => 11.33151.p23,  B1 72
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1705:         p33^1 => 5.23...,  S 3^2.5^2.11^4.23^2
1706:         p33^2,  B3 184
1707:       31810898376456201755581^4,  B2 180
1708:     10378063^6 => 127...,  D
1709:     10378063^10 => 23.1195278922619.9794878649711.P44,  B1 222;  q^12, B2 168
1711:   3221^4 => 5.11.P13,  B1 43
1712:     1957650063931^2 => 7...,  D
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1721:       5967393583602244674 41^2 => 7...,  D;  q^4, B3 178
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1728:   3221^16 => 1429.12547.22951667.p42,  B1 132
1729:     p42^1 => 3.13...,  S 3^2.5^2.11^4.13^2
1730:     p42^2,  B3 170
1731:   3221^18 => 1597.926933268290090 3447.949708770873 3775013.p22,  B1 172
1732:   3221^22 => 23.47.n,  B1 162;  q^28, B2 196
1734: 11^6 => 43.45319,  B1 18
1735:   45319^2 => 127...,  D
1736:   45319^4 => 151.P17,  B1 65
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1746:   45319^10 => 23.38677.1806482129.1670048579431.p20,  B1 130

1747:     1361662180025496566 9^1 => 3.5...,  S 3^2.5^2.11^6.23^2
1748:     13616621800254965669^2 => 7...,  D;  q^4, B3 178
1750:   45319^12 => 13.79.24576241.254169641233.P35,  B1 165
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1753: 11^10 => 15797.1806113,  B1 25
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1756:      17707^4 => p17,  B1 79
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1758:          143590301611^2 => 127...,  D;  q^4, B3 169
1760:        98311534883794601^4 => 5...,  S 3^2.5^2.11^10.17^2
1761:        98311534883794601^6,  B2 203
1762:      17707^6 => p26,  B1 104
1763:        30824387179353424155370957^2 => 3.1213.79423.P43,  B1 205;  q^4, B2 203
1765:      17707^10 => 1013.394300646587.P28,  B1 155
1766:        75864301875465441121063817472 => 3.163.n,  B1 213;  q^4, B2 223
1768:      17707^12 => 13.8528599.18103947594851.p30,  B1 181
1769:      17707^16 => 137^2.n,  B1 164
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1774:      69710210289691^2 => 3.P28,  B1 141
1775:        1619837806211003561450388391^2 => 127...,  D;  q^4, B2 217
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1779:    1806113^6 => 7...,  D
1780:    1806113^10 => 11.199.155697059523919.398749653853719592 61.p26,  B1 178
1781:    1806113^12 => 313.n,  B1 167;  q^16, B2 200
1783: 11^12 => 1093.3158528101,  B1 28
1784:    3158528101^1 => 1579264051,  B1 46
1785:      1579264051^2 => 19...,  D
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1792:      3325433255988398101^1 => 17.11719.269117.31012561,  B1 93
1793:        31012561^2 => 3.p15,  B1 122
1794:          320592990263761^2 => 3.1579.3187.p22,  B1 180
1795:          320592990263761^4 => 5...,  S 3^2.5^2.11^12.17^2
1796:          320592990263761^6,  B3 180
1797:        31012561^4 => 5...,  S 3^2.5^2.11^12.17^2
1798:        31012561^6 => 71.n,  B1 170
1799:        31012561^10 => n,  B1 228;  q^12, B2 179
1801:      3325433255988398101^2 => 3.3196717033.p28,  B1 121
1802:        1153110751423583890061382397^1 => 7...,  D
1803:        1153110751423583890061382397^2 => 3.13.n,  B1 194;  q^4, B2 216
1805:      3325433255988398101^4 => 5.n,  B1 184;  q^6, B2 222
1807:    3158528101^4 => 5.11^2.31.4491267603001.P22,  B1 115
1808:      1181552381011924006951^2 => 3.37...,  S 3^2.5.11^12.31^2.37^2
1809:      1181552381011924006951^4,  B2 168
1810:    3158528101^6 => 7...,  D;  q^10, B2 189
1812: 11^16 => p17,  B1 33
1813:    505447028499293771^1 => 23.4591.p12,  B1 66
1814:      239337374873^2 => 127...,  D
1815:      239337374873^4 => 11.101.6421.13831.782671.56468006409121.P15,  B1 177
1816:      239337374873^6 => 967.n,  B1 182;  q^10, B2 227
1818:    50544702849929377^2 => 3.31.37.3529.123127.4416852373.p12,  B1 105
1819:      386855506153^1 => 13.43.18503.18701,  B1 127
1820:        18701^2 => 7...,  D
1821:        18701^4 => 5...,  S 3^2.5^2.11^16.13^2
1822:        18701^6 => 127...,  D;  q^10, B3 162
1824:      386855506153^2 => 7...,  D
1825:      386855506153^4 => 151.n,  B1 178
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1828:    50544702849929377^4 => 37721621798058891122049 31.P43,  B1 217;  q^6, B2 200
1830: 11^18 => p19,  B1 37
1831:    6115909044841454629^1 => 5.31.70911041.278218153,  B1 74
1832:      278218153^2 => 3...,  S 3^2.5^2.11^18.31^2
1833:      278218153^4 => 11.31.61.691.23251.40841.3737791.P12,  B1 153
1834:        117442848251^2 => 79.n,  B1 177;  q^4, B3 176
1836:      278218153^6 => 337.n,  B1 161;  q^10, B2 168
1838:    6115909044841454629^2 => 3.79.17881.353461951.p23,  B1 109
1839:      2497118870124639349969 3^1 => 148913.60025093.1396830683,  B1 153
1840:        1396830683^2 => 19...,  D;  q^4, B3 171
1842:      24971188701246393499693^2 => 7...,  D;  q^4, B2 179
1844:    6115909044841454629^4 => 101.n,  B1 169;  q^6, B2 225
1846: 11^22 => 829.28878847.P13,  B1 65
1847:    3740221981231^2 => 3.73.283.487.811.1692283.337708039,  B1 116
1848:      337708039^2 => 7...,  D
1849:      337708039^4 => 11.41.971.n,  B1 170
1850:      337708039^6 => 29.n,  B1 202;  q^10, B3 184
1852:    3740221981231^4 => 5.283541.51360941.83871721.66933648671.P18,  B1 186
1853:    3740221981231^6 => 7...,  D;  q^10, B2 251
1855: 11^28 => 523.P27,  B1 87
1856:    303309617049998388989376043^2 => 3.571.1879.115327.4100539.22718419879.p25,
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1858: 11^30 => 50159.2428541.P21,  B1 87
1859:    1575719575846022587992 => 3.316926683894353432 63.p21,  B1 154
1860:      26114264569488822790 9^1 => 19...,  D
1861:      261142645694888227909^2,  B3 168
1862:    157571957584602258799^4,  B2 161
1863: 11^36 => 2591.36855109.136151713.P19,  B1 104
1864:    2615418118891695851^2 => 331.1129.16363.53611.172153.P18,  B1 178
1865:    2615418118891695851^4 => 5.211.n,  B1 217;  q^6, B2 221
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1879:    P40^2 => 7...,  D;  q^4, B2 318
1881: 11^58 => 1181.70845409351.P47,  B1 178
1882: 11^60 => 440177.520518327319589.p43,  B1 145
1883:    p43^1 => 31.n,  B1 188;  q^2, B3 172
1885: 11^66 => 15277.2160349.76394148218203559.P42,  B1 199
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1891: 31^2 => 3.331,  B1 8
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1895:      63601^2 => 3.2203.612067,  B1 47
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1897:          26010319^2 => 3.43.9949.527135461,  B1 95
1898:            527135461^1 => 7...,  D
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1901:                207469^2 => 3.37...,  S 3^6.5^2.31^2.37^2.43^2
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1903:              2246354414917^2 => 7...,  D
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1906:            527135461^4 => 5.491.2537551.3563501.p19,  B1 171
1907:            527135461^6 => 29.n,  B1 188;  q^10, B2 174
1909:          26010319^4 => 11...,  D
1910:          26010319^6 => 29.71.P42,  B1 189
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1913:        612067^4 => 11...,  D
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1915:        612067^10 => 67.397.1453.69442146841.439603198057.P28,  B1 202
1916:        612067^12 => 13.n,  B1 176;  q^16, B2 185
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1919:        50408381^1 => 3.8401397,  B1 86
1920:          8401397^2 => 7...,  D
1921:          8401397^4 => 11...,  D
1922:          8401397^6 => 281.77659267884072001.P23,  B1 197
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1934:        1539295634290340976189184549^1 => 11...,  D
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1938:      63601^12 => 157.191621.30963286783037373883.P31,  B1 192
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1942:     604842197^1 => 3.1373.73421,  B1 56
1943:       73421^2 => 823.6550081,  B1 75
1944:         6550081^2 => 3.409.p11,  B1 103
1945:           34966232809^2 => 19...,  D
1946:           34966232809^4 => 461.n,  B1 169
1947:           34966232809^6 => 29.n,  B1 210;  q^10, B2 210
1949:         6550081^4 => 5.701.p24,  B1 144
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1957:           7462277702052301^2 => 7...,  D
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1959:         149622301^4 => 11...,  D
1960:         149622301^6 => 29.n,  B1 188;  q^10, B3 170
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1965:       73421^10 => 331.14238121414897796 66087.P25,  B1 187
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1970:       3658340838766290 07^2 => 19...,  D
1971:       365834083876629007^4 => 41.n,  B1 185;  q^6, B2 210
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1990:     p31^2 => 7...,  D;  q^4, B2 245
1992:   331^28 => 59.110267770812013954 42849.P47,  B1 193
1993:   331^30 => 311.1117.4902713.29458195409.2236471251785237.P38,  B1 215;  q^36, B2 181
1995: 31^4 => 11...,  D
1996: 31^6 => 917087137,  B1 17
1997:   917087137^1 => 11...,  D
1998:   917087137^2 => 3.43.4447.38047.38533987,  B1 62
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2000:     38533987^4 => 93151.347071.p20,  B1 118
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2006:     38533987^6 => 11243.2402107.412544161.p27,  B1 157
2007:       293845257832885292724744317^1 => 3.n,  B1 183;  q^2, B3 175
2009:     38533987^10 => 67.947.n,  B1 204;  q^12, B2 182
2011:   917087137^4 => 31747594185191.P23,  B1 116
2012:     222808414701073017 59731^2 => 19...,  D;  q^4, B2 178
2014:   917087137^6 => 7...,  D;  q^10, B2 179
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2017:   150332843^2 => 211.840241.127473943,  B1 71
2018:     127473943^2 => 7...,  D
2019:     127473943^4 => 11...,  D
2020:     127473943^6 => 21728981.74739449.24535058270740753.p18,  B1 190;  q^10, B2 162
2022:   150332843^4 => 6158702739701.p20,  B1 106
2023:     82932783659784864101^1 => 11...,  D
2024:     82932783659784864101^2 => 7...,  D
2025:     82932783659784864101^4 => 5.811.n,  B1 236;  q^6, B2 239
2027:   150332843^6 => 113.4945369090710721.p32,  B1 144
2028:     p32^1 => 3.47.79.n,  B1 179
2029:     p32^2 => 13.n,  B1 223;  q^4, B2 250
2031:   150332843^10,  B2 163
2032: 31^12 => 42407.2426789.7908811,  B1 47
2033:   7908811^2 => 3.43.73.349.571.33331,  B1 74
2034:     33331^2 => 7...,  D
2035:     33331^4 => 5.4451.87541.633530171,  B1 120
2036:       633530171^2 => p18,  B1 144
2037:         401360478200819413^1 => 179.n,  B1 163
2038:         401360478200819413^2 => 3.13...,  S 3^2.5.13^2.31^12.43^2.73^2
2039:         401360478200819413^4,  B3 190
2040:       633530171^4 => 5.31^2.41.181.n,  B1 173
2041:       633530171^6 => 7...,  D
2042:       633530171^10,  B3 190
2043:     33331^6 => 71.113.39887.473971.P13,  B1 147
2044:       9040306524047^2 => n,  B1 173;  q^4, B3 173
2046:     33331^10 => 11...,  D
2047:     33331^12 => 53.n,  B1 176
2048:     33331^16 => n,  B1 210;  q^18, B2 162
2050:   7908811^4 => 11...,  D
2051:   7908811^6 => 7...,  D
2052:   7908811^10 => 23.67.89.n,  B1 176;  q^12, B2 165
2054: 31^16 => p24,  B1 47
2055:   751670559138758105956097^1 => 11...,  D
2056:   751670559138758105956097^2 => 19...,  D;  q^4, B2 191
2058: 31^18 => 571.14251.p20,  B1 60
2059:   887706663326107621 69^1 => 11...,  D
2060:   887706663326107621 69^2 => 3.9285003751.P30,  B1 160
2061:   887706663326107621 69^4 => 41.n,  B1 200;  q^6, B2 239
2063: 31^22 => 1509997.61562537.p19,  B1 79
2064:   717637476132373311 7^1 => 73.167.988007.297903607,  B1 116
2065:     297903607^2 => 3.307.13933.6915876949,  B1 150
2066:       6915876949^2 => 7...,  D;  q^4, B3 170
2068:     297903607^4 => n,  B1 167
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2072:     p33^1 => 11...,  D;  q^2, B3 166
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2076: 31^28 => 349.10789.49823.1482570191.11242578713.p12,  B1 114
2077:   189343400041^1 => 311.304410611,  B1 135
2078:     304410611^2 => p17,  B1 169
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2081:   189343400041^2 => 3.13.272571007.P13,  B1 160
2082:   189343400041^4 => 11...,  D;  q^6, B3 160
2084: 31^30 => p45,  B1 89
2085:   p45^1 => 71713.p40,  B1 178;  q^2, B2 179
2087: 31^36 => 149.4219.152597832677.257803457371.386626708057.p14,  B1 147
2088:   52812493022953^1 => 7...,  D
2089:   52812493022953^2 => 3.61.n,  B1 179;  q^4, B3 176
2091: 31^40 => 83.4248179715443317 6612759.p36,  B1 143
2092:   p36^1 => n,  B1 178;  q^2, B3 178
2094: 31^42 => 146982701137.p52,  B1 136
2095:   p52^1 => 7...,  D;  q^2, B2 205
2097: 31^46 => 3128573142495569.17094298450284596969 6543.P30,  B1 190
2098: 31^52 => 218149.2210276655188599.n,  B1 170;  q^58, B2 172
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2101: 13^2 => 3.61,  B1 4
2102:   61^1 => 31,  D
2103:   61^2 => 3.13.97,  B1 8
2104:     97^1 => 7...,  D
2105:     97^2 => 3.3169,  B1 15
2106:       3169^1 => 5...,  S 3^4.5^2.13^2
2107:       3169^2 => 3.3348577,  B1 25
2108:         3348577^1 => 1674289,  B1 37
2109:           1674289^2 => 3.p12,  B1 62
2110:             934415109937^2 => 127...,  D
2111:             934415109937^4 => 17200201.p41,  B1 182
2112:             934415109937^6 => 7...,  D;  q^10, B2 239
2114:           1674289^4 => p25,  B1 99
2115:             785817968566155891771082 1^2 => 270241.837937.3345409.984243979.p23,
                     B1 199;  q^4, B2 199
2117:           1674289^6 => 7...,  D
2118:           1674289^10 => 11...,  D
2119:           1674289^12 => n,  B1 174;  q^16, B2 199
2121:         3348577^2 => 3.p13,  B1 45
2122:           3737657091169^1 => 5...,  S 3^6.5^2.13^2
2123:           3737657091169^2 => 3.181.26042690887.P12,  B1 104
2124:             987900542491^2 => 7...,  D
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2126:             987900542491^6 => 127...,  D;  q^10, B2 239
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2131:           3737657091169^6 => 7...,  D
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2134:           145312185781144855l^2 => 199.182701.3478781116501.P17,  B1 157
2135:             16694867096928847^2 => 3.103.673.n,  B1 194;  q^4, B3 189
2137:           145312185781144855l^4 => 31...,  D
2138:           145312185781144855l^6,  B2 217
2139:         3348577^6 => 7...,  D
2140:         3348577^10 => 11...,  D
2141:         3348577^12 => 313.443.937.n,  B1 180;  q^16, B2 208
2143:       3169^4 => 61.p13,  B1 37
2144:         1653850268201^1 => 19...,  D
2145:         1653850268201^2 => 78049.1577431459.p11,  B1 88
2146:           22216443433^1 => 41.53.71.71999,  B1 108
2147:             71999^2 => 7...,  D
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2153:           22216443433^2 => 7...,  D
2154:           22216443433^4 => 1199813191.P33,  B1 197
2155:           22216443433^6 => 743.n,  B1 200;  q^10, B2 206
2157:         1653850268201^4 => 5.6474751.P42,  B1 170
2158:         1653850268201^6 => n,  B1 170;  q^10, B2 244
2160:       3169^6 => 71.491.8429.P13,  B1 70
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2162:           5031807024001464757^1 => 211.1103.P14,  B1 142
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2166:           5031807024001464757^4 => 41.n,  B1 232;  q^6, B2 224
2168:         3447899565839^4 => 11...,  D
2169:         3447899565839^6 => 7...,  D;  q^10, B2 250
2171:       3169^10 => 11...,  D
2172:       3169^12 => 53.13751549137.51206126365213.p17,  B1 121
2173:         27495050288861117^1 => 3.181.p14,  B1 152
2174:           25317725864513^2 => n,  B1 179;  q^4, B3 179
2176:         27495050288861117^2 => 7...,  D
2177:         27495050288861117^4 => n,  B1 222;  q^6, B2 197
2179:       3169^16 => 103.5458633.P48,  B1 172
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2181:       3169^22 => n,  B1 164;  q^28, B2 196
2183:     97^4 => 11...,  D
2184:     97^6 => 43.967.20241187,  B1 41
2185:       20241187^2 => 3.72229.1890771811,  B1 66
2186:         1890771811^2 => 3.2017.6829.152407.567661,  B1 102
2187:           152407^2 => 3.7742682019,  B1 122
2188:             7742682019^2 => 127...,  D
2189:             7742682019^4 => 41.n,  B1 183;  q^6, B3 162
2191:           152407^4 => 41.267270691.P11,  B1 153
2192:             49236515971^2 => 3.43.n,  B1 174;  q^4, B3 175
2194:           152407^6 => 3515044995197.p19,  B1 172
2195:           152407^10 => 23.89.n,  B1 198
2196:           152407^12 => n,  B1 216;  q^16, B3 174
2198:         1890771811^4 => 11...,  D
2199:         1890771811^6 => 127...,  D;  q^10, B2 185
2201:       20241187^4 => 31...,  D
2202:       20241187^6 => 7...,  D
2203:       20241187^10 => n,  B1 172;  q^12, B2 175
2205:     97^10 => 89.P18,  B1 64
2206:       837197335075000483^2 => 3.P36,  B1 136
2207:         P36^2 => 19...,  D
2208:         P36^4,  B2 282
2209:       837197335075000483^4 => n,  B1 171;  q^6, B2 215
2211:     97^12 => 53.79.20359.p16,  B1 62
2212:       822435615534l457^1 => 11...,  D
2213:       822435615534l457^2 => 43.79^2.4657.1079059.P17,  B1 134
2214:         50156791927903603^2 => 3.37.n,  B1 169;  q^4, B3 167
2216:       822435615534l457^4 => 191.n,  B1 174;  q^6, B2 190
2218:     97^16 => p32,  B1 70
2219:       p32^1 => 11...,  D
2220:       p32^2 => 31...,  D;  q^4, B2 254
2222:     97^18 => 21433.280314943.p23,  B1 91
2223:       971991583454816l1029493^1 => 13^2.29.101.151.1109.p12,  B1 134
2224:         586297360433^2 => 2089.12475678441.P11,  B1 181
2225:         586297360433^4 => 11...,  D;  q^6, B3 181
2227:       971991583454816l1029493^2 => 3.7239072467504749.p30,  B1 176;  q^4, B2 183
2229:     97^22 => 47.10021699.160026187716961.P21,  B1 123
2230:       68588038551312046417 9^2 => 19...,  D
2231:       685880385513120464179^4,  B2 166
2232:     97^28 => 243311.105668621839502584913.P31,  B1 153
2233:       P31^2 => 19...,  D;  q^4, B2 241
2235:     97^30 => 894227.5234599.P47,  B1 184
2236:     97^36 => p72,  B1 149
2237:       p72^1 => 11...,  D;  q^2, B2 286
2239:     97^40 => n,  B1 164;  q^42, B2 166
2241:   61^4 => 5.131.21491,  B1 23
2242:     21491^2 => 421.1097113,  B1 35
2243:       1097113^1 => 548557,  B1 47
2244:         548557^2 => 7...,  D
2245:         548557^4 => 11...,  D
2246:         548557^6 => 2311.5349886613.p22,  B1 139
2247:           2203874382642540199649^2 => 19...,  D
2248:           2203874382642540199649^4,  B3 181
2249:         548557^10 => P58,  B1 208
2250:         548557^12 => 131.n,  B1 171;  q^16, B2 183
2252:       1097113^2 => 3.37.5743.1888171,  B1 62
2253:         1888171^2 => 3...,  S 3^4.5.13^2.37^2.61^4
2254:         1888171^4 => 5...,  S 3^2.5^2.13^2.37.61^4
2255:         1888171^6 => 43...,  S 3^2.5.13^2.37^2.43^2.61^4
2256:         1888171^10 => 23^2...,  S 3^2.5.13^2.23^2.37^2
2257:         1888171^12 => 53...,  S 3^2.5.13^2.37^2.53^2.61^4.131^2
2258:         1888171^16,  B2 200
2259:       1097113^4 => 311.881.22511.p15,  B1 87
2260:         234895531489741^1 => 79...,  S 3^2.5^2.13^2.61^4.79^2.131^2
2261:         234895531489741^2 => 19...,  D
2262:         234895531489741^4 => 5...,  S 3^2.5^2.13^2.61^4.131^2.311^2.421.881^2
2263:         234895531489741^6,  B2 172
2264:       1097113^6 => 43.113.1287161692889297.p18,  B1 121
2265:         2788229754846845 41^1 => ...,  S 3^2.5^2.13^2.43^2.61^4
2266:         278822975484684541^2 => 3.37...,  S 3^2.5.13^2.37^2.43^2.61^4
2267:         278822975484684541^4 => 11...,  D
2268:         278822975484684541^6,  B2 209
2269:       1097113^10 => 23...,  S 3^2.5.13^2.23^2.61^4.131^2
2270:       1097113^12 => 53.313.n,  B1 176;  q^16, B2 193
2272:     21491^4 => 31...,  D
2273:     21491^6 => 7...,  D
2274:     21491^10 => 23...,  S 3^2.5.13^2.23^2.61^4.131^2
2275:     21491^12 => 8581.5781439.P42,  B1 167
2276:     21491^16 => 137.1361.380461.5609838841.1984523607510683.P34,  B1 214
2277:     21491^18 => n,  B1 171;  q^22, B2 190
2279:   61^6 => P11,  B1 35
2280:     52379047267^2 => 3.6619231.p15,  B1 63
2281:       138161295607249^1 => 5^3.53.61...,  S 3^2.5^4.13^2.53^2.61^6
2282:       138161295607249^2 => 3.67.16603.10822630597.p12,  B1 122
2283:         528515019661^1 => 7...,  D
2284:         528515019661^2 => 3.6102253.27763969.549568273,  B1 169
2285:         528515019661^4 => 5...,  S 3^4.5.13^2.61^6.67^2
2286:         528515019661^6,  B3 170
2287:       138161295607249^4 => 491.911.n,  B1 167;  q^6, B2 169
2289:     52379047267^4 => 297134095231.P32,  B1 142
2290:       P32^2 => n,  B1 205;  q^4, B2 251
2292:     52379047267^6 => 7...,  D;  q^10, B2 214
2294:   61^10 => 199.859.P13,  B1 56
2295:     4242586390571^2 => 19...,  D
2296:     4242586390571^4 => 5.151.761.37571.p41,  B1 142
2297:       p41^1 => 3.17...,  S 3^2.5^2.13^2.17^2
2298:       p41^2,  B3 180
2299:     4242586390571^6 => 113.n,  B1 183;  q^10, B2 252
2301:   61^12 => 187123.P17,  B1 67
2302:     14421466756460791^2 => 3.73.367.1133191.P22,  B1 129
2303:       228352394863485548661l^2 => 19...,  D
2304:       228352394863485548661l^4,  B3 172
2305:     14421466756460791^4 => 11...,  D
2306:     14421466756460791^6,  B2 193
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2307:   61^16 => 103.P27,  B1 88
2308:     3627594377435089551046467592 => 13.27397.412621813.p39,  B1 153
2309:       p39^1 => n,  B1 192;  q^2, B3 184
2311:     36275943774350895510464675^4,  B2 212
2312:   61^18 => 229.P30,  B1 97
2313:     6071278182877313216605774270512 => 3.97.1063.60091.76469299.n,  B1 174;  q^4, B2 238
2315:   61^22 => 47.p38,  B1 83
2316:     p38^1 => 5^2...,  S 3^2.5^2.13^2.47^2.61^22
2317:     p38^2 => 3.61.n,  B1 192;  q^4, B2 300
2319:   61^28 => 12703.37991.59503651.129924628343.p23,  B1 130
2320:     2658225651993679477540^1 => 3.6733.18451.22571.1580015219,  B1 174
2321:     2658225651993679477540^2 => 7...,  D;  q^4, B3 198
2323:   61^30 => 1489.P51,  B1 160
2324:   61^36 => p65,  B1 131
2325:     p65^1 => n,  B1 195;  q^2, B2 257
2327:   61^40 => 83.5413.26873095187.p56,  B1 162
2328:   61^42 => 5956707000538571084106691363703.p45,  B1 183;  q^46, B2 164
2330: 13^4 => 30941,  B1 8
2331:   30941^1 => 3^4.191,  B1 15
2332:     191^2 => 7...,  D
2333:     191^4 => 11...,  D
2334:     191^6 => 127...,  D
2335:     191^10 => 34179328063.P13,  B1 79
2336:       1900421426047^2 => 7...,  D
2337:       1900421426047^4 => 31...,  D
2338:       1900421426047^6 => 43.n,  B1 203;  q^10, B2 245
2340:     191^12 => 131.1483.9049.92041.301627.48552947,  B1 92
2341:       48552947^2 => 7...,  D
2342:       48552947^4 => 11...,  D
2343:       48552947^6 => 29.631.n,  B1 174
2344:       48552947^10 => 23.n,  B1 232;  q^12, B2 184
2346:     191^16 => p37,  B1 120
2347:       p37^2 => 3.157.n,  B1 196;  q^4, B2 291
2349:     191^18 => 19...,  D
2350:     191^22 => 47.139.41615143.65741959.12070833277819.P18,  B1 161
2351:     191^28 => 523.1145849.7498509527.238463492857.p34,  B1 202
2352:     191^30 => 62683.85103272256409254 09.P45,  B1 216;  q^36, B2 164
2354:   30941^2 => 157.433.14083,  B1 28
2355:     1408[illegible] => 3.4591.14401,  B1 43
2356:       144[illegible]^1 => 19...,  D
2357:       144[illegible]^2 => 7...,  D
2358:       144[illegible]^4 => 5.41.93871.2235195191,  B1 86
2359:         [illegible]195191^2 => 223.144967.p12,  B1 115
2360:           [illegible]4545688753^1 => ...,  S 3^2.5^2.13^4.41^2.157^2
2361:           [illegible]4545688753^2 => 19...,  D
2362:           [illegible]4545688753^4 => 11...,  D
2363:           [illegible]4545688753^6,  B3 169
2364:         [illegible]195191^4 => 11...,  D
2365:         [illegible]195191^6 => 29...,  S 3^2.5.13^4.29^2.41^2.157^2
2366:         [illegible]195191^10,  B2 186
2367:       144[illegible]6 => 6343.34721.47462563.853390763,  B1 109
2368:         [illegible]90763^2 => 1531.P15,  B1 145
2369:           4[illegible]5686345674143^2 => 7...,  D;  q^4, B3 175
2371:         [illegible]90763^4 => 11...,  D
2372:         [illegible]90763^6 => 7...,  D;  q^10, B3 181
2374:       144[illegible]10 => 23^2.1871.3499.3917.340583.p23,  B1 138
2375:         [illegible]4370595060262182526l^1 => 59.n,  B1 163
2376:         [illegible]4370595060262182526l^2 => 3.n,  B1 203;  q^4, B3 203
2378:       144[illegible]12 => 1804219.6535049.P37,  B1 182
2379:       144[illegible]16 => 137.443.n,  B1 174
2380:       14401^18 => [illegible].n,  B1 189;  q^22, B2 182
2382:     14083^4 => [illegible],  D
2383:     14083^6 => [illegible],  B1 72
2384:       780192[illegible]3459681093^1 => 17.9133.P20,  B1 122
2385:         25125[illegible]02138527^2 => 31...,  D;  q^4, B3 160
2387:       780192[illegible]3459681093^2 => 31...,  D;  q^4, B2 199
2389:     14083^10 => 4[illegible]45777657.p29,  B1 118
2390:       6485217[illegible]41955185923109^1 => 5.735349796563.p16,  B1 175
2391:       6485217[illegible]41955185923109^2 => 7...,  D;  q^4, B2 230
2393:     14083^12 => [illegible]48,  B1 169
2394:     14083^16 => [illegible]834505641003.P50,  B1 219
2395:     14083^18 => [illegible],  B1 169;  q^22, B2 182
2397:   30941^4 => 11...,  D
2398:   30941^6 => 7...,  D
2399:   30941^10 => 23.4027.P40,  B1 139
2400:     P40^2 => 19...,  D;  q^4, B2 319
2402:   30941^12 => 13.53.79.2393.10068227440673533.P30,  B1 147
2403:     5870622525168804864106621916472 => 7...,  D;  q^4, B2 238
2405:   30941^16 => 17.55829.30982393921.94355327820089003.P39,  B1 209;  q^18, B2 161
2407: 13^6 => 5229043,  B1 20
2408:   5229043^2 => 31...,  D
2409:   5229043^4 => 151.151841.P20,  B1 82
2410:     32607907713428723311^2 => 3.4992178363.p29,  B1 136
2411:       70996104180895725120735321697^1 => n,  B1 165;  q^2, B3 160
2413:     32607907713428723311^4 => 11...,  D;  q^6, B2 234
2415:   5229043^6 => 7...,  D
2416:   5229043^10 => 23.27457.38611.373559364091.P46,  B1 203;  q^12, B2 161
2418: 13^10 => 23.419.859.18041,  B1 29
2419:   18041^1 => 31...,  D
2420:   18041^2 => 7...,  D
2421:   18041^4 => 5.2680[illegible],  B1 64
2422:     790579404481^1 => [illegible]...,  D
2423:     790579404481^2 => [illegible]3.32443.P18,  B1 116
2424:       4939754652857[illegible]^2 => 3.13.193.211.4357.2528385577.p17,  B1 172
2425:       4939754652857[illegible]^4 => n,  B1 223;  q^6, B2 212
2427:     790579404481^4 => [illegible].....,  D
2428:     790579404481^6 => [illegible],  B1 190;  q^10, B2 237
2430:   18041^6 => 197.75[illegible]4507.p13,  B1 88
2431:     9108709959749^1 => [illegible].5^3...,  S 3^2.5^4.13^10.23^2
2432:     9108709959749^2 => 2[illegible]7.236773.10723561.P12,  B1 146
2433:       117967608271^2 => [illegible]...,  D;  q^4, B3 168
2435:     9108709959749^4 => [illegible]...,  D
2436:     9108709959749^6 => [illegible]..,  D;  q^10, B2 259
2438:   18041^10 => 11...,  D
2439:   18041^12 => 588043.110285890904411.p32,  B1 146
2440:     p32^1 => 3^2.41.701.n,  B1 182;  q^2, B3 178
2442:   18041^16 => 307.n,  B1 163
2443:   18041^18 => 457.n,  B1 178;  q^22, B2 187
2445: 13^12 => 53.264031.1803647,  B1 38
2446:   1803647^2 => 31...,  D
2447:   1803647^4 => 41.53738676221.p13,  B1 90
2448:     4803254465101^1 => 37.101.642661823,  B1 114
2449:       642661823^2 => 171980953.2401511401,  B1 150
2450:         2401511401^2 => 7...,  D;  q^4, B3 168
2452:       642661823^4 => 131.n,  B1 169
2453:       642661823^6 => 659.n,  B1 205;  q^10, B3 185
2455:     4803254465101^2 => 3.151.2719.9697.87421.p11,  B1 142
2456:       22095845017^1 => 13.849840193,  B1 160
2457:       22095845017^2 => 3.n,  B1 162;  q^4, B3 163
2459:     4803254465101^4 => 11...,  D
2460:     4803254465101^6 => 7...,  D;  q^10, B2 253
2462:   1803647^6 => 8737.2064077.327668647153.p16,  B1 124
2463:     5826213364117301^1 => 3^2.13.22273.1117871311,  B1 152
2464:       1117871311^2 => 7...,  D;  q^4, B3 170
2466:     5826213364117301^2 => 97.787.n,  B1 165;  q^4, B3 160
2468:   1803647^10 => 13729.7400153443.116489924189.455350252171.p26,  B1 189
2469:   1803647^12 => 13.131.n,  B1 177;  q^16, B2 200
2471: 13^16 => 103.443.p14,  B1 40
2472:   15798461357509^1 => 5.13.73.21487.77477,  B1 63
2473:     77477^2 => 193.271.114769,  B1 83
2474:       114769^2 => 7...,  D
2475:       114769^4 => 41.97802791.P11,  B1 134
2476:         43268024731^2 => 3.13...,  S 3^2.5^2.13^16.41^2.73^2
2477:         43268024731^4 => 31...,  D;  q^6, B3 176
2479:       114769^6 => 29.55511.1493913401.p15,  B1 164
2480:       114769^10 => n,  B1 174
2481:       114769^12 => 53.n,  B1 196;  q^16, B2 161
2483:     77477^4 => 11...,  D
2484:     77477^6 => 7...,  D
2485:     77477^10 => [illegible]67.23167330357931.p33,  B1 200
2486:     77477^12 => [illegible]547.n,  B1 175
2487:     77477^16 => [illegible].953.n,  B1 215;  q^18, B2 176
2489:   1579846135[illegible] => 3.p26,  B1 80
2490:     83197127[illegible]04524014197^1 => 277288183141.P15,  B1 131
2491:       1500197[illegible]39^2 => 7...,  D;  q^4, B3 160
2493:     83197127[illegible]04524014197^2 => 31...,  D;  q^4, B2 207
2495:   1579846135[illegible] => 41.9221.288197171658101.p33,  B1 152
2496:     p33^1 => [illegible]1.n,  B1 190;  q^2, B3 171
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2498:     15798461357509^6 => n,  B1 185;  q^10, B2 263
2500:  13^18 => 12865927.p13,  B1 47
2501:    9468940004449^1 => 5^2.17.59.151.1250413,  B1 71
2502:      1250413^2 => 3...,  S 3^2.5^2.13^18.17^2
2503:      1250413^4 => 585691.P19,  B1 132
2504:        417393534645362455l^2 => 7...,  D;  q^4, B3 169
2506:      1250413^6 => 29.43.71.7048567.83513081.p17,  B1 168
2507:      1250413^10 => 23.67.n,  B1 184
2508:      1250413^12 => n,  B1 205;  q^16, B2 195
2510:    9468940004449^2 => 7...,  D
2511:    9468940004449^4 => 911.7338571546216666972607 41.P26,  B1 166
2512:    9468940004449^6 => 463.n,  B1 192;  q^10, B2 259
2514:  13^22 => 1381.P22,  B1 70
2515:    2519545342349331183143^2 => 127...,  D;  q^4, B2 171
2517:  13^28 => 1973.2843.3539.p21,  B1 72
2518:    846041103974872866961^1 => 11...,  D
2519:    846041103974872866961^2 => 3.11959.85093.79236309623407.p19,  B1 158
2520:      2959025653654433029^1 => 5.n,  B1 177;  q^2, B3 172
2522:    846041103974872866961^4,  B2 167
2523:  13^30 => 311.1117.p28,  B1 72
2524:    817050901143136340856815036 9^1 => 3^2.5.8563.P23,  B1 126
2525:      1060182569897798462191l^2 => 31...,  D
2526:      1060182569897798462191l^4,  B2 176
2527:    817050901143136340856815036 9^2 => 271.1019154672897905893.p36,  B1 176;  q^4, B2 223
2529:  13^36 => 1481.67495678093.4287755796749.p14,  B1 106
2530:    31964044249933^1 => 89.827.217138189,  B1 133
2531:      217138189^2 => 7...,  D
2532:      217138189^4 => 11...,  D;  q^6, B3 166
2534:    31964044249933^2 => 3.13.67.151.p22,  B1 150
2535:      258944737548048561222l^1 => 13.131.n,  B1 172
2536:      258944737548048561222l^2 => 3.73.241.n,  B1 206;  q^4, B3 202
2538:    31964044249933^4 => 11...,  D;  q^6, B2 162
2540:  13^40 => 6740847065723.P32,  B1 133
2541:    P32^2 => 3.457.n,  B1 197;  q^4, B2 254
2543:  13^42 => 119627.p42,  B1 98
2544:    p42^1 => 3.5.153817.6945564277.p26,  B1 181;  q^2, B2 166
2546:  13^46 => 183959.19216136497.p36,  B1 118
2547:    p36^1 => 139999.112793887499.P20,  B1 188
2548:    p36^2 => 7...,  D;  q^4, B2 285
2550:  13^52 => 107.194723.18954118C943969.8403659652641423.P21,  B1 159
2551:    27469032249800171840 3^2 => 7...,  D;  q^4, B3 200
2553:  13^58 => 273997.5311771.p53,  B1 141
2554:    p53^1 => 3.5.13.n,  B1 193;  q^2, B2 209
2556:  13^60 => 4027.4759.7687.27817.92110001.4672993939.48401662036451.P20,  B1 192
2557:  13^66 => 586079017.1093561021297.1195860242597359.p38,  B1 182
2558:  13^70 => 6959.12923.201499.p65,  B1 169;  q^72, B2 160
2560:  3^2 => 13,  D
2561:  3^4 => 11...,  D
2562:  3^6 => 1093,  B1 5
2563:    1093^1 => 547,  B1 11
2564:      547^2 => [illegible]  21
2565:        613^2 => [illegible]
2566:        613^4 => [illegible]1,  B1 49
2567:          5[illegible]^2 => [illegible]1,  B1 67
2568:            [illegible]^2 => [illegible]559.p14,  B1 102
2569:              [illegible]^2 => 19...,  D
2570:              [illegible]^4 => 571.n,  B1 188;  q^6, B2 167
2572:            [illegible]^4 => [illegible]01.191.1238101.34441858081.P15,  B1 157
2573:              [illegible]^2 => 13...,  D
2574:              [illegible]^4,  B3 185
2575:            [illegible]^6 => ...,  D;  q^10, B2 179
2577:          5[illegible]^4 => [illegible]
2578:          5[illegible]^6 => [illegible]
2579:          5[illegible] => [illegible].425683567.12796663573.17834829893.P12,  B1 181
2580:          5[illegible] => [illegible]581.93150539.4173211667.p30,  B1 210
2581:          5[illegible] => [illegible],  B1 189;  q^18, B2 170
2583:        613^6 => [illegible]2410911,  B1 65
2584:          [illegible] => [illegible]p15,  B1 94
2585:            [illegible]^2 => 7...,  D
2586:            [illegible]^4 => 11...,  D;  q^6, B2 171
2588:          [illegible]^4 => [illegible],  B1 150
2589:            [illegible]
2590:            [illegible]
2591:          3124[illegible] => [illegible]..,  D;  q^10, B2 169
2593:        613^10 => 2332903.7221259.P15,  B1 99
2594:          445455365264339^2 => 29947.136328481943.p14,  B1 158
2595:            48603603235441^2 => 7...,  D;  q^4, B3 185
2597:          445455365264339^4 => n,  B1 187;  q^6, B2 175
2599:        613^12 => 15263.42017.18910643831.p15,  B1 116
2600:          232521698460221^2 => 7...,  D
2601:          232521698460221^4 => 11...,  D
2602:          232521698460221^6,  B3 173
2603:        613^16 => 17.1123.72504389.P33,  B1 149
2604:          P33^2 => 37.181.n,  B1 218;  q^4, B2 259
2606:        613^18 => 1103.2053.2538097.728015095055701.p23,  B1 166
2607:        613^22 => 47.139.2581525624783165685372604 2407.p30,  B1 199
2608:        613^28 => n,  B1 171;  q^30, B2 167
2610:      547^4 => 431.208097431,  B1 38
2611:        208097431^2 => 19...,  D
2612:        208097431^4 => 11...,  D
2613:        208097431^6 => 347509.p45,  B1 171;  q^10, B2 166
2615:      547^6 => 7...,  D
2616:      547^10 => [illegible].10847.p22,  B1 88
2617:        96300[illegible]72369626677^2 => 7...,  D;  q^4, B2 175
2619:      547^12 => [illegible]..,  D
2620:      547^16 => [illegible]37.83156401152671221.p23,  B1 137
2621:        14647[illegible]554227155833^2 => n,  B1 181;  q^4, B3 181
2623:      547^18 [illegible],  B1 153
2624:        p50^2, [illegible] 197
2625:      547^22 => [illegible]0427577437.66751010636875443537 91.P26,  B1 186
2626:      547^28 => [illegible].n,  B1 161;  q^30, B2 164
2628:    1093^2 => [illegible]581,  B1 14
2629:      398581^[illegible] 9...,  D
2630:      398581^[illegible].1621.32668561,  B1 34
2631:        32668561^1 => 19...,  D
2632:        32668561^2 => 7...,  D
2633:        32668561^4 => 5.12081356831.P20,  B1 113
2634:          188553377772621697 91^2 => 43.409.541.1939009.264660373.P17,  B1 185
2635:          188553377772621697 91^4 => 11...,  D
2636:          188553377772621697 91^6,  B2 231
2637:        32668561^6 => 140813.59739115396332527.p24,  B1 138
2638:          14450354587886489372511 7^1 => 19...,  D
2639:          14450354587886489372511 7^2 => 13...,  D;  q^4, B3 202
2641:        32668561^10 => n,  B1 173;  q^12, B2 180
2643:      398581^4 => 5.1866871.P16,  B1 75
2644:        2703853428809791^2 => 3.250801819.75619334851.P12,  B1 136
2645:          128493601339^2 => 3.211.n,  B1 160
2646:          128493601339^4 => 11...,  D;  q^6, B3 180
2648:        2703853428809791^4 => 11...,  D
2649:        2703853428809791^6,  B2 185
2650:      398581^6 => 7...,  D
2651:      398581^10 => 89.P55,  B1 175
2652:      398581^12 => 13...,  D;  q^16, B2 179
2654:    1093^4 => 11...,  D
2655:    1093^6 => 7..,  D
2656:    1093^[illegible] => [illegible]6491.2608387.p19,  B1 75
2657:      62544[illegible]1062673^1 => 13...,  D
2658:      62544[illegible]1062673^2 => 1009.226063.p30,  B1 139
2659:        1[illegible]14183542761591318509^1 => 5.n,  B1 169;  q^2, B3 166
2661:      62544[illegible]1062673^4 => 41.n,  B1 206;  q^6, B2 225
2663:    1093^[illegible] => [illegible]..,  D
2664:    1093^[illegible] => [illegible]183137093.p37,  B1 111
2665:      p37^[illegible] 59.79.38146383106717.p18,  B1 184
2666:      p37^2 => 7...,  D;  q^4, B2 294
2668:    1093^18 => 7076597938951485524293843.p30,  B1 137
2669:      701028891746359469869552194901^1 => n,  B1 166;  q^2, B3 166
2671:    1093^22 => 47.8489623.P59,  B1 203;  q^28, B2 170
2673:  3^10 => 23.3851,  B1 14
2674:    3851^2 => 13...,  D
2675:    3851^4 => 5.2289401.19218301,  B1 43
2676:      1921830[illegible] => 211.45541,  B1 57
2677:        45541^[illegible] => [illegible].691342741,  B1 74
2678:          691[illegible]^2 => 3.103.8517919.181591213,  B1 109
2679:            1[illegible]3^2 => 3.97.421.787...,  S 3^10.5^2.23^2.97^2.103^2.211^2.421^2.787^2
2680:            1[illegible]3^4 => 31...,  D
2681:            1[illegible]3^6 => n,  B1 191;  q^10, B3 175
2683:          691[illegible]^4 => 5.61.661.4231.19217251.p20,  B1 161
2684:          691[illegible]^6 => 29....  S 3^10.5^2.23^2.29^2
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2685:          691342741^10,  B2 176
2686:        45541^4 => 31...,  D
2687:        45541^6 => 43.71...,  S 3^10.5^2.23^2.43^2.71^2
2688:        45541^10 => 11...,  D
2689:        45541^12 => 131.n,  B1 161
2690:        45541^16 => 307.n,  B1 199;  q^18, B2 167
2692:      19218301^2 => 7...,  D
2693:      19218301^4 => 11...,  D
2694:      19218301^6 => 16022208959.p34,  B1 133
2695:        p34^1 => 3.239.n,  B1 168;  q^2, B3 160
2697:      19218301^10 => n,  B1 175;  q^12, B2 174
2699:    3851^6 => 7...,  D
2700:    3851^10 => 11...,  D
2701:    3851^12 => 131.84449.P36,  B1 131
2702:      P36^2 => 7...,  D;  q^4, B2 287
2704:    3851^16 => 22271.P54,  B1 179
2705:    3851^18 => 624607.P59,  B1 201
2706:    3851^22 => n,  B1 165;  q^28, B2 200
2708: 3^12 => 797161,  B1 11
2709:    797161^1 => 398581,  B1 22
2710:      398581^2 => 3.1621.32668561,  B1 44
2711:        32668561^2 => 7...,  D
2712:        32668561^4 => 5.12081356831.P20,  B1 119
2713:          188553377772621697917^2 => 43.409.541.n,  B1 164
2714:          188553377772621697917^4 => 11...,  D
2715:          188553377772621697917^6,  B2 231
2716:        32668561^6 => 140813.59739115396332527.p24,  B1 164
2717:        32668561^10 => n,  B1 179;  q^12, B2 180
2719:      398581^4 => 5.1866871.P16,  B1 78
2720:        270385342880979l^2 => 3.250801819.75619334851.P12,  B1 139
2721:          128493601339^2 => 3.211.n,  B1 163;  q^4, B3 161
2723:        270385342880979l^4 => 11...,  D
2724:        270385342880979l^6,  B2 185
2725:      398581^6 => 7...,  D
2726:      398581^10 => 89.P55,  B1 179
2727:      398581^12 => 13...,  D;  q^16, B2 179
2729:    797161^2 => 3.61.151.22996651,  B1 38
2730:      22996651^2 => 3.43.p13,  B1 56
2731:        4099581241957^1 => P13,  B1 80
2732:          2049790620979^2 => 3.249811.p19,  B1 128
2733:            56064272454716088837^2 => 19...,  D;  q^4, B3 166
2735:          2049790620979^4 => 101.661.46601.p40,  B1 203
2736:          2049790620979^6 => 43.673.n,  B1 204;  q^10, B2 246
2738:        4099581241957^2 => 31...,  D
2739:        4099581241957^4 => 11...,  D
2740:        4099581241957^6 => 127...,  D;  q^10, B2 252
2742:      22996651^4 => 5.47700750211981.p16,  B1 98
2743:        11726358909757211^1 => 331.P13,  B1 128
2744:          1771353309631^2 => 13...,  D
2745:          1771353309631^4 => 11...,  D
2746:          1771353309631^6,  B3 177
2747:        11726358909757211^2 => 19...,  D
2748:        11726358909757211^4 => 31...,  D;  q^6, B2 180
2750:      22996651^6 => 4159.30078018865407604 99.p23,  B1 135
2751:        118235920626195610949771^1 => 43.139.773.n,  B1 164
2752:        118235920626195610949771^2 => 19...,  D;  q^4, B3 200
2754:      22996651^10 => 23.67.n,  B1 174;  q^12, B2 176
2756:    797161^4 => 5.2671.178601.P15,  B1 71
2757:      169299992707751^2 => 31...,  D
2758:      169299992707751^4 => 11...,  D
2759:      169299992707751^6,  B2 170
2760:    797161^6 => 7...,  D
2761:    797161^10 => 23^2.67.9791.75252409.P43,  B1 172
2762:    797161^12 => 13...,  D;  q^16, B2 188
2764: 3^16 => 1871.34511,  B1 23
2765:    34511^2 => 19...,  D
2766:    34511^4 => 11...,  D
2767:    34511^6 => 7...,  D
2768:    34511^10 => 87573858439.P35,  B1 150
2769:      P35^2 => 3.n,  B1 218;  q^4, B2 275
2771:    34511^12 => 79.P53,  B1 177
2772:    34511^16 => 17.46871718348826117134 9569.p48,  B1 184;  q^18, B2 163
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2775:    363889^1 => 5.36389,  B1 31
2776:      36389^2 => 1429.926659,  B1 49
2777:        926659^2 => 3.178987.1599181,  B1 72
2778:          1599181^2 => 3.p12,  B1 96
2779:            852460489981^2 => 7...,  D
2780:            852460489981^4 => 31...,  D
2781:            852460489981^6 => 29.n,  B1 216;  q^10, B2 238
2783:          1599181^4 => 5.271.73121.P17,  B1 132
2784:            66009940184466071^2 => n,  B1 166;  q^4, B3 166
2786:          1599181^6 => 43.71.1499.112682270804881.p17,  B1 171
2787:          1599181^10 => 11...,  D
2788:          1599181^12 => n,  B1 208;  q^16, B2 198
2790:        926659^4 => 41.701.332191.P14,  B1 108
2791:          77230798373051^2 => 3001.638767.P19,  B1 164
2792:          77230798373051^4 => 11...,  D
2793:          77230798373051^6,  B2 166
2794:        926659^6 => 2549.15107.P29,  B1 144
2795:          16442660606074906611953979547^2 => 13...,  D
2796:          16442660606074906611953979547^4,  B2 225
2797:        926659^10 => 23.707939.2027719.3754697.30569710139.p30,  B1 216
2798:        926659^12 => n,  B1 180;  q^16, B2 190
2800:      36389^4 => 701.881.3911.10091.71941,  B1 76
2801:        71941^2 => 19...,  D
2802:        71941^4 => 5.284758421.p11,  B1 123
2803:          18813315461^2 => 109.41593.P14,  B1 164
2804:          18813315461^4 => 5.61^2.n,  B1 186;  q^6, B3 164
2806:        71941^6 => 197.1009.52409388389.P14,  B1 154
2807:          13307558221651^2 => 31...,  D;  q^4, B3 180
2809:        71941^10 => 11...,  D
2810:        71941^12 => n,  B1 183
2811:        71941^16 => 137.613.n,  B1 227;  q^18, B2 174
2813:      36389^6 => 29.43.71...,  S 3^18.5^2.29^2.43^2.71^2
2814:      36389^10 => 11...,  D
2815:      36389^12 => 40739509824303811.P39,  B1 186
2816:      36389^16 => 103.n,  B1 169;  q^18, B2 164
2818:    363889^2 => 3.193.1063.215143,  B1 44
2819:      215143^2 => 3.P11,  B1 64
2820:        15428908531^2 => 31...,  D
2821:        15428908531^4 => 11...,  D
2822:        15428908531^6 => 7...,  D;  q^10, B2 203
2824:      215143^4 => 11...,  D
2825:      215143^6 => 45767.1549240304333.P16,  B1 120
2826:        1398601879456363^2 => 3.P30,  B1 180
2827:        1398601879456363^4 => 181.n,  B1 213;  q^6, B2 181
2829:      215143^10 => 683.16081891070363804885 7029.P28,  B1 173
2830:      215143^12 => 53.n,  B1 163;  q^16, B2 170
2832:    363889^4 => 11...,  D
2833:    363889^6 => 7...,  D
2834:    363889^10 => 23^2.331.15872245247.P41,  B1 175
2835:    363889^12 => 53.18219371.44671538238653.12149559232055257 9793.P25,  B1 195;  q^16, B2 177
2837: 3^22 => 47.1001523179,  B1 31
2838:    1001523179^2 => 61.p17,  B1 51
2839:      16443420968455561^1 => 227.5505377.6578839,  B1 83
2840:        6578839^2 => 3.10477.1377020431,  B1 109
2841:          1377020431^2 => 3.53719.294247.39987067,  B1 145
2842:            39987067^2 => 13...,  D;  q^4, B3 160
2844:          1377020431^4 => 5.n,  B1 165
2845:          1377020431^6 => 43.n,  B1 202;  q^10, B3 182
2847:        6578839^4 => 11...,  D
2848:        6578839^6 => 7...,  D
2849:        6578839^10 => n,  B1 206;  q^12, B2 163
2851:      16443420968455561^2 => 3.3373.120103.P24,  B1 128
2852:        222480985260063443458219^2 => 3.n,  B1 174;  q^4, B2 186
2854:      16443420968455561^4 => 11...,  D
2855:      16443420968455561^6,  B2 194
2856:    1001523179^4 => 181.1099298734488491.P19,  B1 119
2857:      505649657426395147 1^2 => 7...,  D
2858:      505649657426395147 1^4 => 5.n,  B1 232;  q^G, B2 224
2860:    1001523179^6 => 421.2464419019796363687.P33,  B1 173;  q^10, B2 180
2862: 3^28 => 59.28537.20381027,  B1 35
2863:    20381027^2 => 7...,  D
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2864:   20[illegible] => [illegible],  B1 84
2865:     .[illegible]210096747645881^1 => 8599579.93469471.p15,  B1 142
2866:       [illegible]849^2 => 7...,  D;  q^4, B3 170
2868:     [illegible]210096747645881^2 => 19...,  D;  q^4, B2 233
2870:   20[illegible] => 4[illegible]463.3557.351023.837313.478880543.p16,  B1 141
2871:     [illegible]97^1 => 3.1034879.1158061627,  B1 171
2872:     [illegible]97^2 => 61.n,  B1 184;  q^4, B3 183
2874:   20[illegible] => [illegible],  B1 167;  q^12, B2 175
2876: 3^3[illegible] => 6[illegible]4404047,  B1 38
2877:   440404[illegible] => [illegible],  D
2878:   4404047^4 => [illegible].211.461.2770771.P14,  B1 104
2879:     [illegible]2 => 7...,  D
2880:     [illegible]4 => 5.n,  B1 183
2881:     [illegible]6 => 71.n,  B1 236;  q^10, B2 260
2883:   440404[illegible] => [illegible].268088311.21392848667.p19,  B1 128
2884:     [illegible]7741^1 => 3^2.127709.500153.1315747,  B1 162
2885:     [illegible]7741^2 => 223.n,  B1 180;  q^4, B3 178
2887:   440404[illegible] => [illegible].n,  B1 160
2888:   440404[illegible] => 44[illegible].n,  B1 187;  q^16, B2 212
2890: 3^3[illegible] => [illegible]1,  B1 51
2891:   1[illegible] => 19...,  D
2892:   17189128703^4 => 151.4801.P36,  B1 150
2893:     P36^2 => 3.n,  B1 220;  q^4, B2 280
2895:   17189128703^6 => 211.37290282733773841040942l2939.p32,  B1 184;  q^10, B2 204
2897: 3^40 => 83.2526913.P11,  B1 51
2898:   86950696619^2 => p22,  B1 79
2899:     7560423642616328727781^1 => 7...,  D
2900:     7560423642616328727781^2 => 3.61.79.997.16747.2064379.P27,  B1 181;  q^4, B2 175
2902:   86950696619^4 => 31...,  D
2903:   86950696619^6 => 547.n,  B1 163;  q^10, B2 218
2905: 3^42 => 43[illegible].P18,  B1 60
2906:   38080854686[illegible]411923^2 => 19...,  D
2907:   38080854686[illegible]411923^4 => 101.n,  B1 165;  q^6, B2 210
2909: 3^46 => 1223.2[illegible]997.5112661.96656723,  B1 59
2910:   96656723^2 => 7...,  D
2911:   96656723^4 => 11...,  D
2912:   96656723^6 => 547.426121035982583471954 3.p24,  B1 170
2913:   96656723^10 => n,  B1 203;  q^12, B2 191
2915: 3^52 => 107.24169.P19,  B1 70
2916:   3747607031112307667^2 => 31...,  D
2917:   3747607031112307667^4 => 41.n,  B1 183;  q^6, B2 222
2919: 3^58 => 14425532687.P18,  B1 83
2920:   489769993189671059^2 => 61.1861.21277.11549803.P19,  B1 149
2921:     859850936878093749l^2 => 19...,  D;  q^4, B3 187
2923:   489769993189671059^4 => n,  B1 189;  q^6, B2 212
2925: 3^60 => 603901.p24,  B1 63
2926:   [illegible]52933136603918610359 01^1 => 13...,  D
2927:   [illegible]5293313660391861035901^2 => 7...,  D;  q^4, B2 184
2929: 3^66 => 221101.441019876741.p15,  B1 80
2930:   475384700124973^1 => 101429.2343435803,  B1 108
2931:     2343435803^2 => 7...,  D
2932:     2343435803^4 => 11...,  D
2933:     2343435803^6 => 113.491.n,  B1 207;  q^10, B2 187
2935:   475384700124973^2 => 19...,  D
2936:   475384700124973^4 => 71.n,  B1 173;  q^6, B2 176
2938: 3^70 => p34,  B1 66
2939:   p34^1 => 853.2131.82219.3099719989.P13,  B1 133
2940:     4052490063499^2 => 3.97813.P20,  B1 182
2941:     4052490063499^4 => 11...,  D;  q^6, B3 183
2943:   p34^2 => 7...,  D;  q^4, B2 268
2945: 3^72 => 11243.20149.15768033143.p16,  B1 87
2946:   9460375336977361^1 => 7...,  D
2947:   9460375336977361^2 => 3.p32,  B1 134
2948:     p32^1 => 47.53.647.n,  B1 172;  q^2, B3 162
2950:   9460375336977361^4 => 11...,  D;  q^6, B2 191
2952: 3^78 => 432853009.392038110671.P18,  B1 103
2953:   1451711772644079 47^2 => 7...,  D
2954:   145171177264407947^4 => 11...,  D;  q^6, B2 205
2956: 3^82 => 167.12119.1036745531.P24,  B1 117
2957:   950996059627210897943351^2 => 19...,  D;  q^4, B2 191
2959: 3^88 => 179.1611479891519807.p25,  B1 101
2960:   504293943956599604[illegible]6219[illegible]^1 => 13...,  D
2961:   504293943956599604[illegible]6219[illegible]^2 => 7...,  D;  q^4, B2 197
2963: 3^96 => 76631.2549[illegible]42947.p29,  B1 109
2964:   48845962828028421[illegible]5731228333^1 => 11...,  D
2965:   48845962828028421[illegible]5731228333^2 => 3.n,  B1 194;  q^4, B2 229
2967: 3^100 => 330347[illegible].4650923263[illegible]9.P29,  B1 135
2968:   5031677566801[illegible]59[illegible]062029640 23^2 => 277.907.n,  B1 198;  q^4, B2 229
2970: 3^102 => p49,  B1 9[illegible]
2971:   p49^1 => 619.366[illegible]40651.p37,  B1 194;  q^2, B2 195
2973: 3^106 => 50077.229[illegible]p41,  B1 111
2974:   p41^1 => [illegible]1...,  D;  q^2, B2 162
2976: 3^108 => [illegible]1.521402591.3499901929.239789806103.P20,  B1 145
2977:   10624346[illegible]5389299603^2 => 241.n,  B1 185;  q^4, B3 183
2979: 3^112 => 22[illegible].1583.2172539.P42,  B1 160
2980: 3^126 => [illegible]843.681229.21520151.76082653.p36,  B1 145
2981:   p36^1 => [illegible]...,  D;  q^2, B3 172
2983: 3^130 => 26[illegible].P60,  B1 186
2984: 3^136 => 49[illegible]3.217629707.P54,  B1 191
2985: 3^138 => [illegible]9.5430731.P57,  B1 194
2986: 3^148 => [illegible]1.177941761.P59,  B1 203
2987: 3^150 => [illegible]1.6263783.64745079361.p51,  B1 164
2988: 3^156 => 94[illegible]1.3381925092493.98911091253375667l9.P40,  B1 211
2989: 3^162 => [illegible]7348213873.8882811705390167.P49,  B1 219
2990: 3^166 => [illegible]51.88177.1767863.10063060897082377.p48,  B1 190;  q^172, B2 164
2992: 5^1 => 3,  D
2993: 5^2 => 31,  D
2994: 5^4 => 11...,  D
2995: 5^6 => 19531,  B1 12
2996:   19531^2 => 3...,  D
2997:   19531^4 => 5.191.4760281.32009891,  B1 47
2998:     32009891^2 => [illegible].,  D
2999:     32009891^4 => [illegible]..,  D
3000:     32009891^[illegible] => [illegible]47.P41,  B1 167
3001:     32009891^[illegible] => [illegible]...,  D;  q^12, B2 180
3003:   19531^6 => [illegible]
3004:   19531^10 => [illegible]9.31567260539.p27,  B1 104
3005:     116301[illegible]3759559809^1 => 31...,  D
3006:     116301[illegible]3759559809^2 => 3...,  D;  q^4, B2 208
3008:   19531^12 => [illegible]9077.12859742299.9743710678547.P18,  B1 149
3009:     54248477[illegible]^2 => 181.193.n,  B1 189;  q^4, B3 185
3011:   19531^16 => [illegible],  B1 210
3012:   19531^18 => [illegible]82216833181701.n,  B1 163;  q^22, B2 188
3014: 5^10 => 1220[illegible]21
3015:   12207031^2 => [illegible],  D
3016:   12207031^4 => [illegible].P26,  B1 89
3017:     338999396[illegible]917156831^2 => 163.20324089.P42,  B1 185;  q^4, B2 204
3019:   12207031^6 => [illegible]P38,  B1 134
3020:     P38^2 => [illegible],  D;  q^4, B2 303
3022:   12207031^10 => 11...,  D;  q^12, B2 170
3024: 5^12 => 305175781,  B1 16
3025:   305175781^1 => 3499.43609,  B1 33
3026:     43609^2 => 3...,  D
3027:     43609^4 => 11...,  D
3028:     43609^6 => 17137.67241197577.P13,  B1 107
3029:       5968930061879^2 => 691.4243.237373.p14,  B1 158
3030:         51193000249429^2 => 3...,  D;  q^4, B3 185
3032:       5968930061879^4 => 11...,  D
3033:       5968930061879^6 => 7...,  D;  q^10, B2 255
3035:     43609^10 => 67.p45,  B1 163
3036:     43609^12 => p56,  B1 190
3037:     43609^16 => 919.n,  B1 175;  q^18, B2 167
3039:   305175781^2 => 3...,  D
3040:   305175781^4 => 11...,  D
3041:   305175781^6 => 7...,  D;  q^10, B2 169
3043: 5^16 => 409.466344409,  B1 25
3044:   466344409^1 => 7...,  D
3045:   466344409^2 => 19...,  D
3046:   466344409^4 => 11...,  D
3047:   466344409^6 => 29.43.281.p47,  B1 125
3048:     p47^1 => 79.n,  B1 174;  q^2, B2 185
3050:   466344409^10,  B2 173
3051: 5^[illegible] => 191.6271.3981071,  B1 37
3052:   [illegible]1071^2 => 13...,  D
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3053:   [illegible] ^4 = [illegible]1.p22,  B1 80
3054:     [illegible]863601^1 => 127...,  D
3055:     [illegible]863601^2 => 7...,  D
3056:     [illegible]863601^4,  B2 173
3057:   [illegible].,  D
3058:   [illegible] 486952646035843483.p46,  B1 177
3059:   [illegible] n,  B1 185;  q^16, B2 211
3061: 5^[illegible] => [illegible]1 34
3062:   [illegible] 271.612928711,  B1 57
3063:   [illegible] ...,  D
3064:   [illegible] .296741.p29,  B1 143
3065:     [illegible].781904103458681^2 => 193.n,  B1 203;  q^4, B2 231
3067:   [illegible]9.83777.86689.p42,  B1 197;  q^10, B2 175
3069:   [illegible] 19...,  D
3070:   [illegible] 31...,  D
3071:   [illegible] 7...,  D;  q^10, B2 230
3073: 5^[illegible],  B1 45
3074:   [illegible] > 3...,  D
3075:   [illegible] => 31...,  D
3076:   [illegible] > 4289272702530656462763831171.P27,  B1 192;  q^6, B2 160
3078: 5^[illegible] => [illegible]1 59
3079:   [illegible]^2 => 13...,  D
3080:   [illegible]^4 => 5.n,  B1 165;  q^6, B2 213
3082: 5^[illegible] => [illegible]971.P13,  B1 73
3083:   [illegible] 7...,  D
3084:   [illegible] 11...,  D
3085:   [illegible] 43.379.n,  B1 207;  q^10, B2 258
3087: 5^[illegible] => [illegible],  B1 65
3088:   [illegible] => 3...,  D
3089:   [illegible]^2 => 739.3301.9649.265837681.p19,  B1 140
3090:     [illegible]^1 => 211949.P13,  B1 176
3091:     [illegible] ^2 => 3...,  D;  q^4, B3 186
3093:   [illegible]^4 => n,  B1 186;  q^6, B2 224
3095: 5^[illegible] => [illegible],  B1 79
3096:   [illegible]^2 => 7...,  D
3097:   [illegible]^4,  B2 161
3098: 5^46 => [illegible]
3099:   [illegible] => [illegible]
3100:   [illegible]^4, [illegible]
3101: 5^[illegible] => [illegible]4094481.p17,  B1 92
3102:   [illegible] => 11...,  D
3103:   [illegible] => 19...,  D
3104:   [illegible]^4 => 31...,  D;  q^6, B2 197
3106: 5^[illegible] => [illegible]081.P25,  B1 105
3107:   [illegible]5051^2 => 31...,  D;  q^4, B2 194
3109: 5^6[illegible] => [illegible]061.P27,  B1 114
3110:   [illegible]699259^2 => 19...,  D;  q^4, B2 209
3112: 5^[illegible] => [illegible].2454335007529.p24,  B1 114
3113:   [illegible]141^1 => 7...,  D
3114:   [illegible]141^2 => 3...,  D;  q^4, B2 190
3116: 5^[illegible] => 569 [illegible] 44
3117:   [illegible]
3118: 5^[illegible] => [illegible].P37,  B1 144
3119:   [illegible] => [illegible]
3120:   [illegible]^4, [illegible]
3121: 5^[illegible] => [illegible] .585231232216883926 79.P21,  B1 163
3122: 5^[illegible] => [illegible]..857067018689623837 41.p26,  B1 146
3123:   [illegible]76781^1 => n,  B1 171
3124:   [illegible]76781^2 => 3...,  D;  q^4, B2 207
3126: 5^[illegible] => [illegible]..4597959.834019001.8157179360521.p24,  B1 161
3127: 5^96 => [illegible],  B1 198
3128: 5^1[illegible] => [illegible]..3434487311396589821473854121.p30,  B1 180
3129: 5^1[illegible] => [illegible]178977131987383716 03984809.P35,  B1 185
3130: 5^1[illegible] => [illegible]63791.35411885288978941.172163150940018661.p24,  B1 198
3131: 5^1[illegible] => [illegible]528399.p61,  B1 166
3132: 5^1[illegible] => [illegible]499.308491.304247586761.2084303944451.620216264269531.P22,  B1 223;  q^126, B2 176
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End of proof to 10^160