

THE LARGEST KNOWN PRIMES

(Primes with 800,000 or more digits)

(selected smaller primes which have comments are included)

Originally Compiled by Samuel Yates – Continued by Chris Caldwell

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So that I can maintain this database of the 5,000 largest known primes (plus selected smaller primes with 1,000 or more digits), please send any new primes (that are large enough) to:

<http://primes.utm.edu/bios/submission.php>

This list in a searchable form (plus information such as how to find large primes and how to prove primality) is available at the interactive web site:

<http://primes.utm.edu/primes/>

See the last pages for information about the provers.

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1 The List of Primes

The letters after the rank refer to when the prime was submitted. ‘a’ is this month, ‘b’ last month...

rank	description	digits	who	year	comment
1	$2^{82589933} - 1$	24862048	G16	18	Mersenne 51??
2	$2^{77232917} - 1$	23249425	G15	18	Mersenne 50??
3	$2^{74207281} - 1$	22338618	G14	16	Mersenne 49??
4	$2^{57885161} - 1$	17425170	G13	13	Mersenne 48?
5	$2^{43112609} - 1$	12978189	G10	08	Mersenne 47
6	$2^{42643801} - 1$	12837064	G12	09	Mersenne 46
7	$2^{37156667} - 1$	11185272	G11	08	Mersenne 45
8	$2^{32582657} - 1$	9808358	G9	06	Mersenne 44
9	$10223 \cdot 2^{31172165} + 1$	9383761	SB12	16	
10	$2^{30402457} - 1$	9152052	G9	05	Mersenne 43
11	$2^{25964951} - 1$	7816230	G8	05	Mersenne 42
12	$2^{24036583} - 1$	7235733	G7	04	Mersenne 41
13	$2^{20996011} - 1$	6320430	G6	03	Mersenne 40
14	$1059094^{1048576} + 1$	6317602	L4720	18	Generalized Fermat
15	$919444^{1048576} + 1$	6253210	L4286	17	Generalized Fermat
16	$168451 \cdot 2^{19375200} + 1$	5832522	L4676	17	
17	$7 \cdot 2^{18233956} + 1$	5488969	L4965	20	Divides Fermat $F(18233954)$
18	$\text{Phi}(3, -123447^{524288})$	5338805	L4561	17	Generalized unique
19	$7 \cdot 6^{6772401} + 1$	5269954	L4965	19	
20	$8508301 \cdot 2^{17016603} - 1$	5122515	L4784	18	Woodall
21	$3 \cdot 2^{16819291} - 1$	5063112	L5230	21	
22	$3 \cdot 2^{16408818} + 1$	4939547	L5171	20	Divides $GF(16408814, 3)$, $GF(16408817, 5)$

rank	description	digits	who	year	comment
23	$2^{15317227} + 2^{7658614} + 1$	4610945	L5123	20	Gaussian Mersenne norm 41?, generalized unique
24	$6 \cdot 5^{6546983} + 1$	4576146	L4965	20	
25	$192971 \cdot 2^{14773498} - 1$	4447272	L4965	21	
26	$6962 \cdot 31^{2863120} - 1$	4269952	L4944	20	
27	$99739 \cdot 2^{14019102} + 1$	4220176	L5008	19	
28	$404849 \cdot 2^{13764867} + 1$	4143644	L4976	21	Generalized Cullen
29	$2740879 \cdot 2^{13704395} - 1$	4125441	L4976	19	Generalized Woodall
30	$479216 \cdot 3^{8625889} - 1$	4115601	L4976	19	Generalized Woodall
31	$\text{Phi}(3, -143332^{393216})$	4055114	L4506	17	Generalized unique
32	$2^{13466917} - 1$	4053946	G5	01	Mersenne 39
33	$9 \cdot 2^{13334487} + 1$	4014082	L4965	20	Divides $GF(13334485, 3)$
34	$206039 \cdot 2^{13104952} - 1$	3944989	L4965	21	
35	$2805222 \cdot 5^{5610444} + 1$	3921539	L4972	19	Generalized Cullen
36	$19249 \cdot 2^{13018586} + 1$	3918990	SB10	07	
37	$2293 \cdot 2^{12918431} - 1$	3888839	L4965	21	
38	$9 \cdot 2^{12406887} + 1$	3734847	L4965	20	Divides $GF(12406885, 3)$
39	$27 \cdot 2^{12184319} + 1$	3667847	L4965	21	
40	$3 \cdot 2^{11895718} - 1$	3580969	L4159	15	
41	$3 \cdot 2^{11731850} - 1$	3531640	L4103	15	
42	$69 \cdot 2^{11718455} - 1$	3527609	L4965	20	
43	$69 \cdot 2^{11604348} - 1$	3493259	L4965	20	
44	$9 \cdot 2^{11500843} + 1$	3462100	L4965	20	Divides $GF(11500840, 12)$
45	$3 \cdot 2^{11484018} - 1$	3457035	L3993	14	
46	$193997 \cdot 2^{11452891} + 1$	3447670	L4398	18	
47	$3638450^{524288} + 1$	3439810	L4591	20	Generalized Fermat
48	$9221 \cdot 2^{11392194} - 1$	3429397	L5267	21	
49	$9 \cdot 2^{11366286} + 1$	3421594	L4965	20	Generalized Fermat
50	$3214654^{524288} + 1$	3411613	L4309	19	Generalized Fermat
51	$146561 \cdot 2^{11280802} - 1$	3395865	L5181	20	
52	$2985036^{524288} + 1$	3394739	L4752	19	Generalized Fermat
53	$2877652^{524288} + 1$	3386397	L4250	19	Generalized Fermat
54	$2788032^{524288} + 1$	3379193	L4584	19	Generalized Fermat
55	$2733014^{524288} + 1$	3374655	L4929	19	Generalized Fermat
56	$9 \cdot 2^{11158963} + 1$	3359184	L4965	20	Divides $GF(11158962, 5)$
57	$9271 \cdot 2^{11134335} - 1$	3351773	L4965	21	
58	$2312092^{524288} + 1$	3336572	L4720	18	Generalized Fermat
59	$2061748^{524288} + 1$	3310478	L4783	18	Generalized Fermat
60	$1880370^{524288} + 1$	3289511	L4201	18	Generalized Fermat
61	$3 \cdot 2^{10829346} + 1$	3259959	L3770	14	Divides $GF(10829343, 3)$, $GF(10829345, 5)$
62	$\text{Phi}(3, -844833^{262144})$	3107335	L4506	17	Generalized unique
63	$\text{Phi}(3, -712012^{262144})$	3068389	L4506	17	Generalized unique
64	$874208 \cdot 54^{1748416} - 1$	3028951	L4976	19	Generalized Woodall
65	$475856^{524288} + 1$	2976633	L3230	12	Generalized Fermat
66	$9 \cdot 2^{9778263} + 1$	2943552	L4965	20	
67	$1806676 \cdot 41^{1806676} + 1$	2913785	L4668	18	Generalized Cullen
68	$356926^{524288} + 1$	2911151	L3209	12	Generalized Fermat

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69	$341112^{524288} + 1$	2900832	L3184	12	Generalized Fermat
70	$121 \cdot 2^{9584444} + 1$	2885208	L5183	20	Generalized Fermat
71	$11 \cdot 2^{9381365} + 1$	2824074	L4965	20	Divides $GF(9381364, 6)$
72	$27653 \cdot 2^{9167433} + 1$	2759677	SB8	05	
73	$90527 \cdot 2^{9162167} + 1$	2758093	L1460	10	
74	$6795 \cdot 2^{9144320} - 1$	2752719	L4965	21	
75	$1323365 \cdot 116^{1323365} + 1$	2732038	L4718	18	Generalized Cullen
76	$13 \cdot 2^{8989858} + 1$	2706219	L4965	20	
77	$273809 \cdot 2^{8932416} - 1$	2688931	L1056	17	
78	$2 \cdot 3^{5570081} + 1$	2657605	L4965	20	Divides $\text{Phi}(3^{5570081}, 2)$ [g427]
79	$25 \cdot 2^{8788628} + 1$	2645643	L5161	21	Generalized Fermat
80	$2038 \cdot 366^{1028507} - 1$	2636562	L2054	16	
81	$17 \cdot 2^{8636199} + 1$	2599757	L5161	21	Divides $GF(8636198, 10)$
82	$75898^{524288} + 1$	2558647	p334	11	Generalized Fermat
83	$25 \cdot 2^{8456828} + 1$	2545761	L5237	21	Divides $GF(8456827, 12)$, generalized Fermat
84	$39 \cdot 2^{8413422} + 1$	2532694	L5232	21	
85	$31 \cdot 2^{8348000} + 1$	2513000	L5229	21	
86	$27 \cdot 2^{8342438} - 1$	2511326	L3483	21	
87	$3687 \cdot 2^{8261084} - 1$	2486838	L4965	21	
88	$11 \cdot 2^{8103463} + 1$	2439387	L4965	20	Divides $GF(8103462, 12)$
89	$11 \cdot 2^{7971110} - 1$	2399545	L2484	19	
90	$27 \cdot 2^{7963247} + 1$	2397178	L5161	21	Divides Fermat $F(7963245)$
91	$39 \cdot 2^{7946769} + 1$	2392218	L5226	21	Divides $GF(7946767, 12)$
92	$7 \cdot 6^{3072198} + 1$	2390636	L4965	19	
93	$3765 \cdot 2^{7904593} - 1$	2379524	L4965	21	
94	$29 \cdot 2^{7899985} + 1$	2378134	L5161	21	Divides $GF(7899984, 6)$
95	$861 \cdot 2^{7895451} - 1$	2376771	L4965	21	
96	$28433 \cdot 2^{7830457} + 1$	2357207	SB7	04	
97	$2545 \cdot 2^{7732265} - 1$	2327648	L4965	21	
98	$5539 \cdot 2^{7730709} - 1$	2327180	L4965	21	
99	$1341174 \cdot 53^{1341174} + 1$	2312561	L4668	17	Generalized Cullen
100	$45 \cdot 2^{7661004} + 1$	2306194	L5200	20	
101	$15 \cdot 2^{7619838} + 1$	2293801	L5192	20	
102	$3597 \cdot 2^{7580693} - 1$	2282020	L4965	21	
103	$7401 \cdot 2^{7523295} - 1$	2264742	L4965	21	
104	$45 \cdot 2^{7513661} + 1$	2261839	L5179	20	
105	$\text{Phi}(3, -558640^{196608})$	2259865	L4506	17	Generalized unique
106	$29 \cdot 2^{7374577} + 1$	2219971	L5169	20	Divides $GF(7374576, 3)$
107	$109838 \cdot 5^{3168862} - 1$	2214945	L5129	20	
108	$101 \cdot 2^{7345194} - 1$	2211126	L1884	19	
109	$15 \cdot 2^{7300254} + 1$	2197597	L5167	20	
110	$737 \cdot 2^{7269322} - 1$	2188287	L4665	17	
111	$118568 \cdot 5^{3112069} + 1$	2175248	L690	20	
112	$6039 \cdot 2^{7207973} - 1$	2169820	L4965	21	
113	$502573 \cdot 2^{7181987} - 1$	2162000	L3964	14	
114	$402539 \cdot 2^{7173024} - 1$	2159301	L3961	14	
115	$3343 \cdot 2^{7166019} - 1$	2157191	L1884	16	

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116	$161041 \cdot 2^{7107964} + 1$	2139716	L4034	15	
117	$27 \cdot 2^{7046834} + 1$	2121310	L3483	18	
118	$327 \cdot 2^{7044001} - 1$	2120459	L4965	21	
119	$3 \cdot 2^{7033641} + 1$	2117338	L2233	11	Divides $GF(7033639, 3)$
120	$33661 \cdot 2^{7031232} + 1$	2116617	SB11	07	
121	$\text{Phi}(3, -237804^{196608})$	2114016	L4506	17	Generalized unique
122	$207494 \cdot 5^{3017502} - 1$	2109149	L5083	20	
123	$2^{6972593} - 1$	2098960	G4	99	Mersenne 38
124	$6219 \cdot 2^{6958945} - 1$	2094855	L4965	21	
125	$51 \cdot 2^{6945567} + 1$	2090826	L4965	20	Divides $GF(6945564, 12)$ [p286]
126	$238694 \cdot 5^{2979422} - 1$	2082532	L5081	20	
127	$4 \cdot 72^{1119849} - 1$	2079933	L4444	16	
128	$146264 \cdot 5^{2953282} - 1$	2064261	L1056	20	
129	$69 \cdot 2^{6838971} - 1$	2058738	L5037	20	
130	$35816 \cdot 5^{2945294} - 1$	2058677	L5076	20	
131	$127 \cdot 2^{6836153} - 1$	2057890	L1862	18	
132	$19 \cdot 2^{6833086} + 1$	2056966	L5166	20	
133	$40597 \cdot 2^{6808509} - 1$	2049571	L3749	13	
134	$283 \cdot 2^{6804731} - 1$	2048431	L2484	20	
135	$1861709 \cdot 2^{6789999} + 1$	2044000	L5191	20	
136	$5781 \cdot 2^{6789459} - 1$	2043835	L4965	21	
137	$8435 \cdot 2^{6786180} - 1$	2042848	L4965	21	
138	$51 \cdot 2^{6753404} + 1$	2032979	L4965	20	
139	$9995 \cdot 2^{6711008} - 1$	2020219	L4965	20	
140	$39 \cdot 2^{6684941} + 1$	2012370	L5162	20	
141	$6679881 \cdot 2^{6679881} + 1$	2010852	L917	09	Cullen
142	$37 \cdot 2^{6660841} - 1$	2005115	L3933	14	
143	$39 \cdot 2^{6648997} + 1$	2001550	L5161	20	
144	$304207 \cdot 2^{6643565} - 1$	1999918	L3547	13	
145	$69 \cdot 2^{6639971} - 1$	1998833	L5037	20	
146	$6471 \cdot 2^{6631137} - 1$	1996175	L4965	21	
147	$1319 \cdot 2^{6506224} - 1$	1958572	L4965	21	
148	$322498 \cdot 5^{2800819} - 1$	1957694	L4954	19	
149	$88444 \cdot 5^{2799269} - 1$	1956611	L3523	19	
150	$13 \cdot 2^{6481780} + 1$	1951212	L4965	20	
151	$138514 \cdot 5^{2771922} + 1$	1937496	L4937	19	
152	$398023 \cdot 2^{6418059} - 1$	1932034	L3659	13	
153	$1995 \cdot 2^{6333396} - 1$	1906546	L4965	21	
154	$1582137 \cdot 2^{6328550} + 1$	1905090	L801	09	Cullen
155	$3303 \cdot 2^{6264946} - 1$	1885941	L4965	21	
156	$13553882^{262144} + 1$	1869628	L4307	21	Generalized Fermat
157	$13039868^{262144} + 1$	1865227	L5273	21	Generalized Fermat
158	$7 \cdot 6^{2396573} + 1$	1864898	L4965	19	
159	$12959788^{262144} + 1$	1864525	L4591	21	Generalized Fermat
160	$12582496^{262144} + 1$	1861162	L5202	21	Generalized Fermat
161	$12529818^{262144} + 1$	1860684	L4871	20	Generalized Fermat
162	$12304152^{262144} + 1$	1858615	L4591	20	Generalized Fermat
163	$12189878^{262144} + 1$	1857553	L4905	20	Generalized Fermat

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164	$39 \cdot 2^{6164630} + 1$	1855741	L4087	20	Divides $GF(6164629, 5)$
165	$11081688^{262144} + 1$	1846702	L5051	20	Generalized Fermat
166	$10979776^{262144} + 1$	1845650	L5088	20	Generalized Fermat
167	$10829576^{262144} + 1$	1844082	L4677	20	Generalized Fermat
168	$194368 \cdot 5^{2638045} - 1$	1843920	L690	18	
169	$10793312^{262144} + 1$	1843700	L4905	20	Generalized Fermat
170	$10627360^{262144} + 1$	1841936	L4956	20	Generalized Fermat
171	$10578478^{262144} + 1$	1841411	L4307	20	Generalized Fermat
172	$66916 \cdot 5^{2628609} - 1$	1837324	L690	18	
173	$3 \cdot 2^{6090515} - 1$	1833429	L1353	10	
174	$9812766^{262144} + 1$	1832857	L4245	20	Generalized Fermat
175	$9750938^{262144} + 1$	1832137	L4309	20	Generalized Fermat
176	$9450844^{262144} + 1$	1828578	L5020	20	Generalized Fermat
177	$9125820^{262144} + 1$	1824594	L5002	19	Generalized Fermat
178	$8883864^{262144} + 1$	1821535	L4715	19	Generalized Fermat
179	$21 \cdot 2^{6048861} + 1$	1820890	L5106	20	Divides $GF(6048860, 5)$
180	$9999 \cdot 2^{6037057} - 1$	1817340	L4965	21	
181	$8521794^{262144} + 1$	1816798	L4289	19	Generalized Fermat
182	$1583 \cdot 2^{5989282} - 1$	1802957	L4036	15	
183	$6291332^{262144} + 1$	1782250	L4864	18	Generalized Fermat
184	$6287774^{262144} + 1$	1782186	L4726	18	Generalized Fermat
185	$327926 \cdot 5^{2542838} - 1$	1777374	L4807	18	
186	$81556 \cdot 5^{2539960} + 1$	1775361	L4809	18	
187	$5828034^{262144} + 1$	1773542	L4720	18	Generalized Fermat
188	$993 \cdot 10^{1768283} - 1$	1768286	L4879	19	Near-repdigit
189	$9 \cdot 10^{1762063} - 1$	1762064	L4879	20	Near-repdigit
190	$5205422^{262144} + 1$	1760679	L4201	18	Generalized Fermat
191	$5152128^{262144} + 1$	1759508	L4720	18	Generalized Fermat
192	$4489246^{262144} + 1$	1743828	L4591	18	Generalized Fermat
193	$2 \cdot 3^{3648969} + 1$	1741001	L5043	20	Divides $\Phi(3^{3648964}, 2)$ [g427]
194	$7 \cdot 2^{5775996} + 1$	1738749	L3325	12	
195	$4246258^{262144} + 1$	1737493	L4720	18	Generalized Fermat
196	$3933508^{262144} + 1$	1728783	L4309	18	Generalized Fermat
197	$3853792^{262144} + 1$	1726452	L4715	18	Generalized Fermat
198	$3673932^{262144} + 1$	1721010	L4649	17	Generalized Fermat
199	$3596074^{262144} + 1$	1718572	L4689	17	Generalized Fermat
200	$3547726^{262144} + 1$	1717031	L4201	17	Generalized Fermat
201	$8 \cdot 10^{1715905} - 1$	1715906	L4879	20	Near-repdigit
202	$1243 \cdot 2^{5686715} - 1$	1711875	L1828	16	
203	$25 \cdot 2^{5658915} - 1$	1703505	L1884	21	
204	$41 \cdot 2^{5651731} + 1$	1701343	L1204	20	
205	$3060772^{262144} + 1$	1700222	L4649	17	Generalized Fermat
206	$9 \cdot 2^{5642513} + 1$	1698567	L3432	13	
207	$10 \cdot 3^{3550446} + 1$	1693995	L4965	20	
208	$2622 \cdot 11^{1621920} - 1$	1689060	L2054	15	
209	$2676404^{262144} + 1$	1684945	L4591	17	Generalized Fermat
210	$301562 \cdot 5^{2408646} - 1$	1683577	L4675	17	
211	$2611294^{262144} + 1$	1682141	L4250	17	Generalized Fermat

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212	$171362 \cdot 5^{2400996} - 1$	1678230	L4669	17	
213	$2514168^{262144} + 1$	1677825	L4564	17	Generalized Fermat
214	$31 \cdot 2^{5560820} + 1$	1673976	L1204	20	Divides $GF(5560819, 6)$
215	$13 \cdot 2^{5523860} + 1$	1662849	L1204	20	Divides Fermat $F(5523858)$
216	$252191 \cdot 2^{5497878} - 1$	1655032	L3183	12	
217	$2042774^{262144} + 1$	1654187	L4499	16	Generalized Fermat
218	$1828858^{262144} + 1$	1641593	L4200	16	Generalized Fermat
219	$258317 \cdot 2^{5450519} + 1$	1640776	g414	08	
220	$7 \cdot 6^{2104746} + 1$	1637812	L4965	19	
221	$5 \cdot 2^{5429494} - 1$	1634442	L3345	17	
222	$43 \cdot 2^{5408183} - 1$	1628027	L1884	18	
223	$1615588^{262144} + 1$	1627477	L4200	16	Generalized Fermat
224	$1349 \cdot 2^{5385004} - 1$	1621051	L1828	17	
225	$1488256^{262144} + 1$	1618131	L4249	16	Generalized Fermat
226	$1415198^{262144} + 1$	1612400	L4308	16	Generalized Fermat
227	$45 \cdot 2^{5308037} + 1$	1597881	L4761	19	
228	$\text{Phi}(3, -1082083^{131072})$	1581846	L4506	17	Generalized unique
229	$180062 \cdot 5^{2249192} - 1$	1572123	L4435	16	
230	$124125 \cdot 6^{2018254} + 1$	1570512	L4001	19	
231	$27 \cdot 2^{5213635} + 1$	1569462	L3760	15	
232	$9992 \cdot 10^{1567410} - 1$	1567414	L4879	20	Near-repdigit
233	$\text{Phi}(3, -843575^{131072})$	1553498	L4506	17	Generalized unique
234	$25 \cdot 2^{5152151} - 1$	1550954	L1884	20	
235	$53546 \cdot 5^{2216664} - 1$	1549387	L4398	16	
236	$773620^{262144} + 1$	1543643	L3118	12	Generalized Fermat
237	$39 \cdot 2^{5119458} + 1$	1541113	L1204	19	
238	$607 \cdot 26^{1089034} + 1$	1540957	L4944	21	
239	$223 \cdot 2^{5105835} - 1$	1537012	L2484	19	
240	$99 \cdot 10^{1536527} - 1$	1536529	L4879	19	Near-repdigit
241	$992 \cdot 10^{1533933} - 1$	1533936	L4879	19	Near-repdigit
242	$51 \cdot 2^{5085142} - 1$	1530782	L760	14	
243	$3 \cdot 2^{5082306} + 1$	1529928	L780	09	Divides $GF(5082303, 3)$, $GF(5082305, 5)$
244	$676754^{262144} + 1$	1528413	L2975	12	Generalized Fermat
245	$296024 \cdot 5^{2185270} - 1$	1527444	L671	16	
246	$5359 \cdot 2^{5054502} + 1$	1521561	SB6	03	
247	$13 \cdot 2^{4998362} + 1$	1504659	L3917	14	
248	$525094^{262144} + 1$	1499526	p338	12	Generalized Fermat
249	$92158 \cdot 5^{2145024} + 1$	1499313	L4348	16	
250	$499238 \cdot 10^{1497714} - 1$	1497720	L4976	19	Generalized Woodall
251	$77072 \cdot 5^{2139921} + 1$	1495746	L4340	16	
252	$2 \cdot 3^{3123036} + 1$	1490068	L5043	20	
253	$306398 \cdot 5^{2112410} - 1$	1476517	L4274	16	
254	$265711 \cdot 2^{4858008} + 1$	1462412	g414	08	
255	$154222 \cdot 5^{2091432} + 1$	1461854	L3523	15	
256	$1271 \cdot 2^{4850526} - 1$	1460157	L1828	12	
257	$\text{Phi}(3, -362978^{131072})$	1457490	p379	15	Generalized unique
258	$361658^{262144} + 1$	1457075	p332	11	Generalized Fermat

rank	description	digits	who	year	comment
259	$100186 \cdot 5^{2079747} - 1$	1453686	L4197	15	
260	$15 \cdot 2^{4800315} + 1$	1445040	L1754	19	Divides $GF(4800313, 3)$, $GF(4800310, 5)$
261	$2^{4792057} - 2^{2396029} + 1$	1442553	L3839	14	Gaussian Mersenne norm 40?, generalized unique
262	$92 \cdot 10^{1439761} - 1$	1439763	L4789	20	Near-repdigit
263	$653 \cdot 10^{1435026} - 1$	1435029	p355	14	
264	$197 \cdot 2^{4765318} - 1$	1434506	L5175	21	
265	$188 \cdot 468^{535963} + 1$	1431156	L4832	19	
266	$100 \cdot 406^{543228} + 1$	1417027	L4944	20	Generalized Fermat
267	$1229 \cdot 2^{4703492} - 1$	1415896	L1828	18	
268	$144052 \cdot 5^{2018290} + 1$	1410730	L4146	15	
269	$195 \cdot 2^{4685711} - 1$	1410542	L5175	21	
270	$9 \cdot 2^{4683555} - 1$	1409892	L1828	12	
271	$31 \cdot 2^{4673544} + 1$	1406879	L4990	19	
272	$34 \cdot 993^{469245} + 1$	1406305	L4806	18	
273	$79 \cdot 2^{4658115} - 1$	1402235	L1884	18	
274	$39 \cdot 2^{4657951} + 1$	1402185	L1823	19	
275	$11 \cdot 2^{4643238} - 1$	1397755	L2484	14	
276	$68 \cdot 995^{465908} - 1$	1396712	L4001	17	
277	$7 \cdot 6^{1793775} + 1$	1395830	L4965	19	
278	$Phi(3, -192098^{131072})$	1385044	p379	15	Generalized unique
279	$27 \cdot 2^{4583717} - 1$	1379838	L2992	14	
280	$121 \cdot 2^{4553899} - 1$	1370863	L3023	12	
281	$27 \cdot 2^{4542344} - 1$	1367384	L1204	14	
282	$29 \cdot 2^{4532463} + 1$	1364409	L4988	19	
283	$4 \cdot 797^{468702} + 1$	1359920	L4548	17	Generalized Fermat
284	$145310^{262144} + 1$	1353265	p314	11	Generalized Fermat
285	$25 \cdot 2^{4481024} + 1$	1348925	L4364	19	Generalized Fermat
286	$2 \cdot 1283^{432757} + 1$	1345108	L4879	19	Divides $Phi(1283^{432757}, 2)$
287	$36772 \cdot 6^{1723287} - 1$	1340983	L1301	14	
288	$583854 \cdot 14^{1167708} - 1$	1338349	L4976	19	Generalized Woodall
289	$151 \cdot 2^{4424321} - 1$	1331856	L1884	16	
290	$195 \cdot 2^{4373994} - 1$	1316706	L5175	20	
291	$49 \cdot 2^{4365175} - 1$	1314051	L1959	17	
292	$49 \cdot 2^{4360869} - 1$	1312755	L1959	17	
293	$13 \cdot 2^{4333087} - 1$	1304391	L1862	18	
294	$353159 \cdot 2^{4331116} - 1$	1303802	L2408	11	
295	$23 \cdot 2^{4300741} + 1$	1294654	L4147	19	
296	$682156 \cdot 79^{682156} + 1$	1294484	L4472	16	Generalized Cullen
297	$141941 \cdot 2^{4299438} - 1$	1294265	L689	11	
298	$2 \cdot 1151^{417747} + 1$	1278756	L4879	19	Divides $Phi(1151^{417747}, 2)$
299	$15 \cdot 2^{4246384} + 1$	1278291	L3432	13	Divides $GF(4246381, 6)$
300	$3 \cdot 2^{4235414} - 1$	1274988	L606	08	
301	$2 \cdot 1259^{411259} + 1$	1274914	L4879	20	Divides $Phi(1259^{411259}, 2)$
302	$45 \cdot 436^{481613} + 1$	1271213	L4944	20	
303	$109208 \cdot 5^{1816285} + 1$	1269534	L3523	14	
304	$1091 \cdot 2^{4215518} - 1$	1269001	L1828	18	

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305	$191 \cdot 2^{4203426} - 1$	1265360	L2484	12	
306	$1259 \cdot 2^{4196028} - 1$	1263134	L1828	16	
307	$325918 \cdot 5^{1803339} - 1$	1260486	L3567	14	
308	$133778 \cdot 5^{1785689} + 1$	1248149	L3903	14	
309	$17 \cdot 2^{4107544} - 1$	1236496	L4113	15	
310	$24032 \cdot 5^{1768249} + 1$	1235958	L3925	14	
311	$172 \cdot 159^{561319} - 1$	1235689	L4001	17	
312	$97 \cdot 2^{4066717} - 1$	1224206	L2484	19	
313	$1031 \cdot 2^{4054974} - 1$	1220672	L1828	17	
314	$37 \cdot 2^{4046360} + 1$	1218078	L2086	19	
315	$39653 \cdot 430^{460397} - 1$	1212446	L4187	16	
316	$40734^{262144} + 1$	1208473	p309	11	Generalized Fermat
317	$9 \cdot 2^{4005979} - 1$	1205921	L1828	12	
318	$12 \cdot 68^{656921} + 1$	1203815	L4001	16	
319	$67 \cdot 688^{423893} + 1$	1202836	L4001	17	
320	$1993191 \cdot 2^{3986382} - 1$	1200027	L3532	15	Generalized Woodall
321	$138172 \cdot 5^{1714207} - 1$	1198185	L3904	14	
322	$\text{Phi}(3, -1202113^{98304})$	1195366	L4506	16	Generalized unique
323	$29 \cdot 2^{3964697} + 1$	1193495	L1204	19	
324	$39 \cdot 2^{3961129} + 1$	1192421	L1486	19	
325	$\text{Phi}(3, -1110815^{98304})$	1188622	L4506	16	Generalized unique
326	$22478 \cdot 5^{1675150} - 1$	1170884	L3903	14	
327	$1199 \cdot 2^{3889576} - 1$	1170883	L1828	18	
328	$298989 \cdot 2^{3886857} + 1$	1170067	L2777	14	Generalized Cullen
329	$94 \cdot 872^{397354} + 1$	1168428	L4944	19	
330	$27 \cdot 2^{3855094} - 1$	1160501	L3033	12	
331	$164 \cdot 978^{387920} - 1$	1160015	L4700	18	
332	$49 \cdot 2^{3837090} + 1$	1155081	L4979	19	Generalized Fermat
333	$2 \cdot 839^{394257} + 1$	1152714	L4879	19	Divides $\text{Phi}(839^{394257}, 2)$
334	$30 \cdot 514^{424652} - 1$	1151218	L4001	17	
335	$24518^{262144} + 1$	1150678	g413	08	Generalized Fermat
336	$\text{Phi}(3, -700219^{98304})$	1149220	L4506	16	Generalized unique
337	$241 \cdot 2^{3815727} - 1$	1148651	L2484	19	
338	$109 \cdot 980^{383669} - 1$	1147643	L4001	18	
339	$123547 \cdot 2^{3804809} - 1$	1145367	L2371	11	
340	$2564 \cdot 75^{610753} + 1$	1145203	L3610	14	
341	$\text{Phi}(3, -660955^{98304})$	1144293	L4506	16	Generalized unique
342	$166 \cdot 443^{432000} + 1$	1143249	L4944	20	
343	$326834 \cdot 5^{1634978} - 1$	1142807	L3523	14	
344	$43 \cdot 182^{502611} - 1$	1135939	L4064	20	
345	$415267 \cdot 2^{3771929} - 1$	1135470	L2373	11	
346	$11 \cdot 2^{3771821} + 1$	1135433	p286	13	
347	$265 \cdot 2^{3765189} - 1$	1133438	L2484	18	
348	$938237 \cdot 2^{3752950} - 1$	1129757	L521	07	Woodall
349	$399866798^{131072} + 1$	1127471	L4964	19	Generalized Fermat
350	$207394 \cdot 5^{1612573} - 1$	1127146	L3869	14	
351	$684 \cdot 10^{1127118} + 1$	1127121	L4036	17	
352	$\text{Phi}(3, -535386^{98304})$	1126302	L4506	16	Generalized unique

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353	$104944 \cdot 5^{1610735} - 1$	1125861	L3849	14	
354	$23451 \cdot 2^{3739388} + 1$	1125673	L591	15	
355	$25 \cdot 2^{3733144} + 1$	1123790	L2125	19	Generalized Fermat
356	$2 \cdot 1103^{368361} + 1$	1120767	L4879	19	Divides $\text{Phi}(1103^{368361}, 2)$
357	$2 \cdot 131^{528469} + 1$	1118913	L4879	19	Divides $\text{Phi}(131^{528469}, 2)$
358	$2^{3704053} + 2^{1852027} + 1$	1115032	L3839	14	Gaussian Mersenne norm 39?, generalized unique
359	$314187728^{131072} + 1$	1113744	L4704	19	Generalized Fermat
360	$119 \cdot 2^{3698412} - 1$	1113336	L2484	18	
361	$330286 \cdot 5^{1584399} - 1$	1107453	L3523	14	
362	$34 \cdot 951^{371834} - 1$	1107391	L4944	19	
363	$45 \cdot 2^{3677787} + 1$	1107126	L1204	19	
364	$13 \cdot 2^{3675223} - 1$	1106354	L1862	16	
365	$271643232^{131072} + 1$	1105462	L4704	19	Generalized Fermat
366	$15 \cdot 2^{3668194} - 1$	1104238	L3665	13	
367	$13 \cdot 2^{3664703} - 1$	1103187	L1862	16	
368	$\text{Phi}(3, -406515^{98304})$	1102790	L4506	16	Generalized unique
369	$118 \cdot 892^{373012} + 1$	1100524	L5071	20	
370	$33300 \cdot 430^{417849} - 1$	1100397	L4393	16	
371	$33 \cdot 2^{3649810} + 1$	1098704	L4958	19	
372	$989 \cdot 2^{3640585} + 1$	1095929	L5115	20	
373	$567 \cdot 2^{3639287} + 1$	1095538	L4959	19	
374	$639 \cdot 2^{3635707} + 1$	1094460	L1823	19	
375	$753 \cdot 2^{3631472} + 1$	1093185	L1823	19	
376	$65531 \cdot 2^{3629342} - 1$	1092546	L2269	11	
377	$1121 \cdot 2^{3629201} + 1$	1092502	L4761	19	
378	$215 \cdot 2^{3628962} - 1$	1092429	L2484	18	
379	$113 \cdot 2^{3628034} - 1$	1092150	L2484	14	
380	$1175 \cdot 2^{3627541} + 1$	1092002	L4840	19	
381	$2 \cdot 431^{414457} + 1$	1091878	L4879	19	Divides $\text{Phi}(431^{414457}, 2)$
382	$951 \cdot 2^{3623185} + 1$	1090691	L1823	19	
383	$29 \cdot 920^{367810} - 1$	1090113	L4064	15	
384	$14641 \cdot 2^{3618876} + 1$	1089395	L181	18	Generalized Fermat
385	$485 \cdot 2^{3618563} + 1$	1089299	L3924	19	
386	$95 \cdot 2^{3614033} + 1$	1087935	L1474	19	
387	$1005 \cdot 2^{3612300} + 1$	1087414	L1823	19	
388	$861 \cdot 2^{3611815} + 1$	1087268	L1745	19	
389	$1087 \cdot 2^{3611476} + 1$	1087166	L4834	19	
390	$485767 \cdot 2^{3609357} - 1$	1086531	L622	08	
391	$675 \cdot 2^{3606447} + 1$	1085652	L3278	19	
392	$669 \cdot 2^{3606266} + 1$	1085598	L1675	19	
393	$65077 \cdot 2^{3605944} + 1$	1085503	L4685	20	
394	$851 \cdot 2^{3604395} + 1$	1085034	L2125	19	
395	$1143 \cdot 2^{3602429} + 1$	1084443	L4754	19	
396	$1183 \cdot 2^{3601898} + 1$	1084283	L1823	19	
397	$189 \cdot 2^{3596375} + 1$	1082620	L3760	16	
398	$1089 \cdot 2^{3593267} + 1$	1081685	L3035	19	
399	$1101 \cdot 2^{3589103} + 1$	1080431	L1823	19	

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400	$35 \cdot 2^{3587843} + 1$	1080050	L1979	14	Divides $GF(3587841, 5)$
401	$275 \cdot 2^{3585539} + 1$	1079358	L3803	16	
402	$2 \cdot 59^{608685} + 1$	1077892	g427	14	Divides $Phi(59^{608685}, 2)$
403	$651 \cdot 2^{3579843} + 1$	1077643	L3035	18	
404	$583 \cdot 2^{3578402} + 1$	1077210	L3035	18	
405	$309 \cdot 2^{3577339} + 1$	1076889	L4406	16	
406	$1185 \cdot 2^{3574583} + 1$	1076060	L4851	18	
407	$251 \cdot 2^{3574535} + 1$	1076045	L3035	16	
408	$1019 \cdot 2^{3571635} + 1$	1075173	L1823	18	
409	$119 \cdot 2^{3571416} - 1$	1075106	L2484	18	
410	$35 \cdot 2^{3570777} + 1$	1074913	L2891	14	
411	$33 \cdot 2^{3570132} + 1$	1074719	L2552	14	
412	$5 \cdot 2^{3569154} - 1$	1074424	L503	09	
413	$81 \cdot 492^{399095} - 1$	1074352	L4001	15	
414	$22934 \cdot 5^{1536762} - 1$	1074155	L3789	14	
415	$265 \cdot 2^{3564373} - 1$	1072986	L2484	18	
416	$771 \cdot 2^{3564109} + 1$	1072907	L2125	18	
417	$381 \cdot 2^{3563676} + 1$	1072776	L4190	16	
418	$555 \cdot 2^{3563328} + 1$	1072672	L4850	18	
419	$1183 \cdot 2^{3560584} + 1$	1071846	L1823	18	
420	$415 \cdot 2^{3559614} + 1$	1071554	L3035	16	
421	$1103 \cdot 2^{3558176} - 1$	1071121	L1828	18	
422	$1379 \cdot 2^{3557072} - 1$	1070789	L1828	18	
423	$681 \cdot 2^{3553141} + 1$	1069605	L3035	18	
424	$599 \cdot 2^{3551793} + 1$	1069200	L3824	18	
425	$621 \cdot 2^{3551472} + 1$	1069103	L4687	18	
426	$773 \cdot 2^{3550373} + 1$	1068772	L1808	18	
427	$1199 \cdot 2^{3548380} - 1$	1068172	L1828	18	
428	$191 \cdot 2^{3548117} + 1$	1068092	L4203	15	
429	$867 \cdot 2^{3547711} + 1$	1067971	L4155	18	
430	$Phi(3, 3^{1118781} + 1)/3$	1067588	L3839	14	Generalized unique
431	$351 \cdot 2^{3545752} + 1$	1067381	L4082	16	
432	$93 \cdot 2^{3544744} + 1$	1067077	L1728	14	
433	$1159 \cdot 2^{3543702} + 1$	1066764	L1823	18	
434	$178658 \cdot 5^{1525224} - 1$	1066092	L3789	14	
435	$1085 \cdot 2^{3539671} + 1$	1065551	L3035	18	
436	$465 \cdot 2^{3536871} + 1$	1064707	L4459	16	
437	$1019 \cdot 2^{3536312} - 1$	1064539	L1828	12	
438	$1179 \cdot 2^{3534450} + 1$	1063979	L3035	18	
439	$447 \cdot 2^{3533656} + 1$	1063740	L4457	16	
440	$1059 \cdot 2^{3533550} + 1$	1063708	L1823	18	
441	$345 \cdot 2^{3532957} + 1$	1063529	L4314	16	
442	$553 \cdot 2^{3532758} + 1$	1063469	L1823	18	
443	$141 \cdot 2^{3529287} + 1$	1062424	L4185	15	
444	$13 \cdot 2^{3527315} - 1$	1061829	L1862	16	
445	$1393 \cdot 2^{3525571} - 1$	1061306	L1828	17	
446	$1071 \cdot 2^{3523944} + 1$	1060816	L1675	18	
447	$329 \cdot 2^{3518451} + 1$	1059162	L1823	16	

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448	$135 \cdot 2^{3518338} + 1$	1059128	L4045	15	
449	$2 \cdot 10^{1059002} - 1$	1059003	L3432	13	Near-repdigit
450	$64 \cdot 10^{1058794} + 1$	1058796	L4036	17	Generalized Fermat
451	$599 \cdot 2^{3515959} + 1$	1058412	L1823	18	
452	$7 \cdot 2^{3511774} + 1$	1057151	p236	08	Divides $GF(3511773, 6)$
453	$1135 \cdot 2^{3510890} + 1$	1056887	L1823	18	
454	$428639 \cdot 2^{3506452} - 1$	1055553	L2046	11	
455	$104 \cdot 383^{408249} + 1$	1054591	L2012	21	
456	$555 \cdot 2^{3502765} + 1$	1054441	L1823	18	
457	$643 \cdot 2^{3501974} + 1$	1054203	L1823	18	
458	$2 \cdot 23^{774109} + 1$	1054127	g427	14	Divides $Phi(23^{774109}, 2)$
459	$1159 \cdot 2^{3501490} + 1$	1054057	L2125	18	
460	$1189 \cdot 2^{3499042} + 1$	1053320	L4724	18	
461	$609 \cdot 2^{3497474} + 1$	1052848	L1823	18	
462	$9 \cdot 2^{3497442} + 1$	1052836	L1780	12	Generalized Fermat, divides $GF(3497441, 10)$
463	$87 \cdot 2^{3496188} + 1$	1052460	L1576	14	
464	$783 \cdot 2^{3494129} + 1$	1051841	L3824	18	
465	$51 \cdot 2^{3490971} + 1$	1050889	L1823	14	
466	$753 \cdot 2^{3488818} + 1$	1050242	L1823	18	
467	$699 \cdot 2^{3487253} + 1$	1049771	L1204	18	
468	$249 \cdot 2^{3486411} + 1$	1049517	L4045	15	
469	$195 \cdot 2^{3486379} + 1$	1049507	L4108	15	
470	$59912 \cdot 5^{1500861} + 1$	1049062	L3772	14	
471	$495 \cdot 2^{3484656} + 1$	1048989	L3035	16	
472	$323 \cdot 2^{3482789} + 1$	1048427	L1204	16	
473	$1149 \cdot 2^{3481694} + 1$	1048098	L1823	18	
474	$701 \cdot 2^{3479779} + 1$	1047521	L2125	18	
475	$813 \cdot 2^{3479728} + 1$	1047506	L4724	18	
476	$197 \cdot 2^{3477399} + 1$	1046804	L2125	15	
477	$491 \cdot 2^{3473837} + 1$	1045732	L4343	16	
478	$1061 \cdot 2^{3471354} - 1$	1044985	L1828	17	
479	$641 \cdot 2^{3464061} + 1$	1042790	L1444	18	
480	$89285798^{131072} + 1$	1042125	L5157	21	Generalized Fermat
481	$453 \cdot 2^{3461688} + 1$	1042075	L3035	16	
482	$89113896^{131072} + 1$	1042016	L5338	21	Generalized Fermat
483	$88760062^{131072} + 1$	1041789	L4903	21	Generalized Fermat
484	$571 \cdot 2^{3460216} + 1$	1041632	L3035	18	
485	$88243020^{131072} + 1$	1041457	L4774	21	Generalized Fermat
486	$88166868^{131072} + 1$	1041408	L5277	21	Generalized Fermat
487	$88068088^{131072} + 1$	1041344	L4933	21	Generalized Fermat
488	$87920992^{131072} + 1$	1041249	L4249	21	Generalized Fermat
489	$87547832^{131072} + 1$	1041006	L4591	21	Generalized Fermat
490	$87454694^{131072} + 1$	1040946	L4672	21	Generalized Fermat
491	$87370574^{131072} + 1$	1040891	L5297	21	Generalized Fermat
492	$87352356^{131072} + 1$	1040879	L4387	21	Generalized Fermat
493	$87268788^{131072} + 1$	1040825	L4917	21	Generalized Fermat
494	$87192538^{131072} + 1$	1040775	L4861	21	Generalized Fermat

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495	$87116452^{131072} + 1$	1040725	L5297	21	Generalized Fermat
496	$87039658^{131072} + 1$	1040675	L5297	21	Generalized Fermat
497	$86829162^{131072} + 1$	1040537	L5265	21	Generalized Fermat
498	$86413544^{131072} + 1$	1040264	L4914	21	Generalized Fermat
499	$86347638^{131072} + 1$	1040221	L4848	21	Generalized Fermat
500	$86295564^{131072} + 1$	1040186	L5030	21	Generalized Fermat
501	$1155 \cdot 2^{3455254} + 1$	1040139	L4711	17	
502	$37292 \cdot 5^{1487989} + 1$	1040065	L3553	13	
503	$86060696^{131072} + 1$	1040031	L5057	21	Generalized Fermat
504	$85115888^{131072} + 1$	1039403	L4909	21	Generalized Fermat
505	$84924212^{131072} + 1$	1039275	L4309	21	Generalized Fermat
506	$84817722^{131072} + 1$	1039203	L4726	21	Generalized Fermat
507	$84765338^{131072} + 1$	1039168	L4245	21	Generalized Fermat
508	$84757790^{131072} + 1$	1039163	L5051	21	Generalized Fermat
509	$84723284^{131072} + 1$	1039140	L5051	21	Generalized Fermat
510	$84715930^{131072} + 1$	1039135	L4963	21	Generalized Fermat
511	$84679936^{131072} + 1$	1039111	L4864	21	Generalized Fermat
512	$84445014^{131072} + 1$	1038952	L4909	21	Generalized Fermat
513	$84384358^{131072} + 1$	1038912	L4622	21	Generalized Fermat
514	$84149050^{131072} + 1$	1038753	L5033	21	Generalized Fermat
515	$83364886^{131072} + 1$	1038220	L4591	21	Generalized Fermat
516	$83328182^{131072} + 1$	1038195	L5051	21	Generalized Fermat
517	$1273 \cdot 2^{3448551} - 1$	1038121	L1828	12	
518	$83003850^{131072} + 1$	1037973	L4963	21	Generalized Fermat
519	$1065 \cdot 2^{3447906} + 1$	1037927	L4664	17	
520	$1155 \cdot 2^{3446253} + 1$	1037429	L3035	17	
521	$82008736^{131072} + 1$	1037286	L4963	21	Generalized Fermat
522	$82003030^{131072} + 1$	1037282	L4410	21	Generalized Fermat
523	$81976506^{131072} + 1$	1037264	L4249	21	Generalized Fermat
524	$81477176^{131072} + 1$	1036916	L4245	20	Generalized Fermat
525	$81444036^{131072} + 1$	1036893	L4245	20	Generalized Fermat
526	$81096098^{131072} + 1$	1036649	L4249	20	Generalized Fermat
527	[Long prime 527]	1036620	p384	15	
528	$943 \cdot 2^{3442990} + 1$	1036447	L4687	17	
529	$80284312^{131072} + 1$	1036076	L5051	20	Generalized Fermat
530	$80146408^{131072} + 1$	1035978	L5051	20	Generalized Fermat
531	$79912550^{131072} + 1$	1035812	L5186	20	Generalized Fermat
532	$79801426^{131072} + 1$	1035733	L4245	20	Generalized Fermat
533	$79789806^{131072} + 1$	1035725	L4658	20	Generalized Fermat
534	$943 \cdot 2^{3440196} + 1$	1035606	L1448	17	
535	$79485098^{131072} + 1$	1035507	L5130	20	Generalized Fermat
536	$79428414^{131072} + 1$	1035466	L4793	20	Generalized Fermat
537	$79383608^{131072} + 1$	1035434	L4387	20	Generalized Fermat
538	$79201682^{131072} + 1$	1035303	L5051	20	Generalized Fermat
539	$543 \cdot 2^{3438810} + 1$	1035188	L3035	17	
540	$625 \cdot 2^{3438572} + 1$	1035117	L1355	17	Generalized Fermat
541	$78910032^{131072} + 1$	1035093	L5051	20	Generalized Fermat
542	$78880690^{131072} + 1$	1035072	L5159	20	Generalized Fermat

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543	$78851276^{131072} + 1$	1035051	L4928	20	Generalized Fermat
544	$78714954^{131072} + 1$	1034953	L5130	20	Generalized Fermat
545	$74 \cdot 941^{348034} - 1$	1034913	L4944	20	
546	$78439440^{131072} + 1$	1034753	L5051	20	Generalized Fermat
547	$113 \cdot 2^{3437145} + 1$	1034686	L4045	15	
548	$78240016^{131072} + 1$	1034608	L4245	20	Generalized Fermat
549	$78089172^{131072} + 1$	1034498	L4245	20	Generalized Fermat
550	$77924964^{131072} + 1$	1034378	L5051	20	Generalized Fermat
551	$77918854^{131072} + 1$	1034374	L4760	20	Generalized Fermat
552	$1147 \cdot 2^{3435970} + 1$	1034334	L3035	17	
553	$77469882^{131072} + 1$	1034045	L4591	20	Generalized Fermat
554	$77281404^{131072} + 1$	1033906	L4963	20	Generalized Fermat
555	$911 \cdot 2^{3432643} + 1$	1033332	L1355	17	
556	$76416048^{131072} + 1$	1033265	L4672	20	Generalized Fermat
557	$76026988^{131072} + 1$	1032975	L5094	20	Generalized Fermat
558	$76018874^{131072} + 1$	1032969	L4774	20	Generalized Fermat
559	$75861530^{131072} + 1$	1032851	L5053	20	Generalized Fermat
560	$75647276^{131072} + 1$	1032690	L4677	20	Generalized Fermat
561	$75521414^{131072} + 1$	1032595	L4584	20	Generalized Fermat
562	$74833516^{131072} + 1$	1032074	L5102	20	Generalized Fermat
563	$74817490^{131072} + 1$	1032062	L4591	20	Generalized Fermat
564	$74396818^{131072} + 1$	1031741	L4791	20	Generalized Fermat
565	$74381296^{131072} + 1$	1031729	L4550	20	Generalized Fermat
566	$74363146^{131072} + 1$	1031715	L4898	20	Generalized Fermat
567	$1127 \cdot 2^{3427219} + 1$	1031699	L3035	17	
568	$74325990^{131072} + 1$	1031687	L5024	20	Generalized Fermat
569	$73839292^{131072} + 1$	1031313	L4550	20	Generalized Fermat
570	$159 \cdot 2^{3425766} + 1$	1031261	L4045	15	
571	$73690464^{131072} + 1$	1031198	L4884	20	Generalized Fermat
572	$73404316^{131072} + 1$	1030976	L5011	20	Generalized Fermat
573	$73160610^{131072} + 1$	1030787	L4550	20	Generalized Fermat
574	$73132228^{131072} + 1$	1030765	L4905	20	Generalized Fermat
575	$73099962^{131072} + 1$	1030740	L5068	20	Generalized Fermat
576	$72602370^{131072} + 1$	1030351	L4201	20	Generalized Fermat
577	$1119 \cdot 2^{3422189} + 1$	1030185	L1355	17	
578	$72070092^{131072} + 1$	1029932	L4201	20	Generalized Fermat
579	$1005 \cdot 2^{3420846} + 1$	1029781	L2714	17	Divides $GF(3420844, 10)$
580	$71732900^{131072} + 1$	1029665	L5053	20	Generalized Fermat
581	$71679108^{131072} + 1$	1029623	L5072	20	Generalized Fermat
582	$93 \cdot 10^{1029523} - 1$	1029525	L4789	19	Near-repdigit
583	$71450224^{131072} + 1$	1029440	L5029	20	Generalized Fermat
584	$975 \cdot 2^{3419230} + 1$	1029294	L3545	17	
585	$999 \cdot 2^{3418885} + 1$	1029190	L3035	17	
586	$70960658^{131072} + 1$	1029049	L5039	20	Generalized Fermat
587	$70948704^{131072} + 1$	1029039	L4660	20	Generalized Fermat
588	$70934282^{131072} + 1$	1029028	L5067	20	Generalized Fermat
589	$70893680^{131072} + 1$	1028995	L5063	20	Generalized Fermat
590	$907 \cdot 2^{3417890} + 1$	1028891	L3035	17	

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591	$191249 \cdot 2^{3417696} - 1$	1028835	L1949	10	
592	$70658696^{131072} + 1$	1028806	L5051	20	Generalized Fermat
593	$70421038^{131072} + 1$	1028615	L4984	20	Generalized Fermat
594	$70050828^{131072} + 1$	1028315	L5021	20	Generalized Fermat
595	$70022042^{131072} + 1$	1028291	L4201	20	Generalized Fermat
596	$69915032^{131072} + 1$	1028204	L4591	20	Generalized Fermat
597	$69742382^{131072} + 1$	1028063	L5053	20	Generalized Fermat
598	$69689592^{131072} + 1$	1028020	L4387	20	Generalized Fermat
599	$69622572^{131072} + 1$	1027965	L4909	20	Generalized Fermat
600	$69565722^{131072} + 1$	1027919	L4387	20	Generalized Fermat
601	$69534788^{131072} + 1$	1027894	L5029	20	Generalized Fermat
602	$68999820^{131072} + 1$	1027454	L5044	20	Generalized Fermat
603	$68924112^{131072} + 1$	1027391	L4745	20	Generalized Fermat
604	$68918852^{131072} + 1$	1027387	L5021	20	Generalized Fermat
605	$68811158^{131072} + 1$	1027298	L4245	20	Generalized Fermat
606	$479 \cdot 2^{3411975} + 1$	1027110	L2873	16	
607	$245 \cdot 2^{3411973} + 1$	1027109	L1935	15	
608	$177 \cdot 2^{3411847} + 1$	1027071	L4031	15	
609	$68536972^{131072} + 1$	1027071	L5027	20	Generalized Fermat
610	$68372810^{131072} + 1$	1026934	L4956	20	Generalized Fermat
611	$68275006^{131072} + 1$	1026853	L4963	20	Generalized Fermat
612	$67894288^{131072} + 1$	1026535	L5025	20	Generalized Fermat
613	$113 \cdot 2^{3409934} - 1$	1026495	L2484	14	
614	$67725850^{131072} + 1$	1026393	L5029	20	Generalized Fermat
615	$67371416^{131072} + 1$	1026094	L4550	20	Generalized Fermat
616	$59 \cdot 2^{3408416} - 1$	1026038	L426	10	
617	$66982940^{131072} + 1$	1025765	L4249	20	Generalized Fermat
618	$66901180^{131072} + 1$	1025696	L5018	20	Generalized Fermat
619	$953 \cdot 2^{3405729} + 1$	1025230	L3035	17	
620	$66272848^{131072} + 1$	1025159	L5013	20	Generalized Fermat
621	$66131722^{131072} + 1$	1025037	L4530	20	Generalized Fermat
622	$373 \cdot 2^{3404702} + 1$	1024921	L3924	16	
623	$65791182^{131072} + 1$	1024743	L4623	19	Generalized Fermat
624	$833 \cdot 2^{3403765} + 1$	1024639	L3035	17	
625	$65569854^{131072} + 1$	1024552	L4210	19	Generalized Fermat
626	$65305572^{131072} + 1$	1024322	L5001	19	Generalized Fermat
627	$65200798^{131072} + 1$	1024230	L4999	19	Generalized Fermat
628	$64911056^{131072} + 1$	1023977	L4870	19	Generalized Fermat
629	$64791668^{131072} + 1$	1023872	L4905	19	Generalized Fermat
630	$24 \cdot 414^{391179} + 1$	1023717	L4273	16	
631	$64568930^{131072} + 1$	1023676	L4977	19	Generalized Fermat
632	$64506894^{131072} + 1$	1023621	L4977	19	Generalized Fermat
633	$64476916^{131072} + 1$	1023595	L4997	19	Generalized Fermat
634	$1167 \cdot 2^{3399748} + 1$	1023430	L3545	17	
635	$64024604^{131072} + 1$	1023194	L4591	19	Generalized Fermat
636	$63823568^{131072} + 1$	1023015	L4585	19	Generalized Fermat
637	$611 \cdot 2^{3398273} + 1$	1022985	L3035	17	
638	$4 \cdot 3^{2143374} + 1$	1022650	L4965	20	Generalized Fermat

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639	$63168480^{131072} + 1$	1022428	L4861	19	Generalized Fermat
640	$63165756^{131072} + 1$	1022425	L4987	19	Generalized Fermat
641	$63112418^{131072} + 1$	1022377	L4201	19	Generalized Fermat
642	$255 \cdot 2^{3395661} + 1$	1022199	L3898	14	
643	$1049 \cdot 2^{3395647} + 1$	1022195	L3035	17	
644	$342924651 \cdot 2^{3394939} - 1$	1021988	L4166	17	
645	$62276102^{131072} + 1$	1021618	L4715	19	Generalized Fermat
646	$555 \cdot 2^{3393389} + 1$	1021515	L2549	17	
647	$62146946^{131072} + 1$	1021500	L4720	19	Generalized Fermat
648	$61837354^{131072} + 1$	1021215	L4656	19	Generalized Fermat
649	$609 \cdot 2^{3392301} + 1$	1021188	L3035	17	
650	$303 \cdot 2^{3391977} + 1$	1021090	L2602	16	
651	$805 \cdot 2^{3391818} + 1$	1021042	L4609	17	
652	$67 \cdot 2^{3391385} - 1$	1020911	L1959	14	
653	$61267078^{131072} + 1$	1020688	L4923	19	Generalized Fermat
654	$663 \cdot 2^{3390469} + 1$	1020636	L4316	17	
655	$61030988^{131072} + 1$	1020468	L4898	19	Generalized Fermat
656	$60642326^{131072} + 1$	1020104	L4591	19	Generalized Fermat
657	$3329 \cdot 2^{3388472} - 1$	1020036	L4841	20	
658	$60540024^{131072} + 1$	1020008	L4591	19	Generalized Fermat
659	$60455792^{131072} + 1$	1019929	L4760	19	Generalized Fermat
660	$60133106^{131072} + 1$	1019624	L4942	19	Generalized Fermat
661	$453 \cdot 2^{3387048} + 1$	1019606	L2602	16	
662	$59720358^{131072} + 1$	1019232	L4656	19	Generalized Fermat
663	$59692546^{131072} + 1$	1019206	L4747	19	Generalized Fermat
664	$59515830^{131072} + 1$	1019037	L4737	19	Generalized Fermat
665	$173198 \cdot 5^{1457792} - 1$	1018959	L3720	13	
666	$59405420^{131072} + 1$	1018931	L4645	19	Generalized Fermat
667	$59362002^{131072} + 1$	1018890	L4249	19	Generalized Fermat
668	$59305348^{131072} + 1$	1018835	L4932	19	Generalized Fermat
669	$59210784^{131072} + 1$	1018745	L4926	19	Generalized Fermat
670	$59161754^{131072} + 1$	1018697	L4928	19	Generalized Fermat
671	$58589880^{131072} + 1$	1018145	L4923	19	Generalized Fermat
672	$58523466^{131072} + 1$	1018080	L4802	19	Generalized Fermat
673	$58447816^{131072} + 1$	1018006	L4591	19	Generalized Fermat
674	$58447642^{131072} + 1$	1018006	L4591	19	Generalized Fermat
675	$58247118^{131072} + 1$	1017811	L4309	19	Generalized Fermat
676	$1425 \cdot 2^{3379921} + 1$	1017461	L1134	20	
677	$57704312^{131072} + 1$	1017278	L4591	19	Generalized Fermat
678	$57694224^{131072} + 1$	1017268	L4656	19	Generalized Fermat
679	$57594734^{131072} + 1$	1017169	L4656	19	Generalized Fermat
680	$57438404^{131072} + 1$	1017015	L4745	19	Generalized Fermat
681	$621 \cdot 2^{3378148} + 1$	1016927	L3035	17	
682	$1093 \cdot 2^{3378000} + 1$	1016883	L4583	17	
683	$861 \cdot 2^{3377601} + 1$	1016763	L4582	17	
684	$56917336^{131072} + 1$	1016496	L4729	19	Generalized Fermat
685	$56735576^{131072} + 1$	1016314	L4760	19	Generalized Fermat
686	$56584816^{131072} + 1$	1016162	L4289	19	Generalized Fermat

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687	$56459558^{131072} + 1$	1016036	L4892	19	Generalized Fermat
688	$56383242^{131072} + 1$	1015959	L4889	19	Generalized Fermat
689	$56307420^{131072} + 1$	1015883	L4843	19	Generalized Fermat
690	$208003! - 1$	1015843	p394	16	Factorial
691	$55645700^{131072} + 1$	1015210	L4745	19	Generalized Fermat
692	$55579418^{131072} + 1$	1015142	L4745	19	Generalized Fermat
693	$55268442^{131072} + 1$	1014822	L4525	19	Generalized Fermat
694	$179 \cdot 2^{3371145} + 1$	1014819	L3763	14	
695	$55184170^{131072} + 1$	1014736	L4871	18	Generalized Fermat
696	$55015050^{131072} + 1$	1014561	L4205	18	Generalized Fermat
697	$839 \cdot 2^{3369383} + 1$	1014289	L2891	17	
698	$65 \cdot 2^{3369359} + 1$	1014280	L5236	21	
699	$677 \cdot 2^{3369115} + 1$	1014208	L2103	17	
700	$54548788^{131072} + 1$	1014076	L4726	18	Generalized Fermat
701	$715 \cdot 2^{3368210} + 1$	1013936	L4527	17	
702	$617 \cdot 2^{3368119} + 1$	1013908	L4552	17	
703	$54361742^{131072} + 1$	1013881	L4210	18	Generalized Fermat
704	$54334044^{131072} + 1$	1013852	L4745	18	Generalized Fermat
705	$54212352^{131072} + 1$	1013724	L4307	18	Generalized Fermat
706	$54206254^{131072} + 1$	1013718	L4249	18	Generalized Fermat
707	$777 \cdot 2^{3367372} + 1$	1013683	L4408	17	
708	$54161106^{131072} + 1$	1013670	L4307	18	Generalized Fermat
709	$54032538^{131072} + 1$	1013535	L4591	18	Generalized Fermat
710	$61 \cdot 2^{3366033} - 1$	1013279	L4405	17	
711	$7665 \cdot 2^{3365896} + 1$	1013240	L5345	21	
712	$8557 \cdot 2^{3365648} + 1$	1013165	L5346	21	
713	$369 \cdot 2^{3365614} + 1$	1013154	L4364	16	
714	$53659976^{131072} + 1$	1013141	L4823	18	Generalized Fermat
715	$8201 \cdot 2^{3365283} + 1$	1013056	L5345	21	
716	$9885 \cdot 2^{3365151} + 1$	1013016	L5344	21	
717	$5173 \cdot 2^{3365096} + 1$	1012999	L5285	21	
718	$8523 \cdot 2^{3364918} + 1$	1012946	L5237	21	
719	$3985 \cdot 2^{3364776} + 1$	1012903	L5178	21	
720	$7003 \cdot 2^{3364172} + 1$	1012721	L5217	21	
721	$6703 \cdot 2^{3364088} + 1$	1012696	L5337	21	
722	$7187 \cdot 2^{3364011} + 1$	1012673	L5217	21	
723	$53161266^{131072} + 1$	1012610	L4307	18	Generalized Fermat
724	$53078434^{131072} + 1$	1012521	L4835	18	Generalized Fermat
725	$2345 \cdot 2^{3363157} + 1$	1012415	L5336	21	
726	$6527 \cdot 2^{3363135} + 1$	1012409	L5167	21	
727	$9387 \cdot 2^{3363088} + 1$	1012395	L5161	21	
728	$8989 \cdot 2^{3362986} + 1$	1012364	L5161	21	
729	$533 \cdot 2^{3362857} + 1$	1012324	L3171	17	
730	$619 \cdot 2^{3362814} + 1$	1012311	L4527	17	
731	$2289 \cdot 2^{3362723} + 1$	1012284	L5161	21	
732	$7529 \cdot 2^{3362565} + 1$	1012237	L5161	21	
733	$7377 \cdot 2^{3362366} + 1$	1012177	L5161	21	
734	$4509 \cdot 2^{3362311} + 1$	1012161	L5324	21	

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735	$7021 \cdot 2^{3362208} + 1$	1012130	L5178	21	
736	$52712138^{131072} + 1$	1012127	L4819	18	Generalized Fermat
737	$104 \cdot 873^{344135} - 1$	1012108	L4700	18	
738	$4953 \cdot 2^{3362054} + 1$	1012083	L5323	21	
739	$8575 \cdot 2^{3361798} + 1$	1012006	L5237	21	
740	$2139 \cdot 2^{3361706} + 1$	1011978	L5174	21	
741	$6939 \cdot 2^{3361203} + 1$	1011827	L5217	21	
742	$52412612^{131072} + 1$	1011802	L4289	18	Generalized Fermat
743	$3^{2120580} - 3^{623816} - 1$	1011774	CH9	19	
744	$8185 \cdot 2^{3360896} + 1$	1011735	L5189	21	
745	$2389 \cdot 2^{3360882} + 1$	1011730	L5317	21	
746	$2787 \cdot 2^{3360631} + 1$	1011655	L5197	21	
747	$6619 \cdot 2^{3360606} + 1$	1011648	L5316	21	
748	$2755 \cdot 2^{3360526} + 1$	1011623	L5174	21	
749	$1445 \cdot 2^{3360099} + 1$	1011494	L5261	21	
750	$8757 \cdot 2^{3359788} + 1$	1011401	L5197	21	
751	$52043532^{131072} + 1$	1011400	L4810	18	Generalized Fermat
752	$5085 \cdot 2^{3359696} + 1$	1011373	L5261	21	
753	$51954384^{131072} + 1$	1011303	L4720	18	Generalized Fermat
754	$6459 \cdot 2^{3359457} + 1$	1011302	L5310	21	
755	$51872628^{131072} + 1$	1011213	L4591	18	Generalized Fermat
756	$6115 \cdot 2^{3358998} + 1$	1011163	L5309	21	
757	$7605 \cdot 2^{3358929} + 1$	1011143	L5308	21	
758	$2315 \cdot 2^{3358899} + 1$	1011133	L5197	21	
759	$6603 \cdot 2^{3358525} + 1$	1011021	L5307	21	
760	$51580416^{131072} + 1$	1010891	L4765	18	Generalized Fermat
761	$51570250^{131072} + 1$	1010880	L4591	18	Generalized Fermat
762	$51567684^{131072} + 1$	1010877	L4800	18	Generalized Fermat
763	$5893 \cdot 2^{3357490} + 1$	1010709	L5285	21	
764	$6947 \cdot 2^{3357075} + 1$	1010585	L5302	21	
765	$4621 \cdot 2^{3357068} + 1$	1010582	L5301	21	
766	$51269192^{131072} + 1$	1010547	L4795	18	Generalized Fermat
767	$1479 \cdot 2^{3356275} + 1$	1010343	L5178	21	
768	$3645 \cdot 2^{3356232} + 1$	1010331	L5296	21	
769	$1259 \cdot 2^{3356215} + 1$	1010325	L5298	21	
770	$2075 \cdot 2^{3356057} + 1$	1010278	L5174	21	
771	$4281 \cdot 2^{3356051} + 1$	1010276	L5295	21	
772	$1275 \cdot 2^{3356045} + 1$	1010274	L5294	21	
773	$50963598^{131072} + 1$	1010206	L4726	18	Generalized Fermat
774	$4365 \cdot 2^{3355770} + 1$	1010192	L5261	21	
775	$50844724^{131072} + 1$	1010074	L4656	18	Generalized Fermat
776	$2183 \cdot 2^{3355297} + 1$	1010049	L5266	21	
777	$3087 \cdot 2^{3355000} + 1$	1009960	L5226	21	
778	$8673 \cdot 2^{3354760} + 1$	1009888	L5233	21	
779	$50495632^{131072} + 1$	1009681	L4591	18	Generalized Fermat
780	$3015 \cdot 2^{3353943} + 1$	1009641	L5290	21	
781	$6819 \cdot 2^{3353877} + 1$	1009622	L5174	21	
782	$9 \cdot 10^{1009567} - 1$	1009568	L3735	16	Near-repdigit

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783	$6393 \cdot 2^{3353366} + 1$	1009468	L5287	21	
784	$3573 \cdot 2^{3353273} + 1$	1009440	L5161	21	
785	$4047 \cdot 2^{3353222} + 1$	1009425	L5286	21	
786	$1473 \cdot 2^{3353114} + 1$	1009392	L5161	21	
787	$1183 \cdot 2^{3353058} + 1$	1009375	L3824	17	
788	$50217306^{131072} + 1$	1009367	L4720	18	Generalized Fermat
789	$81 \cdot 2^{3352924} + 1$	1009333	L1728	12	Generalized Fermat
790	$50110436^{131072} + 1$	1009245	L4591	18	Generalized Fermat
791	$50055102^{131072} + 1$	1009183	L4309	18	Generalized Fermat
792	$7123 \cdot 2^{3352180} + 1$	1009111	L5161	21	
793	$2757 \cdot 2^{3352180} + 1$	1009111	L5285	21	
794	$9307 \cdot 2^{3352014} + 1$	1009061	L5284	21	
795	$2217 \cdot 2^{3351732} + 1$	1008976	L5283	21	
796	$543 \cdot 2^{3351686} + 1$	1008961	L4198	17	
797	$4419 \cdot 2^{3351666} + 1$	1008956	L5279	21	
798	$49817700^{131072} + 1$	1008912	L4760	18	Generalized Fermat
799	$3059 \cdot 2^{3351379} + 1$	1008870	L5278	21	
800	$7789 \cdot 2^{3351046} + 1$	1008770	L5276	21	
801	$9501 \cdot 2^{3350668} + 1$	1008656	L5272	21	
802	$49530004^{131072} + 1$	1008582	L4591	18	Generalized Fermat
803	$9691 \cdot 2^{3349952} + 1$	1008441	L5242	21	
804	$49397682^{131072} + 1$	1008430	L4764	18	Generalized Fermat
805	$3209 \cdot 2^{3349719} + 1$	1008370	L5269	21	
806	$49331672^{131072} + 1$	1008354	L4763	18	Generalized Fermat
807	$393 \cdot 2^{3349525} + 1$	1008311	L3101	16	
808	$49243622^{131072} + 1$	1008252	L4741	18	Generalized Fermat
809	$5487 \cdot 2^{3349303} + 1$	1008245	L5266	21	
810	$49225986^{131072} + 1$	1008232	L4757	18	Generalized Fermat
811	$2511 \cdot 2^{3349104} + 1$	1008185	L5264	21	
812	$7659 \cdot 2^{3348894} + 1$	1008122	L5263	21	
813	$9703 \cdot 2^{3348872} + 1$	1008115	L5262	21	
814	$49090656^{131072} + 1$	1008075	L4752	18	Generalized Fermat
815	$7935 \cdot 2^{3348578} + 1$	1008027	L5161	21	
816	$49038514^{131072} + 1$	1008015	L4743	18	Generalized Fermat
817	$7821 \cdot 2^{3348400} + 1$	1007973	L5260	21	
818	$7911 \cdot 2^{3347532} + 1$	1007712	L5250	21	
819	$8295 \cdot 2^{3347031} + 1$	1007561	L5249	21	
820	$48643706^{131072} + 1$	1007554	L4691	18	Generalized Fermat
821	$4029 \cdot 2^{3346729} + 1$	1007470	L5239	21	
822	$9007 \cdot 2^{3346716} + 1$	1007466	L5161	21	
823	$8865 \cdot 2^{3346499} + 1$	1007401	L5238	21	
824	$6171 \cdot 2^{3346480} + 1$	1007395	L5174	21	
825	$6815 \cdot 2^{3346045} + 1$	1007264	L5235	21	
826	$5 \cdot 326^{400785} + 1$	1007261	L4786	19	
827	$5951 \cdot 2^{3345977} + 1$	1007244	L5233	21	
828	$48370248^{131072} + 1$	1007234	L4701	18	Generalized Fermat
829	$1257 \cdot 2^{3345843} + 1$	1007203	L5192	21	
830	$4701 \cdot 2^{3345815} + 1$	1007195	L5192	21	

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831	$48273828^{131072} + 1$	1007120	L4456	18	Generalized Fermat
832	$7545 \cdot 2^{3345355} + 1$	1007057	L5231	21	
833	$5559 \cdot 2^{3344826} + 1$	1006897	L5223	21	
834	$6823 \cdot 2^{3344692} + 1$	1006857	L5223	21	
835	$4839 \cdot 2^{3344453} + 1$	1006785	L5188	21	
836	$7527 \cdot 2^{3344332} + 1$	1006749	L5220	21	
837	$7555 \cdot 2^{3344240} + 1$	1006721	L5188	21	
838	$6265 \cdot 2^{3344080} + 1$	1006673	L5197	21	
839	$1299 \cdot 2^{3343943} + 1$	1006631	L5217	21	
840	$2815 \cdot 2^{3343754} + 1$	1006574	L5216	21	
841	$5349 \cdot 2^{3343734} + 1$	1006568	L5174	21	
842	$2863 \cdot 2^{3342920} + 1$	1006323	L5179	20	
843	$7387 \cdot 2^{3342848} + 1$	1006302	L5208	20	
844	$9731 \cdot 2^{3342447} + 1$	1006181	L5203	20	
845	$7725 \cdot 2^{3341708} + 1$	1005959	L5195	20	
846	$7703 \cdot 2^{3341625} + 1$	1005934	L5178	20	
847	$7047 \cdot 2^{3341482} + 1$	1005891	L5194	20	
848	$4839 \cdot 2^{3341309} + 1$	1005838	L5192	20	
849	$47179704^{131072} + 1$	1005815	L4673	17	Generalized Fermat
850	$47090246^{131072} + 1$	1005707	L4654	17	Generalized Fermat
851	$8989 \cdot 2^{3340866} + 1$	1005705	L5189	20	
852	$6631 \cdot 2^{3340808} + 1$	1005688	L5188	20	
853	$1341 \cdot 2^{3340681} + 1$	1005649	L5188	20	
854	$733 \cdot 2^{3340464} + 1$	1005583	L3035	16	
855	$2636 \cdot 138^{469911} + 1$	1005557	L4944	21	
856	$3679815 \cdot 2^{3340001} + 1$	1005448	L4922	19	
857	$57 \cdot 2^{3339932} - 1$	1005422	L3519	15	
858	$46776558^{131072} + 1$	1005326	L4659	17	Generalized Fermat
859	$46736070^{131072} + 1$	1005277	L4245	17	Generalized Fermat
860	$46730280^{131072} + 1$	1005270	L4656	17	Generalized Fermat
861	$3651 \cdot 2^{3339341} + 1$	1005246	L5177	20	
862	$3853 \cdot 2^{3339296} + 1$	1005232	L5178	20	
863	$8015 \cdot 2^{3339267} + 1$	1005224	L5176	20	
864	$3027 \cdot 2^{3339182} + 1$	1005198	L5174	20	
865	$9517 \cdot 2^{3339002} + 1$	1005144	L5172	20	
866	$4003 \cdot 2^{3338588} + 1$	1005019	L3035	20	
867	$6841 \cdot 2^{3338336} + 1$	1004944	L1474	20	
868	$2189 \cdot 2^{3338209} + 1$	1004905	L5031	20	
869	$46413358^{131072} + 1$	1004883	L4626	17	Generalized Fermat
870	$46385310^{131072} + 1$	1004848	L4622	17	Generalized Fermat
871	$46371508^{131072} + 1$	1004831	L4620	17	Generalized Fermat
872	$2957 \cdot 2^{3337667} + 1$	1004742	L5144	20	
873	$1515 \cdot 2^{3337389} + 1$	1004658	L1474	20	
874	$7933 \cdot 2^{3337270} + 1$	1004623	L4666	20	
875	$1251 \cdot 2^{3337116} + 1$	1004576	L4893	20	
876	$651 \cdot 2^{3337101} + 1$	1004571	L3260	16	
877	$46077492^{131072} + 1$	1004469	L4595	17	Generalized Fermat
878	$8397 \cdot 2^{3336654} + 1$	1004437	L5125	20	

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879	$8145 \cdot 2^{3336474} + 1$	1004383	L5110	20	
880	$1087 \cdot 2^{3336385} - 1$	1004355	L1828	12	
881	$5325 \cdot 2^{3336120} + 1$	1004276	L2125	20	
882	$849 \cdot 2^{3335669} + 1$	1004140	L3035	16	
883	$8913 \cdot 2^{3335216} + 1$	1004005	L5079	20	
884	$7725 \cdot 2^{3335213} + 1$	1004004	L3035	20	
885	$611 \cdot 2^{3334875} + 1$	1003901	L3813	16	
886	$45570624^{131072} + 1$	1003840	L4295	17	Generalized Fermat
887	$403 \cdot 2^{3334410} + 1$	1003761	L4293	16	
888	$5491 \cdot 2^{3334392} + 1$	1003756	L4815	20	
889	$6035 \cdot 2^{3334341} + 1$	1003741	L2125	20	
890	$1725 \cdot 2^{3334341} + 1$	1003740	L2125	20	
891	$4001 \cdot 2^{3334031} + 1$	1003647	L1203	20	
892	$2315 \cdot 2^{3333969} + 1$	1003629	L2125	20	
893	$6219 \cdot 2^{3333810} + 1$	1003581	L4582	20	
894	$8063 \cdot 2^{3333721} + 1$	1003554	L1823	20	
895	$9051 \cdot 2^{3333677} + 1$	1003541	L3924	20	
896	$45315256^{131072} + 1$	1003520	L4562	17	Generalized Fermat
897	$4091 \cdot 2^{3333153} + 1$	1003383	L1474	20	
898	$9949 \cdot 2^{3332750} + 1$	1003262	L5090	20	
899	$3509 \cdot 2^{3332649} + 1$	1003231	L5085	20	
900	$3781 \cdot 2^{3332436} + 1$	1003167	L1823	20	
901	$4425 \cdot 2^{3332394} + 1$	1003155	L3431	20	
902	$6459 \cdot 2^{3332086} + 1$	1003062	L2629	20	
903	$44919410^{131072} + 1$	1003020	L4295	17	Generalized Fermat
904	$5257 \cdot 2^{3331758} + 1$	1002963	L1188	20	
905	$2939 \cdot 2^{3331393} + 1$	1002853	L1823	20	
906	$6959 \cdot 2^{3331365} + 1$	1002845	L1675	20	
907	$8815 \cdot 2^{3330748} + 1$	1002660	L3329	20	
908	$4303 \cdot 2^{3330652} + 1$	1002630	L4730	20	
909	$8595 \cdot 2^{3330649} + 1$	1002630	L4723	20	
910	$673 \cdot 2^{3330436} + 1$	1002564	L3035	16	
911	$8163 \cdot 2^{3330042} + 1$	1002447	L3278	20	
912	$44438760^{131072} + 1$	1002408	L4505	16	Generalized Fermat
913	$193 \cdot 2^{3329782} + 1$	1002367	L3460	14	Divides Fermat $F(3329780)$
914	$44330870^{131072} + 1$	1002270	L4501	16	Generalized Fermat
915	$2829 \cdot 2^{3329061} + 1$	1002151	L4343	20	
916	$5775 \cdot 2^{3329034} + 1$	1002143	L1188	20	
917	$7101 \cdot 2^{3328905} + 1$	1002105	L4568	20	
918	$7667 \cdot 2^{3328807} + 1$	1002075	L4087	20	
919	$129 \cdot 2^{3328805} + 1$	1002073	L3859	14	
920	$7261 \cdot 2^{3328740} + 1$	1002055	L2914	20	
921	$4395 \cdot 2^{3328588} + 1$	1002009	L3924	20	
922	$44085096^{131072} + 1$	1001953	L4482	16	Generalized Fermat
923	$143183 \cdot 2^{3328297} + 1$	1001923	L4504	17	
924	$44049878^{131072} + 1$	1001908	L4466	16	Generalized Fermat
925	$9681 \cdot 2^{3327987} + 1$	1001828	L1204	20	
926	$2945 \cdot 2^{3327987} + 1$	1001828	L2158	20	

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927	$5085 \cdot 2^{3327789} + 1$	1001769	L1823	20	
928	$8319 \cdot 2^{3327650} + 1$	1001727	L1204	20	
929	$4581 \cdot 2^{3327644} + 1$	1001725	L2142	20	
930	$655 \cdot 2^{3327518} + 1$	1001686	L4490	16	
931	$8863 \cdot 2^{3327406} + 1$	1001653	L1675	20	
932	$659 \cdot 2^{3327371} + 1$	1001642	L3502	16	
933	$3411 \cdot 2^{3327343} + 1$	1001634	L1675	20	
934	$4987 \cdot 2^{3327294} + 1$	1001619	L3924	20	
935	$821 \cdot 2^{3327003} + 1$	1001531	L3035	16	
936	$2435 \cdot 2^{3326969} + 1$	1001521	L3035	20	
937	$2277 \cdot 2^{3326794} + 1$	1001469	L5014	20	
938	$6779 \cdot 2^{3326639} + 1$	1001422	L3924	20	
939	$6195 \cdot 2^{3325993} + 1$	1001228	L1474	19	
940	$555 \cdot 2^{3325925} + 1$	1001206	L4414	16	
941	$9041 \cdot 2^{3325643} + 1$	1001123	L3924	19	
942	$1993 \cdot 2^{3325302} + 1$	1001019	L3662	19	
943	$6179 \cdot 2^{3325027} + 1$	1000937	L3048	19	
944	$4485 \cdot 2^{3324900} + 1$	1000899	L1355	19	
945	$3559 \cdot 2^{3324650} + 1$	1000823	L3035	19	
946	$43165206^{131072} + 1$	1000753	L4309	16	Generalized Fermat
947	$43163894^{131072} + 1$	1000751	L4334	16	Generalized Fermat
948	$6927 \cdot 2^{3324387} + 1$	1000745	L3091	19	
949	$9575 \cdot 2^{3324287} + 1$	1000715	L3824	19	
950	$1797 \cdot 2^{3324259} + 1$	1000705	L3895	19	
951	$4483 \cdot 2^{3324048} + 1$	1000642	L3035	19	
952	$791 \cdot 2^{3323995} + 1$	1000626	L3035	16	
953	$6987 \cdot 2^{3323926} + 1$	1000606	L4973	19	
954	$3937 \cdot 2^{3323886} + 1$	1000593	L3035	19	
955	$2121 \cdot 2^{3323852} + 1$	1000583	L1823	19	
956	$1571 \cdot 2^{3323493} + 1$	1000475	L3035	19	
957	$2319 \cdot 2^{3323402} + 1$	1000448	L4699	19	
958	$2829 \cdot 2^{3323341} + 1$	1000429	L4754	19	
959	$4335 \cdot 2^{3323323} + 1$	1000424	L1823	19	
960	$8485 \cdot 2^{3322938} + 1$	1000308	L4858	19	
961	$6505 \cdot 2^{3322916} + 1$	1000302	L4858	19	
962	$597 \cdot 2^{3322871} + 1$	1000287	L3035	16	
963	$9485 \cdot 2^{3322811} + 1$	1000270	L2603	19	
964	$8619 \cdot 2^{3322774} + 1$	1000259	L3035	19	
965	$387 \cdot 2^{3322763} + 1$	1000254	L1455	16	
966	$42654182^{131072} + 1$	1000075	L4208	15	Generalized Fermat
967	$5553507 \cdot 2^{3322000} + 1$	1000029	p391	16	
968	$4288198767 \cdot 2^{3321910} - 1$	1000005	L4960	21	
969	$4229494557 \cdot 2^{3321910} - 1$	1000005	L4960	21	
970	$4022490843 \cdot 2^{3321910} - 1$	1000005	L4960	21	
971	$3751145343 \cdot 2^{3321910} - 1$	1000005	L4960	21	
972	$3715773735 \cdot 2^{3321910} - 1$	1000005	L4960	21	
973	$3698976057 \cdot 2^{3321910} - 1$	1000005	L4960	21	
974	$3659465685 \cdot 2^{3321910} - 1$	1000005	L4960	20	

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975	$3652932033 \cdot 2^{3321910} - 1$	1000005	L4960	20	
976	$3603204333 \cdot 2^{3321910} - 1$	1000005	L4960	20	
977	$3543733545 \cdot 2^{3321910} - 1$	1000005	L4960	20	
978	$3191900133 \cdot 2^{3321910} - 1$	1000005	L4960	20	
979	$3174957723 \cdot 2^{3321910} - 1$	1000005	L4960	20	
980	$2973510903 \cdot 2^{3321910} - 1$	1000005	L4960	19	
981	$2848144257 \cdot 2^{3321910} - 1$	1000005	L4960	19	
982	$2820058827 \cdot 2^{3321910} - 1$	1000005	L4960	19	
983	$2611553775 \cdot 2^{3321910} - 1$	1000004	L4960	20	
984	$2601087525 \cdot 2^{3321910} - 1$	1000004	L4960	19	
985	$2386538565 \cdot 2^{3321910} - 1$	1000004	L4960	19	
986	$2272291887 \cdot 2^{3321910} - 1$	1000004	L4960	19	
987	$2167709265 \cdot 2^{3321910} - 1$	1000004	L4960	19	
988	$2087077797 \cdot 2^{3321910} - 1$	1000004	L4960	19	
989	$1848133623 \cdot 2^{3321910} - 1$	1000004	L4960	19	
990	$1825072257 \cdot 2^{3321910} - 1$	1000004	L4960	19	
991	$1633473837 \cdot 2^{3321910} - 1$	1000004	L4960	19	
992	$1228267623 \cdot 2^{3321910} - 1$	1000004	L4808	19	
993	$1148781333 \cdot 2^{3321910} - 1$	1000004	L4808	19	
994	$1065440787 \cdot 2^{3321910} - 1$	1000004	L4808	19	
995	$1055109357 \cdot 2^{3321910} - 1$	1000004	L4960	19	
996	$992309607 \cdot 2^{3321910} - 1$	1000004	L4808	19	
997	$926102325 \cdot 2^{3321910} - 1$	1000004	L4808	19	
998	$892610007 \cdot 2^{3321910} - 1$	1000004	L4960	19	
999	$763076757 \cdot 2^{3321910} - 1$	1000004	L4960	19	
1000	$607766997 \cdot 2^{3321910} - 1$	1000004	L4808	19	
1001	$539679177 \cdot 2^{3321910} - 1$	1000004	L4808	19	
1002	$425521077 \cdot 2^{3321910} - 1$	1000004	L4808	19	
1003	$132940575 \cdot 2^{3321910} - 1$	1000003	L4808	19	
1004	$239378138685 \cdot 2^{3321891} + 1$	1000001	L5104	20	
1005	$464253 \cdot 2^{3321908} - 1$	1000000	L466	13	
1006	$3^{2095902} + 3^{647322} - 1$	1000000	x44	18	
1007	$191273 \cdot 2^{3321908} - 1$	1000000	L466	13	
1008	$1814570322984178^{65536} + 1$	1000000	L5080	20	Generalized Fermat
1009	$1814570322977518^{65536} + 1$	1000000	L5080	20	Generalized Fermat
1010	$3292665455999520712131951642528^{32768} + 1$	1000000	L5120	20	Generalized Fermat
1011	$3292665455999520712131951625894^{32768} + 1$	1000000	L5122	20	Generalized Fermat
1012	[Long prime 1012]	1000000	L5207	20	Generalized Fermat
1013	[Long prime 1013]	1000000	L5122	20	Generalized Fermat
1014	[Long prime 1014]	1000000	p419	21	Generalized Fermat
1015	[Long prime 1015]	1000000	p418	21	Generalized Fermat
1016	[Long prime 1016]	1000000	p417	21	Generalized Fermat
1017	[Long prime 1017]	1000000	p416	21	Generalized Fermat
1018	$10^{999999} + 308267 \cdot 10^{292000} + 1$	1000000	CH10	21	
1019	$3139 \cdot 2^{3321905} - 1$	999997	L185	08	
1020	$4847 \cdot 2^{3321063} + 1$	999744	SB9	05	

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1021	$49 \cdot 2^{3309087} - 1$	996137	L1959	13	
1022	$139413 \cdot 6^{1279992} + 1$	996033	L4001	15	
1023	$51 \cdot 2^{3308171} + 1$	995861	L2840	15	
1024	$245114 \cdot 5^{1424104} - 1$	995412	L3686	13	
1025	$175124 \cdot 5^{1422646} - 1$	994393	L3686	13	
1026	$1611 \cdot 2^{2738988} + 1$	992038	L4139	15	
1027	$2017 \cdot 2^{3292325} - 1$	991092	L3345	17	
1028	$\text{Phi}(3, -107970^{98304})$	989588	L4506	16	Generalized unique
1029	$61 \cdot 2^{3286535} - 1$	989348	L4405	16	
1030	$87 \cdot 2^{3279368} + 1$	987191	L3458	15	
1031	$65 \cdot 2^{3270127} + 1$	984409	L3924	15	
1032	$5 \cdot 2^{3264650} - 1$	982759	L384	13	
1033	$223 \cdot 2^{3264459} - 1$	982703	L1884	12	
1034	$9 \cdot 2^{3259381} - 1$	981173	L1828	11	
1035	$6 \cdot 5^{1403337} + 1$	980892	L4965	20	
1036	$33 \cdot 2^{3242126} - 1$	975979	L3345	14	
1037	$39 \cdot 2^{3240990} + 1$	975637	L3432	14	
1038	$6 \cdot 5^{1392287} + 1$	973168	L4965	20	
1039	$211195 \cdot 2^{3224974} + 1$	970820	L2121	13	
1040	$7 \cdot 6^{1246814} + 1$	970211	L4965	19	
1041	$35 \cdot 832^{332073} - 1$	969696	L4001	19	
1042	$600921 \cdot 2^{3219922} - 1$	969299	g337	18	
1043	$24297936^{131072} + 1$	968042	L4201	21	Generalized Fermat
1044	$6 \cdot 409^{369832} + 1$	965900	L4001	15	
1045	$23363426^{131072} + 1$	965809	L5033	21	Generalized Fermat
1046	$94373 \cdot 2^{3206717} + 1$	965323	L2785	13	
1047	$2751 \cdot 2^{3206569} - 1$	965277	L4036	15	
1048	$23045178^{131072} + 1$	965029	L5023	21	Generalized Fermat
1049	$23011666^{131072} + 1$	964946	L5273	21	Generalized Fermat
1050	$22980158^{131072} + 1$	964868	L4201	21	Generalized Fermat
1051	$22901508^{131072} + 1$	964673	L4743	21	Generalized Fermat
1052	$22808110^{131072} + 1$	964440	L5248	21	Generalized Fermat
1053	$22718284^{131072} + 1$	964215	L5254	21	Generalized Fermat
1054	$22705306^{131072} + 1$	964183	L5248	21	Generalized Fermat
1055	$113983 \cdot 2^{3201175} - 1$	963655	L613	08	
1056	$34 \cdot 888^{326732} - 1$	963343	L4001	17	
1057	$22007146^{131072} + 1$	962405	L4245	20	Generalized Fermat
1058	$4 \cdot 3^{2016951} + 1$	962331	L4965	20	
1059	$21917442^{131072} + 1$	962173	L4622	20	Generalized Fermat
1060	$21869554^{131072} + 1$	962048	L5061	20	Generalized Fermat
1061	$21757066^{131072} + 1$	961754	L4773	20	Generalized Fermat
1062	$21582550^{131072} + 1$	961296	L5068	20	Generalized Fermat
1063	$21517658^{131072} + 1$	961125	L5126	20	Generalized Fermat
1064	$20968936^{131072} + 1$	959654	L4245	20	Generalized Fermat
1065	$20674450^{131072} + 1$	958849	L4245	20	Generalized Fermat
1066	$20234282^{131072} + 1$	957624	L4942	20	Generalized Fermat
1067	$20227142^{131072} + 1$	957604	L4677	20	Generalized Fermat
1068	$20185276^{131072} + 1$	957486	L4201	20	Generalized Fermat

rank	description	digits	who	year	comment
1069	$33 \cdot 2^{3176269} + 1$	956154	L3432	13	
1070	$19464034^{131072} + 1$	955415	L4956	20	Generalized Fermat
1071	$600921 \cdot 2^{3173683} - 1$	955380	g337	18	
1072	$19216648^{131072} + 1$	954687	L5024	20	Generalized Fermat
1073	$1414 \cdot 95^{482691} - 1$	954633	L4877	19	
1074	$78 \cdot 236^{402022} - 1$	953965	L4944	20	
1075	$18968126^{131072} + 1$	953946	L5011	20	Generalized Fermat
1076	$18813106^{131072} + 1$	953479	L4201	20	Generalized Fermat
1077	$18608780^{131072} + 1$	952857	L4488	20	Generalized Fermat
1078	$1087 \cdot 2^{3164677} - 1$	952666	L1828	12	
1079	$18509226^{131072} + 1$	952552	L4884	20	Generalized Fermat
1080	$18501600^{131072} + 1$	952528	L4875	20	Generalized Fermat
1081	$15 \cdot 2^{3162659} + 1$	952057	p286	12	
1082	$18309468^{131072} + 1$	951934	L4928	20	Generalized Fermat
1083	$18298534^{131072} + 1$	951900	L4201	20	Generalized Fermat
1084	$67 \cdot 2^{3161450} + 1$	951694	L3223	15	
1085	$58 \cdot 117^{460033} + 1$	951436	L4944	20	
1086	$17958952^{131072} + 1$	950834	L4201	20	Generalized Fermat
1087	$17814792^{131072} + 1$	950375	L4752	20	Generalized Fermat
1088	$17643330^{131072} + 1$	949824	L4201	20	Generalized Fermat
1089	$19 \cdot 2^{3155009} - 1$	949754	L1828	12	
1090	$17141888^{131072} + 1$	948183	L4963	19	Generalized Fermat
1091	$17138628^{131072} + 1$	948172	L4963	19	Generalized Fermat
1092	$17119936^{131072} + 1$	948110	L4963	19	Generalized Fermat
1093	$17052490^{131072} + 1$	947885	L4715	19	Generalized Fermat
1094	$17025822^{131072} + 1$	947796	L4870	19	Generalized Fermat
1095	$16985784^{131072} + 1$	947662	L4295	19	Generalized Fermat
1096	$16741226^{131072} + 1$	946837	L4201	19	Generalized Fermat
1097	$16329572^{131072} + 1$	945420	L4201	19	Generalized Fermat
1098	$69 \cdot 2^{3140225} - 1$	945304	L3764	14	
1099	$3 \cdot 2^{3136255} - 1$	944108	L256	07	
1100	$15731520^{131072} + 1$	943296	L4245	19	Generalized Fermat
1101	$\text{Phi}(3, -62721^{98304})$	943210	L4506	16	Generalized unique
1102	$15667716^{131072} + 1$	943064	L4387	19	Generalized Fermat
1103	$15567144^{131072} + 1$	942698	L4918	19	Generalized Fermat
1104	$15342502^{131072} + 1$	941870	L4245	19	Generalized Fermat
1105	$15237960^{131072} + 1$	941481	L4898	19	Generalized Fermat
1106	$15147290^{131072} + 1$	941141	L4861	19	Generalized Fermat
1107	$15091270^{131072} + 1$	940930	L4760	19	Generalized Fermat
1108	$3125 \cdot 2^{3124079} + 1$	940445	L1160	19	
1109	$14790404^{131072} + 1$	939784	L4871	19	Generalized Fermat
1110	$14613898^{131072} + 1$	939101	L4926	19	Generalized Fermat
1111	$14217182^{131072} + 1$	937534	L4387	19	Generalized Fermat
1112	$134 \cdot 864^{319246} - 1$	937473	L4944	20	
1113	$14020004^{131072} + 1$	936739	L4249	19	Generalized Fermat
1114	$27777 \cdot 2^{3111027} + 1$	936517	L2777	14	Generalized Cullen
1115	$13800346^{131072} + 1$	935840	L4880	19	Generalized Fermat
1116	$13613070^{131072} + 1$	935062	L4245	19	Generalized Fermat

rank	description	digits	who	year	comment
1117	$628 \cdot 80^{491322} + 1$	935033	L4944	21	
1118	$13433028^{131072} + 1$	934305	L4868	18	Generalized Fermat
1119	$1019 \cdot 2^{3103680} - 1$	934304	L1828	12	
1120	$99 \cdot 2^{3102401} - 1$	933918	L1862	17	
1121	$256612 \cdot 5^{1335485} - 1$	933470	L1056	13	
1122	$13083418^{131072} + 1$	932803	L4747	18	Generalized Fermat
1123	$69 \cdot 2^{3097340} - 1$	932395	L3764	14	
1124	$12978952^{131072} + 1$	932347	L4849	18	Generalized Fermat
1125	$12961862^{131072} + 1$	932272	L4245	18	Generalized Fermat
1126	$12851074^{131072} + 1$	931783	L4670	18	Generalized Fermat
1127	$45 \cdot 2^{3094632} - 1$	931579	L1862	18	
1128	$57 \cdot 2^{3093440} - 1$	931220	L2484	20	
1129	$12687374^{131072} + 1$	931054	L4289	18	Generalized Fermat
1130	$513 \cdot 2^{3092705} + 1$	931000	L4329	16	
1131	$12661786^{131072} + 1$	930939	L4819	18	Generalized Fermat
1132	$38 \cdot 875^{316292} - 1$	930536	L4001	19	
1133	$5 \cdot 2^{3090860} - 1$	930443	L1862	12	
1134	$12512992^{131072} + 1$	930266	L4814	18	Generalized Fermat
1135	$12357518^{131072} + 1$	929554	L4295	18	Generalized Fermat
1136	$12343130^{131072} + 1$	929488	L4720	18	Generalized Fermat
1137	$373 \cdot 520^{342177} + 1$	929357	L3610	14	
1138	$19401 \cdot 2^{3086450} - 1$	929119	L541	15	
1139	$75 \cdot 2^{3086355} + 1$	929088	L3760	15	
1140	$65 \cdot 2^{3080952} - 1$	927461	L2484	20	
1141	$11876066^{131072} + 1$	927292	L4737	18	Generalized Fermat
1142	$271 \cdot 2^{3079189} - 1$	926931	L2484	18	
1143	$766 \cdot 33^{610412} + 1$	926923	L4001	16	
1144	$11778792^{131072} + 1$	926824	L4672	18	Generalized Fermat
1145	$31 \cdot 332^{367560} + 1$	926672	L4294	18	
1146	$167 \cdot 2^{3077568} - 1$	926443	L1862	19	
1147	$10001 \cdot 2^{3075602} - 1$	925853	L4405	19	
1148	$116 \cdot 107^{455562} - 1$	924513	L4064	21	
1149	$11292782^{131072} + 1$	924425	L4672	18	Generalized Fermat
1150	$14844 \cdot 430^{350980} - 1$	924299	L4001	16	
1151	$11267296^{131072} + 1$	924297	L4654	17	Generalized Fermat
1152	$4 \cdot 3^{1936890} + 1$	924132	L4965	20	Generalized Fermat
1153	$11195602^{131072} + 1$	923933	L4706	17	Generalized Fermat
1154	$60849 \cdot 2^{3067914} + 1$	923539	L591	14	
1155	$674 \cdot 249^{385359} + 1$	923400	L4944	19	
1156	$11036888^{131072} + 1$	923120	L4660	17	Generalized Fermat
1157	$10994460^{131072} + 1$	922901	L4704	17	Generalized Fermat
1158	$21 \cdot 2^{3065701} + 1$	922870	p286	12	
1159	$10962066^{131072} + 1$	922733	L4702	17	Generalized Fermat
1160	$10921162^{131072} + 1$	922520	L4559	17	Generalized Fermat
1161	$43 \cdot 2^{3063674} + 1$	922260	L3432	13	
1162	$8460 \cdot 241^{387047} - 1$	921957	L4944	19	
1163	$10765720^{131072} + 1$	921704	L4695	17	Generalized Fermat
1164	$111 \cdot 2^{3060238} - 1$	921226	L2484	20	

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1165	$5 \cdot 2^{3059698} - 1$	921062	L503	08	
1166	$10453790^{131072} + 1$	920031	L4694	17	Generalized Fermat
1167	$10368632^{131072} + 1$	919565	L4692	17	Generalized Fermat
1168	$123 \cdot 2^{3049038} + 1$	917854	L4119	15	
1169	$10037266^{131072} + 1$	917716	L4691	17	Generalized Fermat
1170	$400 \cdot 95^{463883} - 1$	917435	L4001	19	
1171	$9907326^{131072} + 1$	916975	L4690	17	Generalized Fermat
1172	$454 \cdot 383^{354814} + 1$	916558	L2012	20	
1173	$9785844^{131072} + 1$	916272	L4326	17	Generalized Fermat
1174	$291 \cdot 2^{3037904} + 1$	914503	L3545	15	
1175	$9419976^{131072} + 1$	914103	L4591	17	Generalized Fermat
1176	$9240606^{131072} + 1$	913009	L4591	17	Generalized Fermat
1177	$869 \cdot 2^{3030655} + 1$	912322	L5260	21	
1178	$643 \cdot 2^{3030650} + 1$	912320	L5320	21	
1179	$99 \cdot 2^{3029959} - 1$	912111	L1862	20	
1180	$417 \cdot 2^{3029342} + 1$	911926	L5178	21	
1181	$345 \cdot 2^{3027769} + 1$	911452	L5343	21	
1182	$26 \cdot 3^{1910099} + 1$	911351	L4799	20	
1183	$355 \cdot 2^{3027372} + 1$	911333	L5174	21	
1184	$99 \cdot 2^{3026660} - 1$	911118	L1862	20	
1185	$417 \cdot 2^{3026492} + 1$	911068	L5197	21	
1186	$1065 \cdot 2^{3025527} + 1$	910778	L5208	21	
1187	$8343 \cdot 42^{560662} + 1$	910099	L4444	20	
1188	$699 \cdot 2^{3023263} + 1$	910096	L5335	21	
1189	$8770526^{131072} + 1$	910037	L4245	17	Generalized Fermat
1190	$8704114^{131072} + 1$	909604	L4670	17	Generalized Fermat
1191	$383731 \cdot 2^{3021377} - 1$	909531	L466	11	
1192	$46821 \cdot 2^{3021380} - 374567$	909531	p363	13	
1193	$2^{3021377} - 1$	909526	G3	98	Mersenne 37
1194	$615 \cdot 2^{3019445} + 1$	908947	L5260	21	
1195	$389 \cdot 2^{3019025} + 1$	908820	L5178	21	
1196	$875 \cdot 2^{3018175} + 1$	908565	L5334	21	
1197	$555 \cdot 2^{3016352} + 1$	908016	L5178	21	
1198	$7 \cdot 2^{3015762} + 1$	907836	g279	08	
1199	$759 \cdot 2^{3015314} + 1$	907703	L5178	21	
1200	$75 \cdot 2^{3012342} + 1$	906808	L3941	15	
1201	$459 \cdot 2^{3011814} + 1$	906650	L5178	21	
1202	$991 \cdot 2^{3010036} + 1$	906115	L5326	21	
1203	$583 \cdot 2^{3009698} + 1$	906013	L5325	21	
1204	$8150484^{131072} + 1$	905863	L4249	17	Generalized Fermat
1205	$593 \cdot 2^{3006969} + 1$	905191	L5178	21	
1206	$367 \cdot 2^{3004536} + 1$	904459	L5178	21	
1207	$7926326^{131072} + 1$	904276	L4249	17	Generalized Fermat
1208	$1003 \cdot 2^{3003756} + 1$	904224	L5320	21	
1209	$573 \cdot 2^{3002662} + 1$	903895	L5319	21	
1210	$7858180^{131072} + 1$	903784	L4201	17	Generalized Fermat
1211	$329 \cdot 2^{3002295} + 1$	903784	L5318	21	
1212	$7832704^{131072} + 1$	903599	L4249	17	Generalized Fermat

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1213	$268514 \cdot 5^{1292240} - 1$	903243	L3562	13	
1214	$7 \cdot 10^{902708} + 1$	902709	p342	13	
1215	$435 \cdot 2^{2997453} + 1$	902326	L5167	21	
1216	$583 \cdot 2^{2996526} + 1$	902047	L5174	21	
1217	$1037 \cdot 2^{2995695} + 1$	901798	L5178	21	
1218	$717 \cdot 2^{2995326} + 1$	901686	L5178	21	
1219	$885 \cdot 2^{2995274} + 1$	901671	L5178	21	
1220	$43 \cdot 2^{2994958} + 1$	901574	L3222	13	
1221	$1065 \cdot 2^{2994154} + 1$	901334	L5315	21	
1222	$561 \cdot 2^{2994132} + 1$	901327	L5314	21	
1223	$1095 \cdot 2^{2992587} - 1$	900862	L1828	11	
1224	$519 \cdot 2^{2991849} + 1$	900640	L5311	21	
1225	$7379442^{131072} + 1$	900206	L4201	17	Generalized Fermat
1226	$459 \cdot 2^{2990134} + 1$	900123	L5197	21	
1227	$15 \cdot 2^{2988834} + 1$	899730	p286	12	
1228	$29 \cdot 564^{326765} + 1$	899024	L4001	17	
1229	$971 \cdot 2^{2982525} + 1$	897833	L5197	21	
1230	$1033 \cdot 2^{2980962} + 1$	897362	L5305	21	
1231	$39 \cdot 2^{2978894} + 1$	896739	L2719	13	
1232	$4348099 \cdot 2^{2976221} - 1$	895939	L466	08	
1233	$205833 \cdot 2^{2976222} - 411665$	895938	L4667	17	
1234	$18976 \cdot 2^{2976221} - 18975$	895937	p373	14	
1235	$2^{2976221} - 1$	895932	G2	97	Mersenne 36
1236	$1024 \cdot 3^{1877301} + 1$	895704	p378	14	
1237	$1065 \cdot 2^{2975442} + 1$	895701	L5300	21	Divides $GF(2975440, 3)$
1238	$591 \cdot 2^{2975069} + 1$	895588	L5299	21	
1239	$249 \cdot 2^{2975002} + 1$	895568	L2322	15	
1240	$195 \cdot 2^{2972947} + 1$	894949	L3234	15	
1241	$6705932^{131072} + 1$	894758	L4201	17	Generalized Fermat
1242	$391 \cdot 2^{2971600} + 1$	894544	L5242	21	
1243	$46425 \cdot 2^{2971203} + 1$	894426	L2777	14	Generalized Cullen
1244	$625 \cdot 2^{2970336} + 1$	894164	L5233	21	Generalized Fermat
1245	$493 \cdot 72^{480933} + 1$	893256	L3610	14	
1246	$561 \cdot 2^{2964753} + 1$	892483	L5161	21	
1247	$1185 \cdot 2^{2964350} + 1$	892362	L5161	21	
1248	$6403134^{131072} + 1$	892128	L4510	16	Generalized Fermat
1249	$6391936^{131072} + 1$	892028	L4511	16	Generalized Fermat
1250	$627 \cdot 2^{2959098} + 1$	890781	L5197	21	
1251	$45 \cdot 2^{2958002} - 1$	890449	L1862	17	
1252	$729 \cdot 2^{2955389} + 1$	889664	L5282	21	
1253	$198677 \cdot 2^{2950515} + 1$	888199	L2121	12	
1254	$88 \cdot 985^{296644} + 1$	887987	L4944	20	
1255	$5877582^{131072} + 1$	887253	L4245	16	Generalized Fermat
1256	$17 \cdot 2^{2946584} - 1$	887012	L3519	13	
1257	$489 \cdot 2^{2944673} + 1$	886438	L5167	21	
1258	$141 \cdot 2^{2943065} + 1$	885953	L3719	15	
1259	$757 \cdot 2^{2942742} + 1$	885857	L5261	21	
1260	$5734100^{131072} + 1$	885846	L4477	16	Generalized Fermat

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1261	$33 \cdot 2^{2939063} - 1$	884748	L3345	13	
1262	$5903 \cdot 2^{2938744} - 1$	884654	L4036	15	
1263	$717 \cdot 2^{2937963} + 1$	884418	L5256	21	
1264	$5586416^{131072} + 1$	884361	L4454	16	Generalized Fermat
1265	$243 \cdot 2^{2937316} + 1$	884223	L4114	15	
1266	$973 \cdot 2^{2937046} + 1$	884142	L5253	21	
1267	$61 \cdot 2^{2936967} - 1$	884117	L2484	17	
1268	$903 \cdot 2^{2934602} + 1$	883407	L5246	21	
1269	$5471814^{131072} + 1$	883181	L4362	16	Generalized Fermat
1270	$188 \cdot 228^{374503} + 1$	883056	L4786	20	
1271	$53 \cdot 248^{368775} + 1$	883016	L5196	20	
1272	$5400728^{131072} + 1$	882436	L4201	16	Generalized Fermat
1273	$17 \cdot 326^{350899} + 1$	881887	L4786	19	
1274	$855 \cdot 2^{2929550} + 1$	881886	L5200	21	
1275	$5326454^{131072} + 1$	881648	L4201	16	Generalized Fermat
1276	$839 \cdot 2^{2928551} + 1$	881585	L5242	21	
1277	$7019 \cdot 10^{881309} - 1$	881313	L3564	13	
1278	$25 \cdot 2^{2927222} + 1$	881184	L1935	13	Generalized Fermat
1279	$577 \cdot 2^{2925602} + 1$	880697	L5201	21	
1280	$97366 \cdot 5^{1259955} - 1$	880676	L3567	13	
1281	$973 \cdot 2^{2923062} + 1$	879933	L5228	21	
1282	$1126 \cdot 177^{391360} + 1$	879770	L4955	20	
1283	$243944 \cdot 5^{1258576} - 1$	879713	L3566	13	
1284	$693 \cdot 2^{2921528} + 1$	879471	L5201	21	
1285	$6 \cdot 10^{879313} + 1$	879314	L5009	19	
1286	$269 \cdot 2^{2918105} + 1$	878440	L2715	15	
1287	$331 \cdot 2^{2917844} + 1$	878362	L5210	21	
1288	$169 \cdot 2^{2917805} - 1$	878350	L2484	18	
1289	$1085 \cdot 2^{2916967} + 1$	878098	L5174	20	
1290	$389 \cdot 2^{2916499} + 1$	877957	L5215	20	
1291	$431 \cdot 2^{2916429} + 1$	877936	L5214	20	
1292	$1189 \cdot 2^{2916406} + 1$	877929	L5174	20	
1293	$7 \cdot 2^{2915954} + 1$	877791	g279	08	Divides $GF(2915953, 12)$ [g322]
1294	$4974408^{131072} + 1$	877756	L4380	16	Generalized Fermat
1295	$465 \cdot 2^{2914079} + 1$	877228	L5210	20	
1296	$427194 \cdot 113^{427194} + 1$	877069	p310	12	Generalized Cullen
1297	$4893072^{131072} + 1$	876817	L4303	16	Generalized Fermat
1298	$493 \cdot 2^{2912552} + 1$	876769	L5192	21	
1299	$143157 \cdot 2^{2911403} + 1$	876425	L4504	17	
1300	$567 \cdot 2^{2910402} + 1$	876122	L5201	20	
1301	$683 \cdot 2^{2909217} + 1$	875765	L5199	20	
1302	$674 \cdot 249^{365445} + 1$	875682	L4944	19	
1303	$475 \cdot 2^{2908802} + 1$	875640	L5192	21	
1304	$371 \cdot 2^{2907377} + 1$	875211	L5197	20	
1305	$207 \cdot 2^{2903535} + 1$	874054	L3173	15	
1306	$851 \cdot 2^{2902731} + 1$	873813	L5177	20	
1307	$777 \cdot 2^{2901907} + 1$	873564	L5192	20	
1308	$717 \cdot 2^{2900775} + 1$	873224	L5185	20	

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1309	$99 \cdot 2^{2899303} - 1$	872780	L1862	17	
1310	$63 \cdot 2^{2898957} + 1$	872675	L3262	13	
1311	$11 \cdot 2^{2897409} + 1$	872209	L2973	13	Divides $GF(2897408, 3)$
1312	$747 \cdot 2^{2895307} + 1$	871578	L5178	20	
1313	$403 \cdot 2^{2894566} + 1$	871354	L5180	20	
1314	$629 \cdot 2^{2892961} + 1$	870871	L5173	20	
1315	$627 \cdot 2^{2891514} + 1$	870436	L5168	20	
1316	$363 \cdot 2^{2890208} + 1$	870042	L3261	20	
1317	$471 \cdot 2^{2890148} + 1$	870024	L5158	20	
1318	$4329134^{131072} + 1$	869847	L4395	16	Generalized Fermat
1319	$583 \cdot 2^{2889248} + 1$	869754	L5139	20	
1320	$955 \cdot 2^{2887934} + 1$	869358	L4958	20	
1321	$937 \cdot 2^{2887130} + 1$	869116	L5134	20	
1322	$885 \cdot 2^{2886389} + 1$	868893	L3924	20	
1323	$763 \cdot 2^{2885928} + 1$	868754	L2125	20	
1324	$1071 \cdot 2^{2884844} + 1$	868428	L3593	20	
1325	$1181 \cdot 2^{2883981} + 1$	868168	L3593	20	
1326	$51 \cdot 2^{2881227} + 1$	867338	L3512	13	
1327	$933 \cdot 2^{2879973} + 1$	866962	L4951	20	
1328	$261 \cdot 2^{2879941} + 1$	866952	L4119	15	
1329	$4085818^{131072} + 1$	866554	L4201	16	Generalized Fermat
1330	$65 \cdot 2^{2876718} - 1$	865981	L2484	16	
1331	$21 \cdot 948^{290747} - 1$	865500	L4985	19	
1332	$4013 \cdot 2^{2873250} - 1$	864939	L1959	14	
1333	$41 \cdot 2^{2872058} - 1$	864578	L2484	13	
1334	$359 \cdot 2^{2870935} + 1$	864241	L1300	20	
1335	$165 \cdot 2^{2870868} + 1$	864220	L4119	15	
1336	$961 \cdot 2^{2870596} + 1$	864139	L1300	20	Generalized Fermat
1337	$665 \cdot 2^{2869847} + 1$	863913	L2885	20	
1338	$283 \cdot 2^{2868750} + 1$	863583	L3877	15	
1339	$845 \cdot 2^{2868291} + 1$	863445	L5100	20	
1340	$3125 \cdot 2^{2867399} + 1$	863177	L1754	19	
1341	$701 \cdot 2^{2867141} + 1$	863099	L1422	20	
1342	$3814944^{131072} + 1$	862649	L4201	16	Generalized Fermat
1343	$307 \cdot 2^{2862962} + 1$	861840	L4740	20	
1344	$147 \cdot 2^{2862651} + 1$	861746	L1741	15	
1345	$1207 \cdot 2^{2861901} - 1$	861522	L1828	11	
1346	$231 \cdot 2^{2860725} + 1$	861167	L2873	15	
1347	$193 \cdot 2^{2858812} + 1$	860591	L2997	15	
1348	$629 \cdot 2^{2857891} + 1$	860314	L3035	20	
1349	$493 \cdot 2^{2857856} + 1$	860304	L5087	20	
1350	$241 \cdot 2^{2857313} - 1$	860140	L2484	18	
1351	$707 \cdot 2^{2856331} + 1$	859845	L5084	20	
1352	$3615210^{131072} + 1$	859588	L4201	16	Generalized Fermat
1353	$949 \cdot 2^{2854946} + 1$	859428	L2366	20	
1354	$222361 \cdot 2^{2854840} + 1$	859398	g403	06	
1355	$725 \cdot 2^{2854661} + 1$	859342	L5031	20	
1356	$399 \cdot 2^{2851994} + 1$	858539	L4099	20	

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1357	$225 \cdot 2^{2851959} + 1$	858528	L3941	15	
1358	$247 \cdot 2^{2851602} + 1$	858421	L3865	15	
1359	$183 \cdot 2^{2850321} + 1$	858035	L2117	15	
1360	$1191 \cdot 2^{2849315} + 1$	857733	L1188	20	
1361	$717 \cdot 2^{2848598} + 1$	857517	L1204	20	
1362	$795 \cdot 2^{2848360} + 1$	857445	L4099	20	
1363	$3450080^{131072} + 1$	856927	L4201	16	Generalized Fermat
1364	$705 \cdot 2^{2846638} + 1$	856927	L1808	20	
1365	$369 \cdot 2^{2846547} + 1$	856899	L4099	20	
1366	$955 \cdot 2^{2844974} + 1$	856426	L1188	20	
1367	$753 \cdot 2^{2844700} + 1$	856343	L1204	20	
1368	$11138 \cdot 745^{297992} - 1$	855884	L4189	19	
1369	$111 \cdot 2^{2841992} + 1$	855527	L1792	15	
1370	$649 \cdot 2^{2841318} + 1$	855325	L4732	20	
1371	$305 \cdot 2^{2840155} + 1$	854975	L4907	20	
1372	$1149 \cdot 2^{2839622} + 1$	854815	L2042	20	
1373	$95 \cdot 2^{2837909} + 1$	854298	L3539	13	
1374	$199 \cdot 2^{2835667} - 1$	853624	L2484	19	
1375	$595 \cdot 2^{2833406} + 1$	852943	L4343	20	
1376	$1101 \cdot 2^{2832061} + 1$	852539	L4930	20	
1377	$813 \cdot 2^{2831757} + 1$	852447	L4951	20	
1378	$435 \cdot 2^{2831709} + 1$	852432	L4951	20	
1379	$543 \cdot 2^{2828217} + 1$	851381	L4746	19	
1380	$704 \cdot 249^{354745} + 1$	850043	L4944	19	
1381	$1001 \cdot 2^{2822037} + 1$	849521	L1209	19	
1382	$84466 \cdot 5^{1215373} - 1$	849515	L3562	13	
1383	$97 \cdot 2^{2820650} + 1$	849103	L2163	13	
1384	$107 \cdot 2^{2819922} - 1$	848884	L2484	13	
1385	$84256 \cdot 3^{1778899} + 1$	848756	L4789	18	
1386	$45472 \cdot 3^{1778899} - 1$	848756	L4789	18	
1387	$497 \cdot 2^{2818787} + 1$	848543	L4842	19	
1388	$97 \cdot 2^{2818306} + 1$	848397	L3262	13	
1389	$177 \cdot 2^{2816050} + 1$	847718	L129	12	
1390	$553 \cdot 2^{2815596} + 1$	847582	L4980	19	
1391	$1071 \cdot 2^{2814469} + 1$	847243	L3035	19	
1392	$105 \cdot 2^{2813000} + 1$	846800	L3200	15	
1393	$1115 \cdot 2^{2812911} + 1$	846774	L1125	19	
1394	$96 \cdot 10^{846519} - 1$	846521	L2425	11	Near-repdigit
1395	$763 \cdot 2^{2811726} + 1$	846417	L3919	19	
1396	$1125 \cdot 2^{2811598} + 1$	846379	L4981	19	
1397	$891 \cdot 2^{2810100} + 1$	845928	L4981	19	
1398	$441 \cdot 2^{2809881} + 1$	845862	L4980	19	
1399	$711 \cdot 2^{2808473} + 1$	845438	L1502	19	
1400	$1089 \cdot 2^{2808231} + 1$	845365	L4687	19	
1401	$63 \cdot 2^{2807130} + 1$	845033	L3262	13	
1402	$1083 \cdot 2^{2806536} + 1$	844855	L3035	19	
1403	$675 \cdot 2^{2805669} + 1$	844594	L1932	19	
1404	$819 \cdot 2^{2805389} + 1$	844510	L3372	19	

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1405	$1027 \cdot 2^{2805222} + 1$	844459	L3035	19	
1406	$437 \cdot 2^{2803775} + 1$	844024	L3168	19	
1407	$4431 \cdot 372^{327835} - 1$	842718	L4944	19	
1408	$150344 \cdot 5^{1205508} - 1$	842620	L3547	13	
1409	$311 \cdot 2^{2798459} + 1$	842423	L4970	19	
1410	$400254 \cdot 127^{400254} + 1$	842062	g407	13	Generalized Cullen
1411	$2639850^{131072} + 1$	841690	L4249	16	Generalized Fermat
1412	$43 \cdot 2^{2795582} + 1$	841556	L2842	13	
1413	$1001 \cdot 2^{2794357} + 1$	841189	L1675	19	
1414	$117 \cdot 2^{2794014} + 1$	841085	L1741	15	
1415	$1057 \cdot 2^{2792700} + 1$	840690	L1675	19	
1416	$345 \cdot 2^{2792269} + 1$	840560	L1754	19	
1417	$711 \cdot 2^{2792072} + 1$	840501	L4256	19	
1418	$973 \cdot 2^{2789516} + 1$	839731	L3372	19	
1419	$2187 \cdot 2^{2786802} + 1$	838915	L1745	19	
1420	$15 \cdot 2^{2785940} + 1$	838653	p286	12	
1421	$1337 \cdot 2^{2785444} - 1$	838506	L4518	17	
1422	$711 \cdot 2^{2784213} + 1$	838135	L4687	19	
1423	$58582 \cdot 91^{427818} + 1$	838118	L4944	20	
1424	$923 \cdot 2^{2783153} + 1$	837816	L1675	19	
1425	$1103 \cdot 2^{2783149} + 1$	837815	L3784	19	
1426	$485 \cdot 2^{2778151} + 1$	836310	L1745	19	
1427	$600921 \cdot 2^{2776014} - 1$	835670	g337	17	
1428	$1129 \cdot 2^{2774934} + 1$	835342	L1774	19	
1429	$8700 \cdot 241^{350384} - 1$	834625	L4944	19	
1430	$1023 \cdot 2^{2772512} + 1$	834613	L4724	19	
1431	$656 \cdot 249^{348030} + 1$	833953	L4944	19	
1432	$92 \cdot 10^{833852} - 1$	833854	L4789	18	Near-repdigit
1433	$437 \cdot 2^{2769299} + 1$	833645	L3760	19	
1434	$967 \cdot 2^{2768408} + 1$	833377	L3760	19	
1435	$2280466^{131072} + 1$	833359	L4201	16	Generalized Fermat
1436	$1171 \cdot 2^{2768112} + 1$	833288	L2676	19	
1437	$57 \cdot 2^{2765963} + 1$	832640	L3262	13	
1438	$1323 \cdot 2^{2764024} + 1$	832058	L1115	19	
1439	$77 \cdot 2^{2762047} + 1$	831461	L3430	13	
1440	$745 \cdot 2^{2761514} + 1$	831302	L1204	19	
1441	$2194180^{131072} + 1$	831164	L4276	16	Generalized Fermat
1442	$7 \cdot 10^{830865} + 1$	830866	p342	14	
1443	$893 \cdot 2^{2758841} + 1$	830497	L4826	19	
1444	$537 \cdot 2^{2755164} + 1$	829390	L3035	19	
1445	$579 \cdot 2^{2754370} + 1$	829151	L1823	19	
1446	$441 \cdot 2^{2754188} + 1$	829096	L2564	19	Generalized Fermat
1447	$215 \cdot 2^{2751022} - 1$	828143	L2484	18	
1448	$337 \cdot 2^{2750860} + 1$	828094	L4854	19	
1449	$701 \cdot 2^{2750267} + 1$	827916	L3784	19	
1450	$467 \cdot 2^{2749195} + 1$	827593	L1745	19	
1451	$245 \cdot 2^{2748663} + 1$	827433	L3173	15	
1452	$591 \cdot 2^{2748315} + 1$	827329	L3029	19	

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1453	$57 \cdot 2^{2747499} + 1$	827082	L3514	13	Divides Fermat $F(2747497)$
1454	$1089 \cdot 2^{2746155} + 1$	826679	L2583	19	
1455	$707 \cdot 2^{2745815} + 1$	826576	L3760	19	
1456	$459 \cdot 2^{2742310} + 1$	825521	L4582	19	
1457	$777 \cdot 2^{2742196} + 1$	825487	L3919	19	
1458	$609 \cdot 2^{2741078} + 1$	825150	L3091	19	
1459	$639 \cdot 2^{2740186} + 1$	824881	L4958	19	
1460	$905 \cdot 2^{2739805} + 1$	824767	L4958	19	
1461	$1955556^{131072} + 1$	824610	L4250	15	Generalized Fermat
1462	$777 \cdot 2^{2737282} + 1$	824007	L1823	19	
1463	$765 \cdot 2^{2735232} + 1$	823390	L1823	19	
1464	$609 \cdot 2^{2735031} + 1$	823330	L1823	19	
1465	$305 \cdot 2^{2733989} + 1$	823016	L1823	19	
1466	$165 \cdot 2^{2732983} + 1$	822713	L1741	15	
1467	$1133 \cdot 2^{2731993} + 1$	822415	L4687	19	
1468	$251 \cdot 2^{2730917} + 1$	822091	L3924	15	
1469	$1185 \cdot 2^{2730620} + 1$	822002	L4948	19	
1470	$173 \cdot 2^{2729905} + 1$	821786	L3895	15	
1471	$1981 \cdot 2^{2728877} - 1$	821478	L1134	18	
1472	$693 \cdot 2^{2728537} + 1$	821375	L3035	19	
1473	$501 \cdot 2^{2728224} + 1$	821280	L3035	19	
1474	$763 \cdot 2^{2727928} + 1$	821192	L3924	19	
1475	$10 \cdot 743^{285478} + 1$	819606	L4955	19	
1476	$17 \cdot 2^{2721830} - 1$	819354	p279	10	
1477	$1101 \cdot 2^{2720091} + 1$	818833	L4935	19	
1478	$1766192^{131072} + 1$	818812	L4231	15	Generalized Fermat
1479	$165 \cdot 2^{2717378} - 1$	818015	L2055	12	
1480	$68633 \cdot 2^{2715609} + 1$	817485	L5105	20	
1481	$1722230^{131072} + 1$	817377	L4210	15	Generalized Fermat
1482	$9574 \cdot 5^{1169232} + 1$	817263	L4944	21	
1483	$1717162^{131072} + 1$	817210	L4226	15	Generalized Fermat
1484	$133 \cdot 2^{2713410} + 1$	816820	L3223	15	
1485	$45 \cdot 2^{2711732} + 1$	816315	L1349	12	
1486	$569 \cdot 2^{2711451} + 1$	816231	L4568	19	
1487	$335 \cdot 2^{2708958} - 1$	815481	L2235	20	
1488	$93 \cdot 2^{2708718} - 1$	815408	L1862	16	
1489	$1660830^{131072} + 1$	815311	L4207	15	Generalized Fermat
1490	$837 \cdot 2^{2708160} + 1$	815241	L4314	19	
1491	$1005 \cdot 2^{2707268} + 1$	814972	L4687	19	
1492	$13 \cdot 458^{306196} + 1$	814748	L3610	15	
1493	$253 \cdot 2^{2705844} + 1$	814543	L4083	15	
1494	$657 \cdot 2^{2705620} + 1$	814476	L4907	19	
1495	$39 \cdot 2^{2705367} + 1$	814399	L1576	13	Divides $GF(2705360, 3)$
1496	$303 \cdot 2^{2703864} + 1$	813947	L1204	19	
1497	$141 \cdot 2^{2702160} + 1$	813434	L1741	15	
1498	$753 \cdot 2^{2701925} + 1$	813364	L4314	19	
1499	$133 \cdot 2^{2701452} + 1$	813221	L3173	15	
1500	$521 \cdot 2^{2700095} + 1$	812813	L4854	19	

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1501	$393 \cdot 2^{2698956} + 1$	812470	L1823	19	
1502	$417 \cdot 2^{2698652} + 1$	812378	L3035	19	
1503	$525 \cdot 2^{2698118} + 1$	812218	L1823	19	
1504	$3125 \cdot 2^{2697651} + 1$	812078	L3924	19	
1505	$153 \cdot 2^{2697173} + 1$	811933	L3865	15	
1506	$1560730^{131072} + 1$	811772	L4201	15	Generalized Fermat
1507	$26 \cdot 3^{1700041} + 1$	811128	L4799	20	
1508	$\text{Phi}(3, -1538654^{65536})$	810961	L4561	17	Generalized unique
1509	$11 \cdot 2^{2691961} + 1$	810363	p286	13	Divides $GF(2691960, 12)$
1510	$7335 \cdot 2^{2689080} - 1$	809498	L4036	15	
1511	$1049 \cdot 2^{2688749} + 1$	809398	L4869	18	
1512	$329 \cdot 2^{2688221} + 1$	809238	L3035	18	
1513	$865 \cdot 2^{2687434} + 1$	809002	L4844	18	
1514	$989 \cdot 2^{2686591} + 1$	808748	L2805	18	
1515	$136 \cdot 904^{273532} + 1$	808609	L4944	20	
1516	$243 \cdot 2^{2685873} + 1$	808531	L3865	15	
1517	$909 \cdot 2^{2685019} + 1$	808275	L3431	18	
1518	$1455 \cdot 2^{2683953} - 1$	807954	L1134	20	
1519	$11210 \cdot 241^{339153} - 1$	807873	L4944	19	
1520	$\text{Phi}(3, -1456746^{65536})$	807848	L4561	17	Generalized unique
1521	$975 \cdot 2^{2681840} + 1$	807318	L4155	18	
1522	$295 \cdot 2^{2680932} + 1$	807044	L1741	15	
1523	$\text{Phi}(3, -1427604^{65536})$	806697	L4561	17	Generalized unique
1524	$575 \cdot 2^{2679711} + 1$	806677	L2125	18	
1525	$2386 \cdot 52^{469972} + 1$	806477	L4955	19	
1526	$219 \cdot 2^{2676229} + 1$	805628	L1792	15	
1527	$637 \cdot 2^{2675976} + 1$	805552	L3035	18	
1528	$\text{Phi}(3, -1395583^{65536})$	805406	L4561	17	Generalized unique
1529	$951 \cdot 2^{2674564} + 1$	805127	L1885	18	
1530	$1372930^{131072} + 1$	804474	g236	03	Generalized Fermat
1531	$662 \cdot 1009^{267747} - 1$	804286	L4944	20	
1532	$261 \cdot 2^{2671677} + 1$	804258	L3035	15	
1533	$895 \cdot 2^{2671520} + 1$	804211	L3035	18	
1534	$1361244^{131072} + 1$	803988	g236	04	Generalized Fermat
1535	$789 \cdot 2^{2670409} + 1$	803877	L3035	18	
1536	$256 \cdot 11^{771408} + 1$	803342	L3802	14	Generalized Fermat
1537	$503 \cdot 2^{2668529} + 1$	803310	L4844	18	
1538	$255 \cdot 2^{2668448} + 1$	803286	L1129	15	
1539	$4189 \cdot 2^{2666639} - 1$	802742	L1959	17	
1540	$539 \cdot 2^{2664603} + 1$	802129	L4717	18	
1541	$26036 \cdot 745^{279261} - 1$	802086	L4189	20	
1542	$1396 \cdot 5^{1146713} - 1$	801522	L3547	13	
1543	$267 \cdot 2^{2662090} + 1$	801372	L3234	15	Divides Fermat $F(2662088)$
1544	$51 \cdot 892^{271541} + 1$	801147	L4944	19	
1545	$297 \cdot 2^{2660048} + 1$	800757	L3865	15	
1546	$99 \cdot 2^{2658496} - 1$	800290	L1862	21	
1633	$334310 \cdot 211^{334310} - 1$	777037	p350	12	Generalized Woodall

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1671	$169 \cdot 2^{2545526} + 1$	766282	L2125	15	Divides $GF(2545525, 10)$, generalized Fermat
1674	$9 \cdot 2^{2543551} + 1$	765687	L1204	11	Divides Fermat $F(2543548)$, $GF(2543549, 3)$, $GF(2543549, 6)$, $GF(2543549, 12)$
1738	$3 \cdot 2^{2478785} + 1$	746190	g245	03	Divides Fermat $F(2478782)$, $GF(2478782, 3)$, $GF(2478776, 6)$, $GF(2478782, 12)$
1769	$41676 \cdot 7^{875197} - 1$	739632	L2777	12	Generalized Woodall
1877	$1183953 \cdot 2^{2367907} - 1$	712818	L447	07	Woodall
1881	$150209! + 1$	712355	p3	11	Factorial
1934	$147855! - 1$	700177	p362	13	Factorial
1976	$3 \cdot 2^{2291610} + 1$	689844	L753	08	Divides $GF(2291607, 3)$, $GF(2291609, 5)$
2012	$2 \cdot 11171^{168429} + 1$	681817	g427	14	Divides $\Phi(11171^{168429}, 2)$
2044	$374565 \cdot 2^{2247391} + 1$	676538	L3532	13	Generalized Cullen
2074	$11 \cdot 2^{2230369} + 1$	671410	L2561	11	Divides $GF(2230368, 3)$
2113	$2 \cdot 179^{294739} + 1$	664004	g424	11	Divides $\Phi(179^{294739}, 2)$
2126	$404882 \cdot 43^{404882} - 1$	661368	p310	11	Generalized Woodall
2130	$2 \cdot 10271^{164621} + 1$	660397	g427	14	Divides $\Phi(10271^{164621}, 2)$
2135	$2 \cdot 659^{233973} + 1$	659544	g424	15	Divides $\Phi(659^{233973}, 2)$
2150	$2 \cdot 191^{287901} + 1$	656713	g424	15	Divides $\Phi(191^{287901}, 2)$
2182	$7 \cdot 2^{2167800} + 1$	652574	g279	07	Divides Fermat $F(2167797)$, $GF(2167799, 5)$, $GF(2167799, 10)$
2192	$1179 \cdot 2^{2158475} + 1$	649769	L3035	14	Divides $GF(2158470, 6)$
2210	$3 \cdot 2^{2145353} + 1$	645817	g245	03	Divides Fermat $F(2145351)$, $GF(2145351, 3)$, $GF(2145352, 5)$, $GF(2145348, 6)$, $GF(2145352, 10)$, $GF(2145351, 12)$
2213	$753 \cdot 2^{2143388} + 1$	645227	L2583	14	Divides $GF(2143383, 3)$
2215	$25 \cdot 2^{2141884} + 1$	644773	L1741	11	Divides Fermat $F(2141872)$, $GF(2141871, 5)$, $GF(2141872, 10)$; generalized Fermat
2218	$7 \cdot 2^{2139912} + 1$	644179	g279	07	Divides $GF(2139911, 12)$
2222	$292402 \cdot 159^{292402} + 1$	643699	g407	12	Generalized Cullen
2232	$93 \cdot 10^{642225} - 1$	642227	L4789	20	Near-repdigit
2264	$189 \cdot 2^{2115473} + 1$	636824	L3784	14	Divides $GF(2115468, 6)$
2276	$316903 \cdot 10^{633806} + 1$	633812	L3532	14	Generalized Cullen
2314	$563528 \cdot 13^{563528} - 1$	627745	p262	09	Generalized Woodall
2316	$437960 \cdot 3^{1313880} + 1$	626886	L2777	12	Generalized Cullen
2319	$107 \cdot 2^{2081775} + 1$	626679	L3432	13	Divides $GF(2081774, 6)$
2324	$269328 \cdot 211^{269328} + 1$	626000	p354	12	Generalized Cullen
2429	$8 \cdot 10^{608989} - 1$	608990	p297	11	Near-repdigit

rank	description	digits	who	year	comment
2443	$45 \cdot 2^{2014557} + 1$	606444	L1349	12	Divides $GF(2014552, 10)$
2444	$251749 \cdot 2^{2013995} - 1$	606279	L436	07	Woodall
2477	$657 \cdot 2^{1998854} + 1$	601718	L2520	13	Divides $GF(1998852, 10)$
2498	$17 \cdot 2^{1990299} + 1$	599141	g267	06	Divides $GF(1990298, 3)$
2504	$101 \cdot 2^{1988279} + 1$	598534	L3141	13	Divides $GF(1988278, 12)$
2563	$175 \cdot 2^{1962288} + 1$	590710	L2137	13	Divides $GF(1962284, 10)$
2568	$225 \cdot 2^{1960083} + 1$	590047	L3548	13	Divides $GF(1960078, 6)$
2654	$2 \cdot 47^{346759} + 1$	579816	g424	11	Divides $Phi(47^{346759}, 2)$
2764	$1183414 \cdot 3^{1183414} + 1$	564639	L2841	14	Generalized Cullen
2771	$71 \cdot 2^{1873569} + 1$	564003	L1223	11	Divides $GF(1873568, 5)$
2796	$13 \cdot 2^{1861732} + 1$	560439	g267	05	Divides $GF(1861731, 6)$
2869	$3 \cdot 2^{1832496} + 1$	551637	p189	07	Divides $GF(1832490, 3)$, $GF(1832494, 5)$
2883	$39 \cdot 2^{1824871} + 1$	549343	L2664	11	Divides $GF(1824867, 6)$
2924	$92 \cdot 10^{544905} - 1$	544907	L3735	15	Near-repdigit
3019	$45 \cdot 2^{1779971} + 1$	535827	L1223	11	Divides $GF(1779969, 5)$
3030	$5 \cdot 2^{1777515} + 1$	535087	p148	05	Divides $GF(1777511, 5)$, $GF(1777514, 6)$
3039	$129 \cdot 2^{1774709} + 1$	534243	L2526	13	Divides $GF(1774705, 12)$
3054	$190088 \cdot 5^{760352} - 1$	531469	L2841	12	Generalized Woodall
3124	$2 \cdot 191^{232149} + 1$	529540	g424	11	Divides $Phi(191^{232149}, 2)$
3293	$183 \cdot 2^{1747660} + 1$	526101	L2163	13	Divides Fermat $F(1747656)$
3918	$5 \cdot 10^{511056} - 1$	511057	p297	11	Near-repdigit
4015	$63 \cdot 2^{1686050} + 1$	507554	L2085	11	Divides $GF(1686047, 12)$
4031	$110059! + 1$	507082	p312	11	Factorial
4149	$55 \cdot 2^{1669798} + 1$	502662	L2518	11	Divides $GF(1669797, 12)$
4166	$2^{1667321} - 2^{833661} + 1$	501914	L137	11	Gaussian Mersenne norm 38?, generalized unique
4276	$30981 \cdot 14^{433735} - 1$	497121	p77	15	Generalized Woodall
4350	$1035092 \cdot 3^{1035092} - 1$	493871	L3544	13	Generalized Woodall
4384	$2 \cdot 359^{192871} + 1$	492804	g424	14	Divides $Phi(359^{192871}, 2)$
4393	$321671 \cdot 34^{321671} - 1$	492638	L4780	19	Generalized Woodall
4936	$216290 \cdot 167^{216290} - 1$	480757	L2777	12	Generalized Woodall
5142	$1098133\# - 1$	476311	p346	12	Primorial
5165	$87 \cdot 2^{1580858} + 1$	475888	L2487	11	Divides $GF(1580856, 6)$
5245	$10^{474500} + 999 \cdot 10^{237249} + 1$	474501	p363	14	Palindrome
5346	$199388 \cdot 233^{199388} - 1$	472028	L4780	18	Generalized Woodall
5356	$103040! - 1$	471794	p301	10	Factorial
5535	$3803 \cdot 2^{1553013} + 1$	467508	L1957	20	Divides $GF(1553012, 5)$
5604	$95 \cdot 10^{466002} - 1$	466004	L3735	14	Near-repdigit
5651	$5 \cdot 10^{464843} - 1$	464844	p297	11	Near-repdigit
5666	$3555 \cdot 2^{1542813} - 4953427788675 \cdot 2^{1290000} - 1$	464437	p363	20	Arithmetic progression $(3, d =$ $3555 \cdot 2^{1542812} - 4953427788675 \cdot$ $2^{1290000})$
5934	$341351 \cdot 22^{341351} - 1$	458243	p260	17	Generalized Woodall
6018	$135 \cdot 2^{1515894} + 1$	456332	L1129	13	Divides $GF(1515890, 10)$
6055	$2 \cdot 839^{155785} + 1$	455479	g424	14	Divides $Phi(839^{155785}, 2)$
6238	$13 \cdot 2^{1499876} + 1$	451509	g267	04	Divides $GF(1499875, 3)$

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6319	$131 \cdot 2^{1494099} + 1$	449771	L2959	12	Divides Fermat $F(1494096)$
6353	$7 \cdot 2^{1491852} + 1$	449094	p166	05	Divides $GF(1491851, 6)$
6439	$1286 \cdot 3^{937499} + 1$	447304	L2777	12	Generalized Cullen
6499	$5 \cdot 10^{445773} - 1$	445774	p297	11	Near-repdigit
6610	$176660 \cdot 18^{353320} - 1$	443519	p325	11	Generalized Woodall
6696	$1467763 \cdot 2^{1467763} - 1$	441847	L381	07	Woodall
7000	$4125 \cdot 2^{1445206} - 2723880039837 \cdot 2^{1290000} - 1$	435054	p199	16	Arithmetic progression ($3, d = 4125 \cdot 2^{1445206} - 2723880039837 \cdot 2^{1290000}$)
7001	$4125 \cdot 2^{1445205} - 1$	435054	L1959	14	Arithmetic progression ($2, d = 4125 \cdot 2^{1445205} - 2723880039837 \cdot 2^{1290000}$) [p199]
7262	$94550! - 1$	429390	p290	10	Factorial
7366	$15 \cdot 2^{1418605} + 1$	427044	g279	06	Divides $GF(1418600, 5)$, $GF(1418601, 6)$
7426	$2415 \cdot 2^{1413628} - 1489088842587 \cdot 2^{1290000} - 1$	425548	p199	17	Arithmetic progression ($3, d = 2415 \cdot 2^{1413628} - 1489088842587 \cdot 2^{1290000}$)
7427	$2415 \cdot 2^{1413627} - 1$	425548	L1959	14	Arithmetic progression ($2, d = 2415 \cdot 2^{1413627} - 1489088842587 \cdot 2^{1290000}$) [p199]
7554	$2985 \cdot 2^{1404275} - 770527213395 \cdot 2^{1290000} - 1$	422733	p199	17	Arithmetic progression ($3, d = 2985 \cdot 2^{1404275} - 770527213395 \cdot 2^{1290000}$)
7555	$2985 \cdot 2^{1404274} - 1$	422733	L1959	14	Arithmetic progression ($2, d = 2985 \cdot 2^{1404274} - 770527213395 \cdot 2^{1290000}$) [p199]
7648	$2^{1398269} - 1$	420921	G1	96	Mersenne 35
7718	$999999998 \cdot 10^{419343} - 1$	419352	L1958	19	Near-repdigit
7779	$182402 \cdot 14^{364804} - 1$	418118	p325	11	Generalized Woodall
7788	$17 \cdot 2^{1388355} + 1$	417938	g267	05	Divides $GF(1388354, 10)$
7799	$249798 \cdot 47^{249798} - 1$	417693	L4780	18	Generalized Woodall
8315	$338707 \cdot 2^{1354830} + 1$	407850	L124	05	Cullen
8487	$11 \cdot 2^{1343347} + 1$	404389	p169	05	Divides $GF(1343346, 6)$
8588	$107 \cdot 2^{1337019} + 1$	402485	L2659	12	Divides $GF(1337018, 10)$
8613	$1389 \cdot 2^{1335434} + 1$	402009	L1209	15	Divides $GF(1335433, 10)$
8826	$5 \cdot 2^{1320487} + 1$	397507	g55	02	Divides $GF(1320486, 12)$
8858	$94189 \cdot 2^{1318646} + 1$	396957	L2777	13	Generalized Cullen
9184	$10^{390636} + 999 \cdot 10^{195317} + 1$	390637	p363	14	Palindrome
9307	$9422094211005 \cdot 2^{1290000} - 1$	388342	L3494	20	Arithmetic progression ($3, d = 2227792035315 \cdot 2^{1290001}$)
9308	$2618163402417 \cdot 2^{1290001} - 1$	388342	L927	16	Sophie Germain ($2p + 1$)
9309	$4966510140375 \cdot 2^{1290000} - 1$	388342	L3573	20	Arithmetic progression ($2, d = 2227792035315 \cdot 2^{1290001}$)
9913	$2996863034895 \cdot 2^{1290000} + 1$	388342	L2035	16	Twin ($p + 2$)
9914	$2996863034895 \cdot 2^{1290000} - 1$	388342	L2035	16	Twin (p)
10152	$2723880039837 \cdot 2^{1290000} - 1$	388342	L3829	16	Arithmetic progression ($1, d = 4125 \cdot 2^{1445205} - 2723880039837 \cdot 2^{1290000}$) [p199]

rank	description	digits	who	year	comment
10245	$2618163402417 \cdot 2^{1290000} - 1$	388342	L927	16	Sophie Germain (p)
10737	$2060323099527 \cdot 2^{1290000} - 1$	388342	L3606	15	Arithmetic progression ($2, d = 69718264533 \cdot 2^{1290002}$) [p199]
10833	$1938662032575 \cdot 2^{1290000} - 1$	388341	L927	15	Arithmetic progression ($1, d = 10032831585 \cdot 2^{1290001}$) [p199]
10969	$1781450041395 \cdot 2^{1290000} - 1$	388341	L3203	15	Arithmetic progression ($1, d = 69718264533 \cdot 2^{1290002}$) [p199]
11225	$1489088842587 \cdot 2^{1290000} - 1$	388341	L2511	14	Arithmetic progression ($1, d = 2415 \cdot 2^{1413627} - 1489088842587 \cdot 2^{1290000}$) [p199]
11471	$1188581180295 \cdot 2^{1290000} - 1$	388341	L3765	14	Arithmetic progression ($1, d = 160128309135 \cdot 2^{1290001}$) [L3494]
12525	$1957 \cdot 2^{1284992} + 1$	386825	L3913	14	Divides $GF(1284991, 6)$
12568	$5 \cdot 2^{1282755} + 1$	386149	g55	02	Divides $GF(1282754, 3)$, $GF(1282748, 5)$
12655	$15 \cdot 2^{1276177} + 1$	384169	g279	06	Divides $GF(1276174, 3)$, $GF(1276174, 10)$
12759	$1268979 \cdot 2^{1268979} - 1$	382007	L201	07	Woodall
12942	$2^{1257787} - 1$	378632	SG	96	Mersenne 34
13105	$329 \cdot 2^{1246017} + 1$	375092	L2085	12	Divides Fermat $F(1246013)$
13283	$259738 \cdot 3^{779214} + 1$	371785	L2777	11	Generalized Cullen
13297	$531 \cdot 2^{1233440} + 1$	371306	L2803	11	Divides $GF(1233439, 5)$
13583	$843301\# - 1$	365851	p302	10	Primorial
13638	$25 \cdot 2^{1211488} + 1$	364696	g279	05	Generalized Fermat, divides $GF(1211487, 12)$
13756	$10^{362600} + 666 \cdot 10^{181299} + 1$	362601	p363	14	Palindrome
13763	$2^{1203793} - 2^{601897} + 1$	362378	L192	06	Gaussian Mersenne norm 37, generalized unique
13887	$1195203 \cdot 2^{1195203} - 1$	359799	L124	05	Woodall
14513	$5245 \cdot 2^{1153762} + 1$	347321	L1204	13	Divides $GF(1153761, 12)$
14529	$29 \cdot 2^{1152765} + 1$	347019	g300	05	Divides $GF(1152760, 10)$
14867	$33 \cdot 2^{1130884} + 1$	340432	L165	06	Divides $GF(1130881, 12)$
14884	$163 \cdot 2^{1129934} + 1$	340147	L1751	10	Divides $GF(1129933, 10)$
15394	$2145 \cdot 2^{1099064} + 1$	330855	L1792	13	Divides Fermat $F(1099061)$
15597	$93 \cdot 2^{1087202} + 1$	327283	L669	10	Divides $GF(1087199, 12)$
16022	[Long prime 16022]	320237	p44	14	Palindrome
16027	[Long prime 16027]	320097	p44	14	Palindrome
16252	$1491 \cdot 2^{1050764} + 1$	316315	L2826	13	Divides $GF(1050763, 10)$
16342	$10^{314727} - 8 \cdot 10^{157363} - 1$	314727	p235	13	Near-repdigit, palindrome
16544	$9539 \cdot 2^{1034437} + 1$	311401	L1502	13	Divides $GF(1034434, 10)$
17393	$2^{991961} - 2^{495981} + 1$	298611	x28	05	Gaussian Mersenne norm 36, generalized unique
17974	$10^{290253} - 2 \cdot 10^{145126} - 1$	290253	p235	12	Near-repdigit, Palindrome
18048	$11 \cdot 2^{960901} + 1$	289262	g277	05	Divides Fermat $F(960897)$
18487	$10^{283355} - 737 \cdot 10^{141676} - 1$	283355	p399	20	Palindrome
19050	$3 \cdot 2^{916773} + 1$	275977	g245	01	Divides $GF(916771, 3)$, $GF(916772, 10)$
19093	[Long prime 19093]	275495	p44	12	Palindrome

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19271	$1705 \cdot 2^{906110} + 1$	272770	L3174	12	Divides Fermat $F(906108)$
19535	$10^{269479} - 7 \cdot 10^{134739} - 1$	269479	p235	12	Near-repdigit, Palindrome
20358	$2^{859433} - 1$	258716	SG	94	Mersenne 33
23040	$2^{756839} - 1$	227832	SG	92	Mersenne 32
23432	$10^{223663} - 454 \cdot 10^{111830} - 1$	223663	p363	16	Palindrome
23757	$10^{220285} - 949 \cdot 10^{110141} - 1$	220285	p363	16	Palindrome
23879	$10^{219113} - 535 \cdot 10^{109555} - 1$	219113	p363	16	Palindrome
24220	$10^{216091} - 7 \cdot (10^{37627} - 1)/9 \cdot 10^{89232} - 1$	216091	p413	20	Palindrome
24379	$10^{214575} - 20002 \cdot 10^{107285} - 1$	214575	p363	16	Palindrome
24389	$10^{214479} - 535 \cdot 10^{107238} - 1$	214479	p363	16	Palindrome
25087	[Long prime 25087]	208559	p44	14	Palindrome
25088	[Long prime 25088]	208553	p44	14	Palindrome
25095	[Long prime 25095]	208515	p44	14	Palindrome
25340	[Long prime 25340]	206579	p44	14	Palindrome
25863	$27 \cdot 2^{672007} + 1$	202296	g279	05	Divides Fermat $F(672005)$
26062	$667071 \cdot 2^{667071} - 1$	200815	g55	00	Woodall
26085	$18543637900515 \cdot 2^{666668} - 1$	200701	L2429	12	Sophie Germain ($2p + 1$)
26185	$18543637900515 \cdot 2^{666667} - 1$	200701	L2429	12	Sophie Germain (p)
26186	$3756801695685 \cdot 2^{666669} + 1$	200700	L1921	11	Twin ($p + 2$)
26187	$3756801695685 \cdot 2^{666669} - 1$	200700	L1921	11	Twin (p)
30736	$659 \cdot 2^{617815} + 1$	185984	L732	09	Divides Fermat $F(617813)$
32012	$151 \cdot 2^{585044} + 1$	176118	L446	07	Divides Fermat $F(585042)$
32868	$392113\# + 1$	169966	p16	01	Primorial
34507	$366439\# + 1$	158936	p16	01	Primorial
36789	$481899 \cdot 2^{481899} + 1$	145072	gm	98	Cullen
37137	$34790! - 1$	142891	p85	02	Factorial
41316	$2^{364289} - 2^{182145} + 1$	109662	p58	01	Gaussian Mersenne norm 35, generalized unique
41450	$361275 \cdot 2^{361275} + 1$	108761	DS	98	Cullen
41617	$26951! + 1$	107707	p65	02	Factorial
43118	$65516468355 \cdot 2^{333333} + 1$	100355	L923	09	Twin ($p + 2$)
43119	$65516468355 \cdot 2^{333333} - 1$	100355	L923	09	Twin (p)
46867	$(7176^{24691} - 1)/7175$	95202	CH2	17	Generalized repunit
47989	$21480! - 1$	83727	p65	01	Factorial
48398	$183027 \cdot 2^{265441} - 1$	79911	L983	10	Sophie Germain ($2p + 1$)
48399	$183027 \cdot 2^{265440} - 1$	79911	L983	10	Sophie Germain (p)
48474	$262419 \cdot 2^{262419} + 1$	79002	DS	98	Cullen
48722	$3622179275715 \cdot 2^{256003} + 1$	77078	x47	20	Cunningham chain 2nd kind ($2p - 1$)
48723	$3622179275715 \cdot 2^{256002} + 1$	77077	x47	20	Cunningham chain 2nd kind (p)
48811	$648621027630345 \cdot 2^{253825} - 1$	76424	x24	09	Sophie Germain ($2p + 1$)
48812	$620366307356565 \cdot 2^{253825} - 1$	76424	x24	09	Sophie Germain ($2p + 1$)
48813	$648621027630345 \cdot 2^{253824} - 1$	76424	x24	09	Sophie Germain (p)
48814	$620366307356565 \cdot 2^{253824} - 1$	76424	x24	09	Sophie Germain (p)
48849	$2570606397 \cdot 2^{252763} + 1$	76099	p364	20	Cunningham chain 2nd kind ($2p - 1$)
48850	$2570606397 \cdot 2^{252762} + 1$	76099	p364	20	Cunningham chain 2nd kind (p)
49104	$(40734^{16111} - 1)/40733$	74267	CH2	15	Generalized repunit

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49141	$(64758^{15373} - 1)/64757$	73960	p170	18	Generalized repunit
49314	$\text{prim}V(111534, 1, 27000)$	72683	x25	13	Generalized Lucas primitive part
49421	$(58729^{15091} - 1)/58728$	71962	CH2	17	Generalized repunit
49776	$2 \cdot 352666770^{8192} + 1$	70021	p409	20	Cunningham chain 2nd kind ($2p - 1$)
49777	$352666770^{8192} + 1$	70021	p411	20	Cunningham chain 2nd kind (p), generalized Fermat
50129	$(27987^{15313} - 1)/27986$	68092	CH12	20	Generalized repunit
50228	$(23340^{15439} - 1)/23339$	67435	p170	20	Generalized repunit
50306	$12770275971 \cdot 2^{222225} + 1$	66907	L527	17	Twin ($p + 2$)
50307	$12770275971 \cdot 2^{222225} - 1$	66907	L527	17	Twin (p)
50441	$(24741^{15073} - 1)/24740$	66218	p170	20	Generalized repunit
50513	$2 \cdot 103157148^{8192} + 1$	65647	p409	20	Cunningham chain 2nd kind ($2p - 1$)
50514	$103157148^{8192} + 1$	65647	p410	20	Cunningham chain 2nd kind (p), generalized Fermat
50909	$(63847^{13339} - 1)/63846$	64091	p170	13	Generalized repunit
50987	$556336461 \cdot 2^{211356} + 1$	63634	L3494	19	Cunningham chain 2nd kind ($2p - 1$)
50988	$556336461 \cdot 2^{211355} + 1$	63633	L3494	19	Cunningham chain 2nd kind (p)
51000	$1068669447 \cdot 2^{211089} - 1$	63554	L4166	20	Sophie Germain ($2p + 1$)
51001	$1068669447 \cdot 2^{211088} - 1$	63553	L4166	20	Sophie Germain (p)
51071	$145823\# + 1$	63142	p21	00	Primorial
51307	$U(15694, 1, 14700) + U(15694, 1, 14699)$	61674	x45	19	Lehmer number
51318	$(28507^{13831} - 1)/28506$	61612	CH12	20	Generalized repunit
51348	$2^{203789} + 2^{101895} + 1$	61347	O	00	Gaussian Mersenne norm 34, generalized unique
51606	$(26371^{13681} - 1)/26370$	60482	p170	12	Generalized repunit
51645	$U(24, -25, 43201)$	60391	CH12	20	Generalized Lucas number
52130	$99064503957 \cdot 2^{200009} - 1$	60220	L95	16	Sophie Germain ($2p + 1$)
52132	$99064503957 \cdot 2^{200008} - 1$	60220	L95	16	Sophie Germain (p)
52133	$70965694293 \cdot 2^{200006} + 1$	60219	L95	16	Twin ($p + 2$)
52134	$70965694293 \cdot 2^{200006} - 1$	60219	L95	16	Twin (p)
52149	$66444866235 \cdot 2^{200003} + 1$	60218	L95	16	Twin ($p + 2$)
52150	$66444866235 \cdot 2^{200003} - 1$	60218	L95	16	Twin (p)
52283	$(4529^{16381} - 1)/4528$	59886	CH2	12	Generalized repunit
52307	$4884940623 \cdot 2^{198800} + 1$	59855	L4166	15	Twin ($p + 2$)
52308	$4884940623 \cdot 2^{198800} - 1$	59855	L4166	15	Twin (p)
52371	$(9082^{15091} - 1)/9081$	59729	CH2	14	Generalized repunit
52648	$2003663613 \cdot 2^{195000} + 1$	58711	L202	07	Twin ($p + 2$)
52649	$2003663613 \cdot 2^{195000} - 1$	58711	L202	07	Twin (p)
52906	$\text{prim}V(27655, 1, 19926)$	57566	x25	13	Generalized Lucas primitive part
53429	$(43326^{12041} - 1)/43325$	55827	p170	17	Generalized repunit
53569	$17976255129 \cdot 2^{183241} + 1$	55172	p415	21	Twin ($p + 2$)
53570	$17976255129 \cdot 2^{183241} - 1$	55172	p415	21	Twin (p)
54568	$607095 \cdot 2^{176312} - 1$	53081	L983	09	Sophie Germain ($2p + 1$)
54569	$607095 \cdot 2^{176311} - 1$	53081	L983	09	Sophie Germain (p)
54720	$(38284^{11491} - 1)/38283$	52659	CH2	13	Generalized repunit

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54921	$191547657 \cdot 2^{173372} + 1$	52199	L5116	20	Twin ($p + 2$)
54922	$191547657 \cdot 2^{173372} - 1$	52199	L5116	20	Twin (p)
54940	$38529154785 \cdot 2^{173250} + 1$	52165	L3494	14	Twin ($p + 2$)
54941	$38529154785 \cdot 2^{173250} - 1$	52165	L3494	14	Twin (p)
55071	$48047305725 \cdot 2^{172404} - 1$	51910	L99	07	Sophie Germain ($2p + 1$)
55072	$48047305725 \cdot 2^{172403} - 1$	51910	L99	07	Sophie Germain (p)
55170	$137211941292195 \cdot 2^{171961} - 1$	51780	x24	06	Sophie Germain ($2p + 1$)
55171	$194772106074315 \cdot 2^{171960} + 1$	51780	x24	07	Twin ($p + 2$)
55172	$194772106074315 \cdot 2^{171960} - 1$	51780	x24	07	Twin (p)
55173	$137211941292195 \cdot 2^{171960} - 1$	51780	x24	06	Sophie Germain (p)
55174	$100314512544015 \cdot 2^{171960} + 1$	51780	x24	06	Twin ($p + 2$)
55175	$100314512544015 \cdot 2^{171960} - 1$	51780	x24	06	Twin (p)
55176	$16869987339975 \cdot 2^{171960} + 1$	51779	x24	05	Twin ($p + 2$)
55177	$16869987339975 \cdot 2^{171960} - 1$	51779	x24	05	Twin (p)
55393	$(34120^{11311} - 1)/34119$	51269	CH2	11	Generalized repunit
55995	$33218925 \cdot 2^{169690} + 1$	51090	g259	02	Twin ($p + 2$)
55996	$33218925 \cdot 2^{169690} - 1$	51090	g259	02	Twin (p)
56284	$U(809, 1, 17325) - U(809, 1, 17324)$	50378	x45	19	Lehmer number
56640	$(50091^{10357} - 1)/50090$	48671	p170	16	Generalized repunit
56731	$2^{160423} - 2^{80212} + 1$	48293	O	00	Gaussian Mersenne norm 33, generalized unique
56856	$U(67, -1, 26161)$	47773	x45	19	Generalized Lucas number
56858	$primV(40395, -1, 15588)$	47759	x23	07	Generalized Lucas primitive part
56863	$110427610 \cdot 3^{100003} + 1$	47722	p415	21	Twin ($p + 2$)
56864	$110427610 \cdot 3^{100003} - 1$	47722	p415	21	Twin (p)
56929	$primV(53394, -1, 15264)$	47200	CH4	07	Generalized Lucas primitive part
56985	$(44497^{10093} - 1)/44496$	46911	p170	16	Generalized repunit
56993	$3706785456 \cdot 13^{42069} + 1$	46873	p412	20	Twin ($p + 2$)
56994	$3706785456 \cdot 13^{42069} - 1$	46873	p412	20	Twin (p)
57140	$22835841624 \cdot 7^{54321} + 1$	45917	p296	10	Twin ($p + 2$)
57141	$22835841624 \cdot 7^{54321} - 1$	45917	p296	10	Twin (p)
57177	$1679081223 \cdot 2^{151618} + 1$	45651	L527	12	Twin ($p + 2$)
57178	$1679081223 \cdot 2^{151618} - 1$	45651	L527	12	Twin (p)
57182	$9606632571 \cdot 2^{151515} + 1$	45621	p282	14	Twin ($p + 2$)
57183	$9606632571 \cdot 2^{151515} - 1$	45621	p282	14	Twin (p)
57207	$151023 \cdot 2^{151023} - 1$	45468	g25	98	Woodall
57856	$(1852^{13477} - 1)/1851$	44035	p170	15	Generalized repunit
57912	$U(52245, 1, 9241) + U(52245, 1, 9240)$	43595	x45	19	Lehmer number
57956	$21195711 \cdot 2^{143631} - 1$	43245	L3494	19	Sophie Germain ($2p + 1$)
57957	$21195711 \cdot 2^{143630} - 1$	43245	L3494	19	Sophie Germain (p)
57961	$(42417^{9337} - 1)/42416$	43203	p170	15	Generalized repunit
57974	$838269645 \cdot 2^{143166} - 1$	43107	L3494	19	Sophie Germain ($2p + 1$)
57975	$838269645 \cdot 2^{143165} - 1$	43106	L3494	19	Sophie Germain (p)
57976	$570409245 \cdot 2^{143164} - 1$	43106	L3494	19	Sophie Germain ($2p + 1$)
57978	$570409245 \cdot 2^{143163} - 1$	43106	L3494	19	Sophie Germain (p)
57981	$2830598517 \cdot 2^{143113} - 1$	43091	L3494	19	Sophie Germain ($2p + 1$)
57982	$2830598517 \cdot 2^{143112} - 1$	43091	L3494	19	Sophie Germain (p)
57983	$4158932595 \cdot 2^{143074} - 1$	43080	L3494	19	Sophie Germain ($2p + 1$)

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57984	$4158932595 \cdot 2^{143073} - 1$	43079	L3494	19	Sophie Germain (p)
57994	$71509 \cdot 2^{143019} - 1$	43058	g23	98	Woodall, arithmetic progression (2, $d = (143018 \cdot 2^{83969} - 80047) \cdot 2^{59049}$) [x12]
58014	$U(2449, -1, 12671)$	42939	x45	18	Generalized Lucas number, cy- clotomy
58062	$(36210^{9319} - 1)/36209$	42480	p170	19	Generalized repunit
58108	$31737014565 \cdot 2^{140004} - 1$	42156	L95	10	Sophie Germain ($2p + 1$)
58109	$31737014565 \cdot 2^{140003} - 1$	42156	L95	10	Sophie Germain (p)
58110	$14962863771 \cdot 2^{140002} - 1$	42155	L95	10	Sophie Germain ($2p + 1$)
58115	$14962863771 \cdot 2^{140001} - 1$	42155	L95	10	Sophie Germain (p)
58439	$13375563435 \cdot 2^{137137} - 1$	41293	p364	18	Sophie Germain ($2p + 1$)
58440	$13375563435 \cdot 2^{137136} - 1$	41293	p364	18	Sophie Germain (p)
58897	$10429091973 \cdot 2^{135136} - 1$	40691	p364	18	Sophie Germain ($2p + 1$)
58898	$10429091973 \cdot 2^{135135} - 1$	40690	p364	18	Sophie Germain (p)
59186	$73378515705 \cdot 2^{133148} - 1$	40093	L167	18	Sophie Germain ($2p + 1$)
59187	$73378515705 \cdot 2^{133147} - 1$	40093	L167	18	Sophie Germain (p)
59282	$p(1289844341)$	40000	c84	20	Partitions, ECPP
59335	$primV(4836, 1, 16704)$	39616	x25	13	Generalized Lucas primitive part
59625	$U(21041, -1, 9059)$	39159	x45	18	Generalized Lucas number, cy- clotomy
60370	$U(5617, -1, 9539)$	35763	x45	19	Generalized Lucas number, cy- clotomy
60488	$2^{116224} - 15905$	34987	c87	17	ECPP
60519	$(V(60145, 1, 7317) - 1)/(V(60145, 1, 27) - 1)$	34841	x45	19	Lehmer primitive part
60556	$primV(38513, -1, 11502)$	34668	x23	06	Generalized Lucas primitive part
60771	$primV(9008, 1, 16200)$	34168	x23	05	Generalized Lucas primitive part
60781	$(14665 \cdot 10^{34110} - 56641)/9999$	34111	c89	18	ECPP, Palindrome
60785	[Long prime 60785]	34093	c84	16	ECPP
60855	$(V(28138, 1, 7587) - 1)/(V(28138, 1, 27) - 1)$	33637	x45	19	Lehmer primitive part
61032	$U(35896, 1, 7260) + U(35896, 1, 7259)$	33066	x45	19	Lehmer number
61053	$primV(6586, 1, 16200)$	32993	x25	13	Generalized Lucas primitive part
61383	$U(1624, -1, 10169)$	32646	x45	18	Generalized Lucas number, cy- clotomy
61443	$(V(48395, 1, 6921) - 1)/(V(48395, 1, 9) - 1)$	32382	x45	19	Lehmer primitive part
62382	$2^{106693} + 2^{53347} + 1$	32118	O	00	Gaussian Mersenne norm 32, generalized unique
62383	$primV(28875, 1, 13500)$	32116	x25	16	Generalized Lucas primitive part
62545	$(V(77786, 1, 6453) + 1)/(V(77786, 1, 27) + 1)$	31429	x25	12	Lehmer primitive part
62629	$primV(10987, 1, 14400)$	31034	x25	05	Generalized Lucas primitive part
62648	$V(148091)$	30950	c81	15	Lucas number, ECPP
62716	$(V(73570, 1, 6309) - 1)/(V(73570, 1, 9) - 1)$	30661	x25	16	Lehmer primitive part
63023	$49363 \cdot 2^{98727} - 1$	29725	Y	97	Woodall
63027	$U(2341, -1, 8819)$	29712	x25	08	Generalized Lucas number
64537	" - (331^{2128}) "	29492	c80	15	ECPP

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64546	$primV(24127, -1, 6718)$	29433	CH3	05	Generalized Lucas primitive part
64547	$primV(12215, -1, 13500)$	29426	x25	16	Generalized Lucas primitive part
64577	$V(140057)$	29271	c76	14	Lucas number, ECPP
64663	$U(1404, -1, 9209)$	28981	CH10	18	Generalized Lucas number, cyclotomy
64671	$U(23396, 1, 6615) + U(23396, 1, 6614)$	28898	x45	19	Lehmer number
64731	$primV(45922, 1, 11520)$	28644	x25	11	Generalized Lucas primitive part
64743	$primV(205011)$	28552	x39	09	Lucas primitive part
64751	[Long prime 64751]	28506	c94	21	Irregular, ECPP
64775	$U(16531, 1, 6721) - U(16531, 1, 6720)$	28347	x36	07	Lehmer number
64829	$(V(28286, 1, 6309)+1)/(V(28286, 1, 9)+1)$	28045	x25	16	Lehmer primitive part
64834	$U(5092, 1, 7561) + U(5092, 1, 7560)$	28025	x25	14	Lehmer number
64906	[Long prime 64906]	27630	c96	21	ECPP
64958	$90825 \cdot 2^{90825} + 1$	27347	Y	97	Cullen
64962	$U(5239, 1, 7350) - U(5239, 1, 7349)$	27333	CH10	17	Lehmer number
65040	$U(130021)$	27173	x48	21	Fibonacci number, ECPP
65123	$primV(5673, 1, 13500)$	27028	CH3	05	Generalized Lucas primitive part
65239	$primV(44368, 1, 9504)$	26768	CH3	05	Generalized Lucas primitive part
65273	[Long prime 65273]	26709	c77	21	Irregular, ECPP
65301	" $\tau(157^{2206})$ "	26643	FE1	11	ECPP
65492	$primV(10986, -1, 9756)$	26185	x23	05	Generalized Lucas primitive part
65563	$1043945909 \cdot 60013\# + 1$	25992	p155	19	Arithmetic progression ($4, d = 7399459 \cdot 60013\#$)
65564	$1041073153 \cdot 60013\# + 1$	25992	p155	19	Arithmetic progression ($4, d = 10142823 \cdot 60013\#$)
65566	$1036053977 \cdot 60013\# + 1$	25992	p155	19	Arithmetic progression ($4, d = 10664254 \cdot 60013\#$)
65569	$1027676400 \cdot 60013\# + 1$	25992	p155	19	Arithmetic progression ($4, d = 6813491 \cdot 60013\#$)
65571	$1025139165 \cdot 60013\# + 1$	25992	p115	19	Arithmetic progression ($4, d = 6205834 \cdot 60013\#$)
65613	$primV(11076, -1, 12000)$	25885	x25	05	Generalized Lucas primitive part
65693	$2^{85237} + 2^{42619} + 1$	25659	x16	00	Gaussian Mersenne norm 31, generalized unique
65771	$primV(17505, 1, 11250)$	25459	x25	11	Generalized Lucas primitive part
65773	$U(2325, -1, 7561)$	25451	x20	13	Generalized Lucas number
65805	$10^{25333} - 2 \cdot 10^{5182} - 3$	25333	c95	20	ECPP
65806	[Long prime 65806]	25331	c54	17	ECPP
65809	$U(13084, -13085, 6151)$	25319	x45	18	Generalized Lucas number, cyclotomy
65818	[Long prime 65818]	25291	c95	20	Mersenne cofactor, ECPP
65832	$primV(42, -1, 23376)$	25249	x23	07	Generalized Lucas primitive part
65862	$U(1064, -1065, 8311)$	25158	CH10	18	Generalized Lucas number, cyclotomy
65869	$primV(7577, -1, 10692)$	25140	x33	07	Generalized Lucas primitive part
65879	$(2^{83339} + 1)/3$	25088	c54	14	ECPP, generalized Lucas number, Wagstaff
65894	$6753^{5122} + 5122^{6753}$	25050	FE1	10	ECPP

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65945	[Long prime 65945]	24938	c84	21	Mersenne cofactor, ECPP
66030	$U(1766, 1, 7561) - U(1766, 1, 7560)$	24548	x25	13	Lehmer number
66119	$\text{floor}((3/2)^{137752}) + 13566$	24257	c35	15	ECPP
66839	" - $\tau(691^{1522})$ "	23770	c65	14	ECPP
66846	$U(1383, 1, 7561) + U(1383, 1, 7560)$	23745	x25	13	Lehmer number
66848	[Long prime 66848]	23743	c94	21	Irregular, ECPP
66894	$6917! - 1$	23560	g1	98	Factorial
66948	$2^{77291} + 2^{38646} + 1$	23267	O	00	Gaussian Mersenne norm 30, generalized unique
66954	$(V(59936, 1, 4863)+1)/(V(59936, 1, 3)+1)$	23220	x25	13	Lehmer primitive part
66992	$U(1118, 1, 7561) - U(1118, 1, 7560)$	23047	x25	13	Lehmer number
67092	$(V(45366, 1, 4857)+1)/(V(45366, 1, 3)+1)$	22604	x25	13	Lehmer primitive part
67249	$U(104911)$	21925	c82	15	Fibonacci number, ECPP
67325	$U(19258, -1, 5039)$	21586	x23	07	Generalized Lucas number
67352	$6380! + 1$	21507	g1	98	Factorial
67368	$U(43100, 1, 4620) + U(43100, 1, 4619)$	21407	x25	16	Lehmer number
67433	$-E(6658)/85079$	21257	c77	20	Euler irregular, ECPP
67435	$\text{Phi}(39855, -10)$	21248	c95	20	Unique, ECPP
67438	$(V(23354, 1, 4869)-1)/(V(23354, 1, 9)-1)$	21231	x25	13	Lehmer primitive part
67468	$U(15631, 1, 5040) - U(15631, 1, 5039)$	21134	x25	03	Lehmer number
67513	$U(35759, 1, 4620) + U(35759, 1, 4619)$	21033	x25	16	Lehmer number
67572	$U(31321, 1, 4620) - U(31321, 1, 4619)$	20767	x25	16	Lehmer number
67685	$U(11200, -1, 5039)$	20400	x25	04	Generalized Lucas number, cyclotomy
67752	$\text{Phi}(23749, -10)$	20160	c47	14	Unique, ECPP
67787	$U(22098, 1, 4620) + U(22098, 1, 4619)$	20067	x25	16	Lehmer number
67818	$1128330746865 \cdot 2^{66441} - 1$	20013	p158	20	Cunningham chain ($4p + 3$)
67819	$1128330746865 \cdot 2^{66440} - 1$	20013	p158	20	Cunningham chain ($2p + 1$)
67821	$1128330746865 \cdot 2^{66439} - 1$	20013	p158	20	Cunningham chain (p)
67839	$4111286921397 \cdot 2^{66420} + 5$	20008	c88	19	Triplet (3)
67840	$4111286921397 \cdot 2^{66420} + 1$	20008	L4808	19	Triplet (2)
67841	$4111286921397 \cdot 2^{66420} - 1$	20008	L4808	19	Triplet (1)
67848	$U(21412, 1, 4620) - U(21412, 1, 4619)$	20004	x25	16	Lehmer number
67919	$V(94823)$	19817	c73	14	Lucas number, ECPP
67924	$U(19361, 1, 4620) + U(19361, 1, 4619)$	19802	x25	16	Lehmer number
67928	$U(8454, -1, 5039)$	19785	x25	13	Generalized Lucas number
68995	$U(6584, -1, 5039)$	19238	x23	07	Generalized Lucas number
69020	$(2^{63703} - 1)/42808417$	19169	c59	14	Mersenne cofactor, ECPP
69155	$V(89849)$	18778	c70	14	Lucas number, ECPP
69170	$\text{prim}V(145353)$	18689	c69	13	ECPP, Lucas primitive part
69171	$\text{Phi}(14943, -100)$	18688	c47	14	Unique, ECPP
69282	$\text{Phi}(18827, 10)$	18480	c47	14	Unique, ECPP
69410	$42209\# + 1$	18241	p8	99	Primorial
69912	$(V(46662, 1, 3879)-1)/(V(46662, 1, 9)-1)$	18069	x25	12	Lehmer primitive part
69928	$V(86477)/1042112515940998434071039$	18049	c77	20	Lucas cofactor, ECPP
69952	$7457 \cdot 2^{59659} + 1$	17964	Y	97	Cullen
70147	$(2^{58199} - 1)/237604901713907577052391$	17497	c59	15	Mersenne cofactor, ECPP
70206	$\text{Phi}(26031, -10)$	17353	c47	14	Unique, ECPP

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70217	$(V(561, 1, 6309) + 1)/(V(561, 1, 9) + 1)$	17319	x25	16	Lehmer primitive part
70234	$U(5768, -5769, 4591)$	17264	x45	18	Generalized Lucas number, cyclotomy
70254	$U(9657, 1, 4321) - U(9657, 1, 4320)$	17215	x23	05	Lehmer number
70280	[Long prime 70280]	17152	c59	15	Mersenne cofactor, ECPP
70305	$U(81839)$	17103	p54	01	Fibonacci number
70316	$V(81671)$	17069	c66	13	Lucas number, ECPP
70369	$primV(86756)$	16920	c74	15	Lucas primitive part, ECPP
70386	$V(80761)/(23259169 \cdot 24510801979)$	16861	c77	20	Lucas cofactor, ECPP
70469	$6521953289619 \cdot 2^{55555} + 1$	16737	p296	13	Triplet (3)
70470	$6521953289619 \cdot 2^{55555} - 1$	16737	p296	13	Triplet (2)
70471	$6521953289619 \cdot 2^{55555} - 5$	16737	c58	13	Triplet (1), ECPP
70503	$primV(122754)$	16653	c77	21	Lucas primitive part, ECPP
70516	$U(15823, 1, 3960) - U(15823, 1, 3959)$	16625	x25	02	Lehmer number, cyclotomy
70545	$p(221444161)$	16569	c77	17	Partitions, ECPP
70581	$U(78919)/15574900936381642440917$	16471	c77	20	Fibonacci cofactor, ECPP
70622	$U(11091, -1, 4049)$	16375	CH3	05	Generalized Lucas number
70669	$(V(21151, 1, 3777) - 1)/(V(21151, 1, 3) - 1)$	16324	x25	11	Lehmer primitive part
70702	$primV(123573)$	16198	c77	19	Lucas primitive part, ECPP
70706	$U(2554, -1, 4751)$	16185	CH3	05	Generalized Lucas number
70724	$V(77417)/313991497376559420151$	16159	c77	20	Lucas cofactor, ECPP
70731	$U(1599, -1, 5039)$	16141	x23	07	Generalized Lucas number
70779	[Long prime 70779]	16008	c84	17	Mersenne cofactor, ECPP
70928	[Long prime 70928]	15954	c63	18	Euler irregular, ECPP
70945	$primV(121227)$	15890	c77	19	Lucas primitive part, ECPP
71006	$Phi(2949, -100000000)$	15713	c47	13	Unique, ECPP
71010	$primU(131481)$	15695	c77	19	Fibonacci primitive part, ECPP
71023	$primV(120258)$	15649	c77	19	Lucas primitive part, ECPP
71081	[Long prime 71081]	15537	x38	09	Lehmer primitive part
71108	[Long prime 71108]	15455	c77	18	Mersenne cofactor, ECPP
71161	$(V(824, 1, 5277) - 1)/(V(824, 1, 3) - 1)$	15379	x25	13	Lehmer primitive part
71163	$primB(183835)$	15368	c77	19	Lucas Aurifeullian primitive part, ECPP
71178	$primU(77387)$	15319	c77	19	Fibonacci primitive part, ECPP
71278	$primB(181705)$	15189	c77	19	Lucas Aurifeullian primitive part, ECPP
72119	$primV(76568)$	15034	c74	15	Lucas primitive part, ECPP
72124	$U(71983)/5614673/363946049$	15028	c77	18	Fibonacci cofactor, ECPP
72159	$primB(268665)$	14972	c77	19	Lucas Aurifeullian primitive part, ECPP
72173	$(V(42995, 1, 3231) + 1)/(V(42995, 1, 9) + 1)$	14929	x25	12	Lehmer primitive part
72186	$primV(75316)$	14897	c74	15	Lucas primitive part, ECPP
72209	$Phi(5015, -10000)$	14848	c47	13	Unique, ECPP
72211	$primV(91322)$	14847	c74	16	Lucas primitive part, ECPP
72221	$2^{49207} - 2^{24604} + 1$	14813	x16	00	Gaussian Mersenne norm 29, generalized unique
72276	$primV(110676)$	14713	c74	16	Lucas primitive part, ECPP
72291	$(V(8003, 1, 3771) + 1)/(V(8003, 1, 9) + 1)$	14685	x25	13	Lehmer primitive part

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72322	<i>primA</i> (284895)	14626	c77	19	Lucas Aurifeuillian primitive part, ECPP
72375	$U(69239)/1384781$	14464	c77	18	Fibonacci cofactor, ECPP
72388	<i>primV</i> (112914)	14446	c74	16	Lucas primitive part, ECPP
72567	<i>primA</i> (170575)	14258	c77	18	Lucas Aurifeuillian primitive part, ECPP
72577	$V(68213)/7290202116115634431$	14237	c77	18	Lucas cofactor, ECPP
72686	$(V(5111, 1, 3789) + 1)/(V(5111, 1, 9) + 1)$	14019	x25	13	Lehmer primitive part
72690	$(V(5763, 1, 3753) + 1)/(V(5763, 1, 27) + 1)$	14013	x25	11	Lehmer primitive part
72761	<i>primU</i> (67703)	13954	c77	18	Fibonacci primitive part, ECPP
72765	[Long prime 72765]	13951	c77	17	Fibonacci cofactor, ECPP
72843	$V(66533)/2128184670585621839884209100279$	13875	c77	18	Lucas cofactor, ECPP
72844	[Long prime 72844]	13862	c71	14	Irregular, ECPP
72849	[Long prime 72849]	13840	c63	18	Irregular, ECPP
72859	$(V(5132, 1, 3753) + 1)/(V(5132, 1, 27) + 1)$	13825	x25	11	Lehmer primitive part
72880	<i>primV</i> (82630)	13814	c74	14	Lucas primitive part, ECPP
72932	$(V(4527, 1, 3771) + 1)/(V(4527, 1, 9) + 1)$	13754	x25	13	Lehmer primitive part
73031	<i>primB</i> (163595)	13675	c77	18	Lucas Aurifeuillian primitive part, ECPP
73053	[Long prime 73053]	13657	c64	13	Irregular, ECPP
73724	$1815615642825 \cdot 2^{44046} - 1$	13272	p395	16	Cunningham chain ($4p + 3$)
73726	$1815615642825 \cdot 2^{44045} - 1$	13272	p395	16	Cunningham chain ($2p + 1$)
73727	$1815615642825 \cdot 2^{44044} - 1$	13271	p395	16	Cunningham chain (p)
73850	<i>primU</i> (94551)	13174	c77	18	Fibonacci primitive part, ECPP
74056	<i>primB</i> (242295)	13014	c77	18	Lucas Aurifeuillian primitive part, ECPP
74178	$U(61813)/594517433/3761274442997$	12897	c77	18	Fibonacci cofactor, ECPP
74207	$(2^{42737} + 1)/3$	12865	M	07	ECPP, generalized Lucas number, Wagstaff
74277	<i>primU</i> (62771)	12791	c77	18	Fibonacci primitive part, ECPP
74322	$p(131328565)$	12758	c77	17	Partitions, ECPP
74347	<i>primA</i> (154415)	12728	c77	18	Lucas Aurifeuillian primitive part, ECPP
74367	$p(130249452)$	12705	c85	17	Partitions, ECPP
74369	$p(130243561)$	12705	c85	17	Partitions, ECPP
74370	$p(130242827)$	12705	c85	17	Partitions, ECPP
74371	$p(130232271)$	12705	c85	17	Partitions, ECPP
74374	$p(130201087)$	12703	c85	17	Partitions, ECPP
74376	$p(130168020)$	12701	c85	17	Partitions, ECPP
74377	$p(130142600)$	12700	c85	17	Partitions, ECPP
74378	$p(130123073)$	12699	c85	17	Partitions, ECPP
74380	$p(130086648)$	12697	c85	17	Partitions, ECPP
74381	$p(130085878)$	12697	c85	17	Partitions, ECPP
74382	$p(130060601)$	12696	c85	16	Partitions, ECPP
74388	$p(130000231)$	12693	c59	16	Partitions, ECPP
74540	<i>primA</i> (263865)	12570	c77	18	Lucas Aurifeuillian primitive part, ECPP
74585	[Long prime 74585]	12533	c63	13	Irregular, ECPP

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74630	[Long prime 74630]	12495	c77	15	Mersenne cofactor, ECPP
74663	[Long prime 74663]	12459	c54	12	Mersenne cofactor, ECPP
74773	[Long prime 74773]	12395	c59	12	Mersenne cofactor, ECPP
74925	[Long prime 74925]	12337	c79	15	Fibonacci cofactor, ECPP
74939	<i>primV</i> (73549)	12324	c74	15	Lucas primitive part, ECPP
74957	<i>p</i> (122110618)	12302	c77	15	Partitions, ECPP
75026	<i>p</i> (120052058)	12198	c59	12	Partitions, ECPP
75027	<i>p</i> (120037981)	12197	c59	14	Partitions, ECPP
75594	$742478255901 \cdot 2^{40069} + 1$	12074	p395	16	Cunningham chain 2nd kind ($4p - 3$)
75597	$996824343 \cdot 2^{40074} + 1$	12073	p395	16	Cunningham chain 2nd kind ($4p - 3$)
75609	<i>primV</i> (57724)	12063	p54	01	Lucas primitive part, cyclotomy
75748	$664342014133 \cdot 2^{39840} + 1$	12005	p408	20	Consecutive primes arithmetic progression ($3, d = 30$)
75749	$664342014133 \cdot 2^{39840} - 29$	12005	c93	20	Consecutive primes arithmetic progression ($2, d = 30$), ECPP
75750	$664342014133 \cdot 2^{39840} - 59$	12005	c93	20	Consecutive primes arithmetic progression ($1, d = 30$), ECPP
75919	<i>primV</i> (59018)	11789	c74	15	Lucas primitive part, ECPP
76043	<i>V</i> (56003)	11704	p193	06	Lucas number
76044	<i>primA</i> (143705)	11703	c77	17	Lucas Aurifeuillian primitive part, ECPP
76055	<i>p</i> (110030755)	11677	c59	14	Partitions, ECPP
76080	<i>primV</i> (77231)	11637	c74	15	Lucas primitive part, ECPP
76081	<i>primV</i> (83481)	11631	c74	15	Lucas primitive part, ECPP
76099	<i>primU</i> (73025)	11587	c77	15	Fibonacci primitive part, ECPP
76100	<i>primU</i> (67781)	11587	c77	15	Fibonacci primitive part, ECPP
76108	<i>primV</i> (64652)	11577	c74	15	Lucas primitive part, ECPP
76115	<i>primB</i> (219165)	11557	c77	15	Lucas Aurifeuillian primitive part, ECPP
76116	<i>primV</i> (56356)	11557	c74	15	Lucas primitive part, ECPP
76172	$198429723072 \cdot 11^{11005} + 1$	11472	L3323	16	Cunningham chain 2nd kind ($4p - 3$)
76201	$U(54799)/4661437953906084533621577211561$	11422	c8	15	Fibonacci cofactor, ECPP
76256	$U(54521)/6403194135342743624071073$	11370	c8	15	Fibonacci cofactor, ECPP
76282	<i>primU</i> (67825)	11336	x23	07	Fibonacci primitive part
76321	$3610! - 1$	11277	C	93	Factorial
76414	<i>p</i> (100115477)	11138	c59	16	Partitions, ECPP
76449	[Long prime 76449]	11075	c8	14	Fibonacci cofactor, ECPP
76458	<i>primU</i> (61733)	11058	c77	15	Fibonacci primitive part, ECPP
76464	$14059969053 \cdot 2^{36672} + 1$	11050	p364	18	Triplet (3)
76465	$14059969053 \cdot 2^{36672} - 1$	11050	p364	18	Triplet (2)
76466	$14059969053 \cdot 2^{36672} - 5$	11050	c67	18	Triplet (1), ECPP
76472	$778965587811 \cdot 2^{36627} - 1$	11038	p395	16	Cunningham chain ($4p + 3$)
76473	$778965587811 \cdot 2^{36626} - 1$	11038	p395	16	Cunningham chain ($2p + 1$)
76474	$778965587811 \cdot 2^{36625} - 1$	11038	p395	16	Cunningham chain (p)
76476	$272879344275 \cdot 2^{36622} - 1$	11036	p395	16	Cunningham chain ($4p + 3$)

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76477	$272879344275 \cdot 2^{36621} - 1$	11036	p395	16	Cunningham chain ($2p + 1$)
76478	$272879344275 \cdot 2^{36620} - 1$	11036	p395	16	Cunningham chain (p)
76481	$V(52859)/1124137922466041911$	11029	c8	14	Lucas cofactor, ECPP
76545	$3507! - 1$	10912	C	92	Factorial
76568	[Long prime 76568]	10857	c8	15	Lucas cofactor, ECPP
76582	[Long prime 76582]	10838	c8	15	Lucas cofactor, ECPP
76603	[Long prime 76603]	10789	c8	15	Lucas cofactor, ECPP
76616	[Long prime 76616]	10763	c64	13	Irregular, ECPP
76621	$3428602715439 \cdot 2^{35678} + 13$	10753	c93	20	Consecutive primes arithmetic progression ($3, d = 6$), ECPP
76622	$3428602715439 \cdot 2^{35678} + 7$	10753	c93	20	Consecutive primes arithmetic progression ($2, d = 6$), ECPP
76623	$3428602715439 \cdot 2^{35678} + 1$	10753	p408	20	Consecutive primes arithmetic progression ($1, d = 6$)
76649	$333645655005 \cdot 2^{35549} - 1$	10713	p364	15	Cunningham chain ($4p + 3$)
76650	$333645655005 \cdot 2^{35548} - 1$	10713	p364	15	Cunningham chain ($2p + 1$)
76652	$333645655005 \cdot 2^{35547} - 1$	10713	p364	15	Cunningham chain (p)
76656	$V(51349)/224417260052884218046541$	10708	c8	14	Lucas cofactor, ECPP
76662	$V(51169)$	10694	p54	01	Lucas number
76681	$U(51031)/95846689435051369$	10648	c8	14	Fibonacci cofactor, ECPP
76690	$V(50989)/69818796119453411$	10640	c8	14	Lucas cofactor, ECPP
76705	$\text{Phi}(13285, -10)$	10625	c47	12	Unique, ECPP
76706	$U(50833)$	10624	CH4	05	Fibonacci number
76721	$2683143625525 \cdot 2^{35176} + 13$	10602	c92	19	Consecutive primes arithmetic progression ($3, d = 6$), ECPP
76722	$2683143625525 \cdot 2^{35176} + 7$	10602	c92	19	Consecutive primes arithmetic progression ($2, d = 6$), ECPP
76723	$2683143625525 \cdot 2^{35176} + 1$	10602	p407	19	Consecutive primes arithmetic progression ($1, d = 6$)
76742	[Long prime 76742]	10562	c77	15	Mersenne cofactor, ECPP
76754	$1213266377 \cdot 2^{35000} + 4859$	10546	c4	14	ECPP, consecutive primes arithmetic progression ($3, d = 2430$)
76755	$1213266377 \cdot 2^{35000} + 2429$	10546	c4	14	ECPP, consecutive primes arithmetic progression ($2, d = 2430$)
76756	$1213266377 \cdot 2^{35000} - 1$	10546	p44	14	Consecutive primes arithmetic progression ($1, d = 2430$)
76757	$1043085905 \cdot 2^{35000} + 18197$	10546	c4	14	ECPP, consecutive primes arithmetic progression ($3, d = 18198$)
76758	$1043085905 \cdot 2^{35000} - 1$	10546	p44	14	Consecutive primes arithmetic progression ($2, d = 18198$)
76759	$1043085905 \cdot 2^{35000} - 18199$	10546	c4	14	ECPP, consecutive primes arithmetic progression ($1, d = 18198$)
76832	$\text{prim}U(55297)$	10483	c8	14	Fibonacci primitive part, ECPP
76849	$\text{prim}A(219135)$	10462	c8	14	Lucas Aurifeullian primitive part, ECPP
76873	$3221449497221499 \cdot 2^{34567} + 5$	10422	c58	15	Triplet (3), ECPP
76874	$3221449497221499 \cdot 2^{34567} + 1$	10422	p296	15	Triplet (2)
76875	$3221449497221499 \cdot 2^{34567} - 1$	10422	p296	15	Triplet (1)

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76877	$1288726869465789 \cdot 2^{34567} + 1$	10421	p296	14	Triplet (3)
76878	$1288726869465789 \cdot 2^{34567} - 1$	10421	p296	14	Triplet (2)
76879	$1288726869465789 \cdot 2^{34567} - 5$	10421	c58	14	ECPP, Triplet (1)
76897	$24029\# + 1$	10387	C	93	Primorial
76904	$400791048 \cdot 24001\# + 1$	10378	p155	18	Arithmetic progression ($5, d = 59874860 \cdot 24001\#$)
76905	$393142614 \cdot 24001\# + 1$	10378	p155	18	Arithmetic progression ($5, d = 54840724 \cdot 24001\#$)
76911	$221488788 \cdot 24001\# + 1$	10377	p155	18	Arithmetic progression ($5, d = 22703701 \cdot 24001\#$)
76914	$195262026 \cdot 24001\# + 1$	10377	p155	18	Arithmetic progression ($5, d = 10601738 \cdot 24001\#$)
76916	$184591880 \cdot 24001\# + 1$	10377	p155	18	Arithmetic progression ($5, d = 17881715 \cdot 24001\#$)
76948	$6 \cdot \text{Bern}(4306)/2153$	10342	FE8	09	Irregular, ECPP
76967	$V(49391)/298414424560419239$	10305	c8	13	Lucas cofactor, ECPP
76985	$23801\# + 1$	10273	C	93	Primorial
77079	$667674063382677 \cdot 2^{33608} + 7$	10132	c88	19	Quadruplet (4), ECPP
77080	$667674063382677 \cdot 2^{33608} + 5$	10132	c88	19	Quadruplet (3), ECPP
77081	$667674063382677 \cdot 2^{33608} + 1$	10132	L4808	19	Quadruplet (2)
77082	$667674063382677 \cdot 2^{33608} - 1$	10132	L4808	19	Quadruplet (1)
77191	$\text{Phi}(427, -10^{28})$	10081	FE9	09	Unique, ECPP
77212	$9649755890145 \cdot 2^{33335} + 1$	10048	p364	15	Cunningham chain 2nd kind ($4p - 3$)
77438	$15162914750865 \cdot 2^{33219} + 1$	10014	p364	15	Cunningham chain 2nd kind ($4p - 3$)
77664	$32469 \cdot 2^{32469} + 1$	9779	MM	97	Cullen
77666	$(2^{32531} - 1)/(65063 \cdot 25225122959)$	9778	c60	12	Mersenne cofactor, ECPP
77689	[Long prime 77689]	9736	c90	18	Mersenne cofactor, ECPP
77693	$8073 \cdot 2^{32294} + 1$	9726	MM	97	Cullen
77771	$V(45953)/4561241750239$	9591	c56	12	Lucas cofactor, ECPP
77818	[Long prime 77818]	9516	c8	14	Euler irregular, ECPP
77828	$\text{Phi}(5161, -100)$	9505	c47	12	Unique, ECPP
77931	$\text{primA}(196035)$	9359	c8	14	Lucas Aurifeuillian primitive part, ECPP
77985	$V(44507)$	9302	CH3	05	Lucas number
78088	$V(43987)/175949$	9188	c8	14	Lucas cofactor, ECPP
78357	[Long prime 78357]	9010	c8	13	Fibonacci cofactor, ECPP
78428	$\text{primU}(44113)$	8916	c8	14	Fibonacci primitive part, ECPP
78429	[Long prime 78429]	8916	c8	14	Fibonacci cofactor, ECPP
78485	[Long prime 78485]	8835	c59	12	Mersenne cofactor, ECPP
78511	$\text{primA}(159165)$	8803	c8	13	Lucas Aurifeuillian primitive part, ECPP
78530	$U(42043)/1681721$	8780	c56	12	Fibonacci cofactor, ECPP
78613	$(2^{28771} - 1)/104726441$	8653	c56	12	Mersenne cofactor, ECPP
78616	$(2^{28759} - 1)/226160777$	8649	c60	12	Mersenne cofactor, ECPP
78704	$\text{Phi}(6105, -1000)$	8641	c47	10	Unique, ECPP
78888	$\text{Phi}(4667, -100)$	8593	c47	09	Unique, ECPP

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78965	$U(40763)/643247084652261620737$	8498	c8	13	Fibonacci cofactor, ECPP
79085	$primU(46711)$	8367	c8	13	Fibonacci primitive part, ECPP
79162	$V(39769)/18139109172816581$	8295	c8	13	Lucas cofactor, ECPP
79169	$2^{27529} - 2^{13765} + 1$	8288	O	00	Gaussian Mersenne norm 28, generalized unique
79173	$primB(148605)$	8282	c8	13	Lucas Aurifeuillian primitive part, ECPP
79181	$V(39607)/158429$	8273	c46	11	Lucas cofactor, ECPP
79237	$primB(103645)$	8202	c8	13	Lucas Aurifeuillian primitive part, ECPP
79259	$primU(62373)$	8173	c8	13	Fibonacci primitive part, ECPP
79267	$primB(119945)$	8165	c8	13	Lucas Aurifeuillian primitive part, ECPP
79309	$primB(99835)$	8126	c8	13	Lucas Aurifeuillian primitive part, ECPP
79343	$primB(96545)$	8070	c8	13	Lucas Aurifeuillian primitive part, ECPP
79352	[Long prime 79352]	8063	c55	11	Mersenne cofactor, ECPP
79421	$18523\# + 1$	8002	D	89	Primorial
79450	$primU(43121)$	7975	c8	13	Fibonacci primitive part, ECPP
79467	[Long prime 79467]	7945	c8	13	Irregular, ECPP
79494	[Long prime 79494]	7906	c39	12	Fibonacci cofactor, ECPP
79538	$U(37511)$	7839	x13	05	Fibonacci number
79569	$primB(145545)$	7824	c8	13	Lucas Aurifeuillian primitive part, ECPP
79591	$V(37357)/20210113386303842894568629$	7782	c8	13	Lucas cofactor, ECPP
79603	$U(37217)/4466041$	7771	c46	11	Fibonacci cofactor, ECPP
79615	$-E(2762)/2670541$	7760	c11	04	Euler irregular, ECPP
79641	[Long prime 79641]	7740	c86	17	Mersenne cofactor
79710	$V(36779)$	7687	CH3	05	Lucas number
80086	[Long prime 80086]	7551	c84	16	Mersenne cofactor, ECPP
80215	$U(35999)$	7523	p54	01	Fibonacci number, cyclotomy
80234	$Phi(4029, -1000)$	7488	c47	09	Unique, ECPP
80325	$V(35449)$	7409	p12	01	Lucas number
80459	$V(35107)/525110138418084707309$	7317	c8	13	Lucas cofactor, ECPP
80561	$U(34897)/4599458691503517435329$	7272	c8	13	Fibonacci cofactor, ECPP
80584	$V(34759)/27112021$	7257	c33	05	Lucas cofactor, ECPP
80678	[Long prime 80678]	7239	c8	13	Fibonacci cofactor, ECPP
80741	$U(34607)/13088506284255296513$	7213	c8	13	Fibonacci cofactor, ECPP
80778	$Phi(9455, -10)$	7200	c33	05	Unique, ECPP
80824	$Phi(1479, -100000000)$	7168	c47	09	Unique, ECPP
80884	[Long prime 80884]	7138	c63	16	Irregular, ECPP
81313	[Long prime 81313]	7053	c8	13	Fibonacci cofactor, ECPP
81333	$2154675239 \cdot 16301\# + 1$	7036	p155	18	Arithmetic progression ($6, d = 141836149 \cdot 16301\#$)
82114	$primU(48965)$	7012	c8	13	Fibonacci primitive part, ECPP
82213	[Long prime 82213]	6943	c63	16	Irregular ECPP
82217	$V(33353)/279902102741094707003083072429$	6941	c8	13	Lucas cofactor, ECPP

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82237	$23005 \cdot 2^{23005} - 1$	6930	Y	97	Woodall
82250	$22971 \cdot 2^{22971} - 1$	6920	Y	97	Woodall
82270	$\text{Phi}(2405, -10000)$	6912	c47	09	Unique, ECPP
82340	$15877\# - 1$	6845	CD	92	Primorial
82345	$\text{Phi}(10887, 10)$	6841	c33	05	Unique, ECPP
82360	$\text{prim}U(58773)$	6822	c8	13	Fibonacci primitive part, ECPP
82428	$\text{prim}U(40295)$	6737	p12	01	Fibonacci primitive part
82529	[Long prime 82529]	6637	c8	13	Irregular, ECPP
82558	[Long prime 82558]	6622	c90	18	Mersenne cofactor
82824	$U(30757)$	6428	p54	01	Fibonacci number, cyclotomy
83033	$\text{Phi}(7357, -10)$	6301	c33	04	Unique, ECPP
83096	$\text{Phi}(6437, 10)$	6240	c47	08	Unique, ECPP
83285	$\text{prim}U(43653)$	6082	CH7	10	Fibonacci primitive part
83604	$\text{prim}U(70455)$	6019	c8	13	Fibonacci primitive part, ECPP
83610	$E(2220)/392431891068600713525$	6011	c8	13	Euler irregular, ECPP
83702	$\text{prim}U(43359)$	5939	c8	13	Fibonacci primitive part, ECPP
83704	[Long prime 83704]	5938	c8	13	Euler irregular, ECPP
83835	$13649\# + 1$	5862	D	87	Primorial
84016	[Long prime 84016]	5701	c8	13	Irregular, ECPP
84029	$18885 \cdot 2^{18885} - 1$	5690	K	87	Woodall
84171	$1963! - 1$	5614	CD	92	Factorial
84176	$13033\# - 1$	5610	CD	92	Primorial
84211	$289 \cdot 2^{18502} + 1$	5573	K	84	Cullen, generalized Fermat
84428	$E(2028)/11246153954845684745$	5412	c55	11	Euler irregular, ECPP
84753	[Long prime 84753]	5354	c63	13	Irregular ECPP
84824	$U(25561)$	5342	p54	01	Fibonacci number
84960	[Long prime 84960]	5258	c8	13	Euler irregular, ECPP
85494	$33957462 \cdot \text{Bern}(2370)/40685$	5083	c11	03	Irregular, ECPP
86186	$4122429552750669 \cdot 2^{16567} + 7$	5003	c83	16	Quadruplet (4), ECPP
86187	$4122429552750669 \cdot 2^{16567} + 5$	5003	c83	16	Quadruplet (3), ECPP
86188	$4122429552750669 \cdot 2^{16567} + 1$	5003	L4342	16	Quadruplet (2)
86189	$4122429552750669 \cdot 2^{16567} - 1$	5003	L4342	16	Quadruplet (1)
86257	$11549\# + 1$	4951	D	86	Primorial
86771	[Long prime 86771]	4812	c4	11	Euler irregular, ECPP
86805	$7911 \cdot 2^{15823} - 1$	4768	K	87	Woodall
87202	$\text{Phi}(6685, -10)$	4560	c8	03	Unique, ECPP
87390	[Long prime 87390]	4498	c4	04	Euler irregular, ECPP
87451	$2^{14699} + 2^{7350} + 1$	4425	O	00	Gaussian Mersenne norm 27, generalized unique
87517	$(2^{14479} + 1)/3$	4359	c4	04	Generalized Lucas number, Wagstaff, ECPP
87773	$49325406476 \cdot 9811\# \cdot 8 + 1$	4234	p382	19	Cunningham chain 2nd kind ($8p - 7$)
87802	[Long prime 87802]	4200	c8	03	Irregular, ECPP
87967	$V(19469)$	4069	x25	02	Lucas number, cyclotomy, APR-CL assisted
88010	$1477! + 1$	4042	D	84	Factorial
88334	$-2730 \cdot \text{Bern}(1884)/100983617849$	3844	c8	03	Irregular, ECPP

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88352	$2840178 \cdot \text{Bern}(1870)/85$	3821	c8	03	Irregular, ECPP
88440	[Long prime 88440]	3734	c8	03	Irregular, ECPP
88442	$12379 \cdot 2^{12379} - 1$	3731	K	84	Woodall
88443	$(2^{12391} + 1)/3$	3730	M	96	Generalized Lucas number, Wagstaff
88558	[Long prime 88558]	3682	c8	13	Euler irregular, ECPP
88566	[Long prime 88566]	3671	c4	03	Euler irregular, ECPP
88592	$101406820312263 \cdot 2^{12042} + 7$	3640	c67	18	Quadruplet (4)
88593	$101406820312263 \cdot 2^{12042} + 5$	3640	c67	18	Quadruplet (3)
88594	$101406820312263 \cdot 2^{12042} + 1$	3640	p364	18	Quadruplet (2)
88595	$101406820312263 \cdot 2^{12042} - 1$	3640	p364	18	Quadruplet (1)
88651	$2673092556681 \cdot 15^{3048} + 4$	3598	c67	15	Quadruplet (4)
88652	$2673092556681 \cdot 15^{3048} + 2$	3598	c67	15	Quadruplet (3)
88653	$2673092556681 \cdot 15^{3048} - 2$	3598	c67	15	Quadruplet (2)
88654	$2673092556681 \cdot 15^{3048} - 4$	3598	c67	15	Quadruplet (1)
88821	$2339662057597 \cdot 10^{3490} + 9$	3503	c67	13	Quadruplet (4)
88822	$2339662057597 \cdot 10^{3490} + 7$	3503	c67	13	Quadruplet (3)
88823	$2339662057597 \cdot 10^{3490} + 3$	3503	c67	13	Quadruplet (2)
88824	$2339662057597 \cdot 10^{3490} + 1$	3503	p364	13	Quadruplet (1)
89664	$(2^{11279} + 1)/3$	3395	PM	98	Cyclotomy, generalized Lucas number, Wagstaff
89791	$109766820328 \cdot 7877\# - 1$	3385	p395	16	Cunningham chain ($8p + 7$)
89913	$104052837 \cdot 7759\# - 1$	3343	p398	17	Arithmetic progression ($6, d = 12009836 \cdot 7759\#$)
89940	$2072453060816 \cdot 7699\# + 1$	3316	p364	19	Cunningham chain 2nd kind ($8p - 7$)
90012	$(2^{10691} + 1)/3$	3218	c4	04	Generalized Lucas number, Wagstaff, ECPP
90013	$231692481512 \cdot 7517\# - 1$	3218	p395	16	Cunningham chain ($8p + 7$)
90073	$(2^{10501} + 1)/3$	3161	M	96	Generalized Lucas number, Wagstaff
90190	$2^{10141} + 2^{5071} + 1$	3053	O	00	Gaussian Mersenne norm 26, generalized unique
90255	$121152729080 \cdot 7019\#/1729 + 19$	3025	c92	19	Consecutive primes arithmetic progression ($4, d = 6$), ECPP
90269	$62037039993 \cdot 7001\# + 7811555813$	3021	x38	13	Consecutive primes arithmetic progression ($4, d = 30$), ECPP
90273	$50946848056 \cdot 7001\# + 7811555813$	3021	x38	13	Consecutive primes arithmetic progression ($4, d = 30$), ECPP
90280	$26997933312 \cdot 7001\# + 7811555753$	3020	x38	13	Consecutive primes arithmetic progression ($4, d = 30$), ECPP
90284	$25506692100 \cdot 7001\# + 7811555783$	3020	x38	13	Consecutive primes arithmetic progression ($4, d = 30$), ECPP
90288	$V(14449)$	3020	DK	95	Lucas number
90292	$3124777373 \cdot 7001\# + 1$	3019	p155	12	Arithmetic progression ($7, d = 481789017 \cdot 7001\#$)
90293	$2996180304 \cdot 7001\# + 1$	3019	p155	12	Arithmetic progression ($6, d = 46793757 \cdot 7001\#$)

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90295	$2946259686 \cdot 7001\# + 1$	3019	p155	12	Arithmetic progression ($6, d = 313558156 \cdot 7001\#$)
90296	$2915000572 \cdot 7001\# + 1$	3019	p155	12	Arithmetic progression ($6, d = 3093612 \cdot 7001\#$)
90809	$U(14431)$	3016	p54	01	Fibonacci number
90949	$138281163736 \cdot 6977\# + 1$	3006	p395	16	Cunningham chain 2nd kind ($8p - 7$)
91051	$375967981369 \cdot 6907\# \cdot 8 - 1$	2972	p382	17	Cunningham chain ($8p + 7$)
91052	$354362289656 \cdot 6907\# \cdot 8 - 1$	2972	p382	17	Cunningham chain ($8p + 7$)
91053	$285993323512 \cdot 6907\# \cdot 8 - 1$	2972	p382	17	Cunningham chain ($8p + 7$)
91188	$V(13963)$	2919	c11	02	Lucas number, ECPP
91246	$284787490256 \cdot 6701\# + 1$	2879	p364	15	Cunningham chain 2nd kind ($8p - 7$)
91258	$9531 \cdot 2^{9531} - 1$	2874	K	84	Woodall
91303	[Long prime 91303]	2829	c8	13	Euler irregular, ECPP
91319	$6569\# - 1$	2811	D	92	Primorial
91455	[Long prime 91455]	2697	c77	15	Euler irregular, ECPP
91968	$-E(1078)/361898544439043$	2578	c4	02	Euler irregular, ECPP
92208	$V(12251)$	2561	p54	01	Lucas number
92960	$974! - 1$	2490	CD	92	Factorial
93441	$E(1028)/(6415 \cdot 56837916301577)$	2433	c4	02	Euler irregular, ECPP
93669	$E(1004)/(579851915 \cdot 80533376783)$	2364	c4	02	Euler irregular, ECPP
93906	$7755 \cdot 2^{7755} - 1$	2339	K	84	Woodall
94456	$772463767240 \cdot 5303\# + 1$	2272	p308	19	Cunningham chain 2nd kind ($8p - 7$)
94473	$116814018316 \cdot 5303\# + 1$	2271	p406	19	Arithmetic progression ($7, d = 10892863626 \cdot 5303\#$)
94474	$116746086504 \cdot 5303\# + 1$	2271	p406	19	Arithmetic progression ($7, d = 9726011684 \cdot 5303\#$)
94475	$116242725347 \cdot 5303\# + 1$	2271	p406	19	Arithmetic progression ($7, d = 10388428124 \cdot 5303\#$)
94476	$115624080541 \cdot 5303\# + 1$	2271	p406	19	Arithmetic progression ($7, d = 10462990078 \cdot 5303\#$)
96353	$69285767989 \cdot 5303\# + 1$	2271	p406	19	Arithmetic progression ($8, d = 3026809034 \cdot 5303\#$)
97817	$V(10691)$	2235	DK	95	Lucas number
98383	$872! + 1$	2188	D	83	Factorial
98399	[Long prime 98399]	2183	c63	20	Euler irregular, ECPP
99552	[Long prime 99552]	2069	c4	02	Euler irregular, ECPP
99707	$-E(886)/68689$	2051	c4	02	Euler irregular, ECPP
99817	$4787\# + 1$	2038	D	84	Primorial
99855	$566761969187 \cdot 4733\#/2 + 4$	2034	c67	20	Quintuplet (5)
99856	$566761969187 \cdot 4733\#/2 + 2$	2034	c67	20	Quintuplet (4)
99857	$566761969187 \cdot 4733\#/2 - 2$	2034	c67	20	Quintuplet (3)
99858	$566761969187 \cdot 4733\#/2 - 4$	2034	c67	20	Quintuplet (2)
99859	$566761969187 \cdot 4733\#/2 - 8$	2034	c67	20	Quintuplet (1)
100090	$U(9677)$	2023	c2	00	Fibonacci number, ECPP
101903	$126831252923413 \cdot 4657\#/273 + 13$	2002	c88	20	Quintuplet (5)

rank	description	digits	who	year	comment
101904	$126831252923413 \cdot 4657\#/273 + 9$	2002	c88	20	Quintuplet (4)
101905	$126831252923413 \cdot 4657\#/273 + 7$	2002	c88	20	Quintuplet (3)
101906	$126831252923413 \cdot 4657\#/273 + 3$	2002	c88	20	Quintuplet (2)
101907	$126831252923413 \cdot 4657\#/273 + 1$	2002	c88	20	Quintuplet (1)
101931	$6611 \cdot 2^{6611} + 1$	1994	K	84	Cullen
102002	$4583\# - 1$	1953	D	92	Primorial
102024	$U(9311)$	1946	DK	95	Fibonacci number
102044	$4547\# + 1$	1939	D	84	Primorial
102293	$4297\# - 1$	1844	D	92	Primorial
102597	$V(8467)$	1770	c2	00	Lucas number, ECPP
102684	$4093\# - 1$	1750	CD	92	Primorial
102696	$5795 \cdot 2^{5795} + 1$	1749	K	84	Cullen
102702	$(2^{5807} + 1)/3$	1748	PM	98	Cyclotomy, generalized Lucas number, Wagstaff
102926	$54201838768 \cdot 3917\# - 1$	1681	p395	16	Cunningham chain $(16p + 15)$
103112	$102619722624 \cdot 3797\# + 1$	1631	p395	16	Cunningham chain $2nd$ kind $(16p - 15)$
103164	$V(7741)$	1618	DK	95	Lucas number
103208	$394254311495 \cdot 3733\#/2 + 4$	1606	c67	17	Quintuplet (5)
103209	$394254311495 \cdot 3733\#/2 + 2$	1606	c67	17	Quintuplet (4)
103210	$394254311495 \cdot 3733\#/2 - 2$	1606	c67	17	Quintuplet (3)
103211	$394254311495 \cdot 3733\#/2 - 4$	1606	c67	17	Quintuplet (2)
103212	$394254311495 \cdot 3733\#/2 - 8$	1606	c67	17	Quintuplet (1)
103245	$83 \cdot 2^{5318} - 1$	1603	K	84	Woodall
103513	$2316765173284 \cdot 3593\# + 16073$	1543	c18	16	Quintuplet (5), ECPP
103514	$2316765173284 \cdot 3593\# + 16069$	1543	c18	16	Quintuplet (4), ECPP
103515	$2316765173284 \cdot 3593\# + 16067$	1543	c18	16	Quintuplet (3), ECPP
103516	$2316765173284 \cdot 3593\# + 16063$	1543	c18	16	Quintuplet (2), ECPP
103517	$2316765173284 \cdot 3593\# + 16061$	1543	c18	16	Quintuplet (1), ECPP
103905	$16 \cdot 199949435137 \cdot 3499\# - 1$	1494	p382	16	Cunningham chain $(16p + 15)$
104469	$163252711105 \cdot 3371\#/2 + 4$	1443	c67	14	Quintuplet (5)
104470	$163252711105 \cdot 3371\#/2 + 2$	1443	c67	14	Quintuplet (4)
104471	$163252711105 \cdot 3371\#/2 - 2$	1443	c67	14	Quintuplet (3)
104472	$163252711105 \cdot 3371\#/2 - 4$	1443	c67	14	Quintuplet (2)
104473	$163252711105 \cdot 3371\#/2 - 8$	1443	c67	14	Quintuplet (1)
104753	$4713 \cdot 2^{4713} + 1$	1423	K	84	Cullen
105527	$3229\# + 1$	1368	D	84	Primorial
107844	$5780736564512 \cdot 3023\# - 1$	1301	p364	15	Cunningham chain $(16p + 15)$
108283	$898966996992 \cdot 3001\# + 1$	1289	p364	15	Cunningham chain $2nd$ kind $(16p - 15)$
108918	$16 \cdot 2658132486528 \cdot 2969\# + 1$	1281	p382	17	Cunningham chain $2nd$ kind $(16p - 15)$
108941	$16 \cdot 1413951139648 \cdot 2969\# + 1$	1280	p382	17	Cunningham chain $2nd$ kind $(16p - 15)$
109980	$546! - 1$	1260	D	92	Factorial
111265	$V(5851)$	1223	DK	95	Lucas number
111829	$406463527990 \cdot 2801\# + 1633050403$	1209	x38	13	Consecutive primes arithmetic progression $(5, d = 30)$

rank	description	digits	who	year	comment
113084	$68002763264 \cdot 2749\# - 1$	1185	p35	12	Cunningham chain ($16p + 15$)
115772	$1290733709840 \cdot 2677\# + 1$	1141	p295	11	Cunningham chain <i>2nd</i> kind ($16p - 15$)
116289	$U(5387)$	1126	WM	90	Fibonacci number
117851	$1176100079 \cdot 2591\# + 1$	1101	p252	19	Arithmetic progression ($8, d = 60355670 \cdot 2591\#$)
119160	$993530619517 \cdot 2503\# + 1633050373$	1073	x38	13	Consecutive primes arithmetic progression ($5, d = 30$)
119174	$495690450643 \cdot 2503\# + 1633050403$	1072	x38	13	Consecutive primes arithmetic progression ($5, d = 30$)
119200	$150822742857 \cdot 2503\# + 1633050373$	1072	x38	13	Consecutive primes arithmetic progression ($5, d = 30$)
119212	$94807777362 \cdot 2503\# + 1633050373$	1072	x38	13	Consecutive primes arithmetic progression ($5, d = 30$)
119299	$587027392600 \cdot 2477\# \cdot 16 - 1$	1070	p382	16	Cunningham chain ($16p + 15$)
119610	$(2^{3539} + 1)/3$	1065	M	89	First titanic by ECPP, generalized Lucas number, Wagstaff
120085	$2968802755 \cdot 2459\# + 1$	1057	p155	09	Arithmetic progression ($8, d = 359463429 \cdot 2459\#$)
120279	$469! - 1$	1051	BC	81	Factorial
120840	$28993093368077 \cdot 2399\# + 19433$	1037	c18	16	Sextuplet (6), ECPP
120841	$28993093368077 \cdot 2399\# + 19429$	1037	c18	16	Sextuplet (5), ECPP
120842	$28993093368077 \cdot 2399\# + 19427$	1037	c18	16	Sextuplet (4), ECPP
120843	$28993093368077 \cdot 2399\# + 19423$	1037	c18	16	Sextuplet (3), ECPP
120844	$28993093368077 \cdot 2399\# + 19421$	1037	c18	16	Sextuplet (2), ECPP
120916	$6179783529 \cdot 2411\# + 1$	1037	p102	03	Arithmetic progression ($8, d = 176836494 \cdot 2411\#$)
121249	$R(1031)$	1031	WD	85	Repunit
121617	$89595955370432 \cdot 2371\# - 1$	1017	p364	15	Cunningham chain ($32p + 31$)
121727	$116040452086 \cdot 2371\# + 1$	1014	p308	12	Arithmetic progression ($9, d = 6317280828 \cdot 2371\#$)
121728	$115248484057 \cdot 2371\# + 1$	1014	p308	13	Arithmetic progression ($8, d = 7327002535 \cdot 2371\#$)
121877	$97336164242 \cdot 2371\# + 1$	1014	p308	13	Arithmetic progression ($9, d = 6350457699 \cdot 2371\#$)
122001	$93537753980 \cdot 2371\# + 1$	1014	p308	13	Arithmetic progression ($9, d = 3388165411 \cdot 2371\#$)
122033	$92836168856 \cdot 2371\# + 1$	1014	p308	13	Arithmetic progression ($9, d = 127155673 \cdot 2371\#$)
123646	$69318339141 \cdot 2371\# + 1$	1014	p308	11	Arithmetic progression ($9, d = 1298717501 \cdot 2371\#$)
126915	$V(4793)$	1002	DK	95	Lucas number
126935	$113225039190926127209 \cdot 2339\#/57057 + 21$	1002	c88	21	Septuplet (7)
126936	$113225039190926127209 \cdot 2339\#/57057 + 19$	1002	c88	21	Septuplet (6)
126937	$113225039190926127209 \cdot 2339\#/57057 + 13$	1002	c88	21	Septuplet (5)
126938	$113225039190926127209 \cdot 2339\#/57057 + 9$	1002	c88	21	Septuplet (4)

rank	description	digits	who	year	comment
126939	113225039190926127209·2339#/57057+7	1002	c88	21	Septuplet (3)
126965	$V(4787)$	1001	DK	95	Lucas number

2 The Long Primes

These are the primes that were too long to fit above.

Prime with rank 527 (1036620 digits by p384) See on-line version for the rest of the digits

“27288429267119080686...(1036580 other digits)...83679577406643267931”

Prime with rank 1012 (1000000 digits by L5207)

$$10841645805132531666786792405311319418846637043199917731311876^{16384} + 1$$

Prime with rank 1013 (1000000 digits by L5122)

$$10841645805132531666786792405311319418846637043199917731150000^{16384} + 1$$

Prime with rank 1014 (1000000 digits by p419)

$$1175412837639478208035149360635999371658705159870633484377 \backslash \\ 23855381224452611844232886228245901292532817349347812678729240092^{8192} + 1$$

Prime with rank 1015 (1000000 digits by p418)

$$1175412837639478208035149360635999371658705159870633484377 \backslash \\ 23855381224452611844232886228245901292532817349347812678729154678^{8192} + 1$$

Prime with rank 1016 (1000000 digits by p417)

$$1175412837639478208035149360635999371658705159870633484377 \backslash \\ 23855381224452611844232886228245901292532817349347812678729122666^{8192} + 1$$

Prime with rank 1017 (1000000 digits by p416)

$$1175412837639478208035149360635999371658705159870633484377 \backslash \\ 23855381224452611844232886228245901292532817349347812678729023786^{8192} + 1$$

Prime with rank 16022 (320237 digits by p44)

$$\text{Phi}(3, 10^{160118}) + (137 \cdot 10^{160119} + 731 \cdot 10^{159275}) \cdot (10^{843} - 1)/999$$

Prime with rank 16027 (320097 digits by p44)

$$\text{Phi}(3, 10^{160048}) + (137 \cdot 10^{160049} + 731 \cdot 10^{157453}) \cdot (10^{2595} - 1)/999$$

Prime with rank 19093 (275495 digits by p44)

$$\text{Phi}(3, 10^{137747}) + (137 \cdot 10^{137748} + 731 \cdot 10^{129293}) \cdot (10^{8454} - 1)/999$$

Prime with rank 25087 (208559 digits by p44)

$$\text{Phi}(3, 10^{104279}) + (137 \cdot 10^{104280} + 731 \cdot 10^{93395}) \cdot (10^{10884} - 1)/999$$

Prime with rank 25088 (208553 digits by p44)

$$\text{Phi}(3, 10^{104276}) + (137 \cdot 10^{104277} + 731 \cdot 10^{99683}) \cdot (10^{4593} - 1)/999$$

Prime with rank 25095 (208515 digits by p44)

$$\text{Phi}(3, 10^{104257}) + (137 \cdot 10^{104258} + 731 \cdot 10^{99193}) \cdot (10^{5064} - 1)/999$$

Prime with rank 25340 (206579 digits by p44)

$$\text{Phi}(3, 10^{103289}) + (137 \cdot 10^{103290} + 731 \cdot 10^{90449}) \cdot (10^{12840} - 1)/999$$

Prime with rank 60785 (34093 digits by c84) See on-line version for the rest of the digits

“10000000000000000000... (34053 other digits)...00000000000000532669”

Prime with rank 64751 (28506 digits by c94)

$$-30 \cdot \text{Bern}(10264)/(1040513 \cdot 252354668864651)$$

Prime with rank 64906 (27630 digits by c96)

$$(10^{27669} + 7)/8313493832818655929448065598763458531111$$

Prime with rank 65273 (26709 digits by c77)

$$546351925018076058 \cdot \text{Bern}(9702)/129255048976106804786904258880518941$$

Prime with rank 65806 (25331 digits by c54)

$$\text{Phi}(12345, 7176)/31531760245313526865033921$$

Prime with rank 65818 (25291 digits by c95)

$$(2^{84211} - 1)/1347377/31358793176711980763958121/3314641676042347824169591561$$

Prime with rank 65945 (24938 digits by c84)

$$(2^{82939} - 1)/883323903012540278033571819073$$

Prime with rank 66848 (23743 digits by c94)

$$798 \cdot \text{Bern}(8766)/(2267959 \cdot 6468702182951641)$$

Prime with rank 70280 (17152 digits by c59)

$$(2^{57131} - 1)/61481396117165983261035042726614288722959856631$$

Prime with rank 70779 (16008 digits by c84)

$$(2^{53381} - 1)/15588960193/38922536168186976769/155991271597169062945033668006103$$

Prime with rank 70928 (15954 digits by c63)

$$-E(5186)/(704695260558899 \cdot 578291717 \cdot 726274378546751504461)$$

Prime with rank 71081 (15537 digits by x38)

$$(U(9275, 1, 3961) + U(9275, 1, 3960))/(U(9275, 1, 45) + U(9275, 1, 44))$$

Prime with rank 71108 (15455 digits by c77)

$$(2^{51487} - 1)/57410994232247/17292148963401772464767849635553$$

Prime with rank 72765 (13951 digits by c77)

$$U(66947)/12485272838388758877279873712131648167413$$

Prime with rank 72844 (13862 digits by c71)

$$6 \cdot \text{Bern}(5534)/(89651360098907 \cdot 22027790155387 \cdot 114866371)$$

Prime with rank 72849 (13840 digits by c63)

$$4410546 \cdot \text{Bern}(5526)/(4931516285027 \cdot 1969415121333695957254369297)$$

Prime with rank 73053 (13657 digits by c64)

$$6 \cdot \text{Bern}(5462)/(724389557 \cdot 8572589 \cdot 3742097186099)$$

Prime with rank 74585 (12533 digits by c63)

$$6 \cdot \text{Bern}(5078)/(64424527603 \cdot 9985070580644364287)$$

Prime with rank 74630 (12495 digits by c77)

$$(2^{41681} - 1)/1052945423/16647332713153/2853686272534246492102086015457$$

Prime with rank 74663 (12459 digits by c54)

$$(2^{41521} - 1)/41602235382028197528613357724450752065089$$

Prime with rank 74773 (12395 digits by c59)

$$(2^{41263} - 1)/(1402943 \cdot 983437775590306674647)$$

Prime with rank 74925 (12337 digits by c79)

$$U(59369)/244242 \setminus$$

$$36691484660394583037561699885688092693836440759407570209763004757$$

Prime with rank 76449 (11075 digits by c8)

$$U(53189)/69431662887136064191105625570683133711989$$

Prime with rank 76568 (10857 digits by c8)

$$V(52201)/70585804042896975505694709575919458733851279868446609$$

Prime with rank 76582 (10838 digits by c8)

$$V(52009)/39772636393178951550299332730909$$

Prime with rank 76603 (10789 digits by c8)

$$V(51941)/28 \setminus$$

$$08052157610902114547210696868337380250300924116591143641642866931$$

Prime with rank 76616 (10763 digits by c64)

$$1258566 \cdot \text{Bern}(4462)/(2231 \cdot 596141126178107 \cdot 4970022131749)$$

Prime with rank 76742 (10562 digits by c77)

$$(2^{35339} - 1)/490988430384 \backslash \\ 98904028395440486235033667674267835480981233904512709297747031041$$

Prime with rank 77689 (9736 digits by c90)

$$(2^{32611} - 1)/15148007312464299 \backslash \\ 21091778748731899943932296901864652928732838910515860494755367311$$

Prime with rank 77818 (9516 digits by c8)

$$E(3308)/39308792292493140803643373186476368389461245$$

Prime with rank 78357 (9010 digits by c8)

$$U(43399)/470400609575881344601538056264109423291827366228494341196421$$

Prime with rank 78429 (8916 digits by c8)

$$U(42829)/107130175995197969243646842778153077$$

Prime with rank 78485 (8835 digits by c59)

$$(2^{29473} - 1)/(5613392570256862943 \cdot 24876264677503329001)$$

Prime with rank 79352 (8063 digits by c55)

$$(2^{26903} - 1)/1113285395642134415541632833178044793$$

Prime with rank 79467 (7945 digits by c8)

$$6 \cdot \text{Bern}(3458)/28329084584758278770932715893606309$$

Prime with rank 79494 (7906 digits by c39)

$$U(37987)/(16117960073 \cdot 94533840409 \cdot 1202815961509)$$

Prime with rank 79641 (7740 digits by c86)

$$(2^{25933} - 1)/1343522383641330719274248287/5589137403017310421606050379256829183569$$

Prime with rank 80086 (7551 digits by c84)

$$(2^{25243} - 1)/252431/403889/43014073/449245236879223161338352589831$$

Prime with rank 80678 (7239 digits by c8)

$$U(34807)/551750980997908879677508732866536453$$

Prime with rank 80884 (7138 digits by c63)

$$-30 \cdot \text{Bern}(3176)/(169908471493279 \cdot 905130251538800883547330531 \cdot \\ 434990809309147283469396721753169)$$

Prime with rank 81313 (7053 digits by c8)

$$U(33997)/8119544695419968014626314520991088099382355441843013$$

Prime with rank 82213 (6943 digits by c63)

$$-10365630 \cdot \text{Bern}(3100)/(140592076277 \cdot 66260150981141825531862457 \cdot 179307479508256366206520177467103)$$

Prime with rank 82529 (6637 digits by c8)

$$6 \cdot \text{Bern}(2974)/19622040971147542470479091157507$$

Prime with rank 82558 (6622 digits by c90)

$$(2^{22193} - 1)/1482314857/335842152520679489/550120409183543541076906984732919$$

Prime with rank 83704 (5938 digits by c8)

$$-E(2202)/53781055550934778283104432814129020709$$

Prime with rank 84016 (5701 digits by c8)

$$274386 \cdot \text{Bern}(2622)/8518594882415401157891061256276973722693$$

Prime with rank 84753 (5354 digits by c63)

$$-30 \cdot \text{Bern}(2504)/(313 \cdot 424524649821233650433 \cdot 117180678030577350578887 \cdot 8016621720796146291948744439)$$

Prime with rank 84960 (5258 digits by c8)

$$-E(1990)/8338208577950624722417016286765473477033741642105671913$$

Prime with rank 86771 (4812 digits by c4)

$$E(1840)/31237282053878368942060412182384934425$$

Prime with rank 87390 (4498 digits by c4)

$$E(1736)/(55695515 \cdot 75284987831 \cdot 3222089324971117)$$

Prime with rank 87802 (4200 digits by c8)

$$276474 \cdot \text{Bern}(2030)/(19426085 \cdot 24191786327543)$$

Prime with rank 88440 (3734 digits by c8)

$$-197676570 \cdot 18851280661 \cdot \text{Bern}(1836)/(59789 \cdot 3927024469727)$$

Prime with rank 88558 (3682 digits by c8)

$$-E(1466)/167900532276654417372106952612534399239$$

Prime with rank 88566 (3671 digits by c4)

$$E(1468)/(95 \cdot 217158949445380764696306893 \cdot 597712879321361736404369071)$$

Prime with rank 91303 (2829 digits by c8)

$$-E(1174)/50550511342697072710795058639332351763$$

Prime with rank 91455 (2697 digits by c77)

$$-E(1142)/6233437695283 \backslash \\ 86549241264812295334907944693557071842282853986359013986902240869$$

Prime with rank 98399 (2183 digits by c63)

$$-E(958)/(23041998673 \cdot 60728415169 \cdot 1169782469256830327 \cdot 673624354114927513970319552187639)$$

Prime with rank 99552 (2069 digits by c4)

$$-E(902)/(9756496279 \cdot 314344516832998594237)$$

3 Table of Proof-Codes

Key to Proof-Codes (primality provers):

code	description
BC	Penk, Crandall, Buhler
C	Caldwell, Cruncher
c2	Water, Primo
c4	Broadhurst, Primo
c8	Water, Broadhurst, Primo
c11	Oakes, Primo
c18	Luhn, Primo
c33	Chaglassian, Primo
c35	Cami, Primo
c39	Minovic, OpenPFGW, Primo
c46	Boncompagni, Primo
c47	Chandler, Primo
c54	Wu.T, Primo
c55	Gramolin, Primo
c56	Soule, Minovic, OpenPFGW, Primo
c58	Kaiser1, NewPGen, OpenPFGW, Primo
c59	Metcalf, OpenPFGW, Primo
c60	Lemsafer, Primo
c63	Ritschel, TOPS, Primo
c64	Metcalf, Minovic, Ritschel, TOPS, Primo
c65	Lygeros, Rozier, Primo
c66	Steine, Primo
c67	Batalov, NewPGen, OpenPFGW, Primo
c69	Jacobsen, Primo
c70	Dubner, Underwood, Primo
c71	Metcalf, Ritschel, Andersen, TOPS, Primo
c73	Lifchitz, Underwood, Primo
c74	Lasher, Dubner, Primo
c76	Kaiser1, Underwood, Water, Primo
c77	Batalov, Primo
c79	Batalov, Water, Broadhurst, Primo
c80	Lygeros, Rozier, Anonymous, Primo
c81	Underwood, Water, Primo
c82	Steine, Water, Primo
c83	Kaiser1, PolySieve, NewPGen, Primo
c84	Underwood, Primo
c85	Lasher, Broadhurst, Primo
c86	Polzer, Primo
c87	Kaiser1, OpenPFGW, Primo
c88	Kaiser1, PolySieve, Primo
c89	Underwood, Broadhurst, Primo
c90	Palameta, Batalov, Primo
c92	Lamprecht, Luhn, Primo
c93	Batalov, PolySieve, Primo
c94	Gelhar, Ritschel, TOPS, Primo

code	description
c95	Gelhar, Primo
c96	Reich2, Primo
CD	Dubner, Caldwell, Cruncher
CH10	Batalov, Primo, OpenPFGW, CHG
CH12	Propper, Batalov, Primo, OpenPFGW, CHG
CH2	Wu_T, Primo, OpenPFGW, CHG
CH3	Water, Broadhurst, Primo, OpenPFGW, CHG
CH4	Irvine, Water, Broadhurst, Primo, OpenPFGW, CHG
CH7	Broadhurst, OpenPFGW, CHG
CH9	Zhou, OpenPFGW, CHG
D	Dubner, Cruncher
DK	Keller, Dubner, Cruncher
DS	Smith_Darren, Proth.exe
FE1	Morain, FastECPP
FE8	Oakes, Morain, Water, Broadhurst, FastECPP
FE9	Morain, Water, Broadhurst, FastECPP
G1	Armengaud, GIMPS, Prime95
g1	Caldwell, Proth.exe
G2	Spence, GIMPS, Prime95
G3	Clarkson, Kurowski, GIMPS, Prime95
G4	Hajratwala, Kurowski, GIMPS, Prime95
G5	Cameron, Kurowski, GIMPS, Prime95
G6	Shafer, GIMPS, Prime95
G7	Findley_J, GIMPS, Prime95
G8	Nowak, GIMPS, Prime95
G9	Boone, Cooper, GIMPS, Prime95
G10	Smith_E, GIMPS, Prime95
G11	Elvenich, GIMPS, Prime95
G12	Strindmo, GIMPS, Prime95
G13	Cooper, GIMPS, Prime95
G14	Cooper, GIMPS, Prime95
G15	Pace, GIMPS, Prime95
G16	Laroche, GIMPS, Prime95
g23	Ballinger, Proth.exe
g25	OHare, Proth.exe
g55	Toplic, Proth.exe
g236	Heuer, GFN17Sieve, GFNSearch, Proth.exe
g245	Cosgrave, NewPGen, PRP, Proth.exe
g259	Papp, Proth.exe
g267	Grobstich, NewPGen, PRP, Proth.exe
g277	Eaton, NewPGen, PRP, Proth.exe
g279	Cooper, NewPGen, PRP, Proth.exe
g300	Zilmer, Proth.exe
g337	Hsieh, NewPGen, PRP, Proth.exe
g403	Yoshimura, ProthSieve, PrimeSierpinski, LLR, Proth.exe
g407	HermleGC, MultiSieve, PRP, Proth.exe
g413	Scott, AthGFNSieve, Proth.exe
g414	Gilvey, Srsieve, PrimeGrid, PrimeSierpinski, LLR, Proth.exe

code	description
g424	Broadhurst, NewPGen, OpenPFGW, Proth.exe
g427	Batalov, Srsieve, LLR, Proth.exe
gm	Morii, Proth.exe
K	Keller
L95	Urushi, LLR
L99	Underbakke, TwinGen, LLR
L124	Rodenkirch, MultiSieve, LLR
L129	Snyder, LLR
L137	Jaworski, Rieselprime, LLR
L165	Keiser, NewPGen, OpenPFGW, LLR
L167	Curtis, NewPGen, Rieselprime, LLR
L181	Siegert, LLR
L185	Hassler, NewPGen, LLR
L192	Jaworski, LLR
L201	Siemelink, LLR
L202	Vautier, McKibbon, Gribenko, NewPGen, PrimeGrid, TPS, LLR
L256	Underwood, Srsieve, NewPGen, 321search, LLR
L381	Mate, Siemelink, Rodenkirch, MultiSieve, LLR
L384	Pinho, Srsieve, Rieselprime, LLR
L426	Jaworski, Srsieve, Rieselprime, LLR
L436	Andersen2, Gcwsieve, MultiSieve, PrimeGrid, LLR
L446	Saridis, NewPGen, Proth.exe, LLR
L447	Kohlman, Gcwsieve, MultiSieve, PrimeGrid, LLR
L466	Zhou, NewPGen, LLR
L503	Benson, Srsieve, LLR
L521	Thompson1, Gcwsieve, MultiSieve, PrimeGrid, LLR
L527	Tornberg, TwinGen, LLR
L541	Barnes, Srsieve, CRUS, LLR
L591	Penne, Srsieve, CRUS, LLR
L606	Bennett, Srsieve, NewPGen, PrimeGrid, 321search, LLR
L613	Keogh, Srsieve, ProthSieve, RieselSieve, LLR
L622	Cardall, Srsieve, ProthSieve, RieselSieve, LLR
L669	Harvey, Srsieve, PrimeGrid, LLR
L671	Wong, Srsieve, PrimeGrid, LLR
L689	Brown1, Srsieve, PrimeGrid, LLR
L690	Cholt, Srsieve, PrimeGrid, LLR
L732	Embling, Srsieve, PrimeGrid, LLR
L753	Wolfram, Srsieve, PrimeGrid, LLR
L760	Riesen, Srsieve, Rieselprime, LLR
L780	Brady, Srsieve, PrimeGrid, LLR
L801	Gesker, Gcwsieve, MultiSieve, PrimeGrid, LLR
L917	Bergman1, Gcwsieve, MultiSieve, PrimeGrid, LLR
L923	Kaiser1, Klahn, NewPGen, PrimeGrid, TPS, SunGard, LLR
L927	Brown1, TwinGen, PrimeGrid, LLR
L983	Wu_T, LLR
L1056	Schwieger, Srsieve, PrimeGrid, LLR
L1115	Splain, PSieve, Srsieve, PrimeGrid, LLR
L1125	Laluk, PSieve, Srsieve, PrimeGrid, LLR

code	description
L1129	Slomma, PSieve, Srsieve, PrimeGrid, LLR
L1134	Ogawa, Srsieve, NewPGen, LLR
L1160	Sunderland, PSieve, Srsieve, PrimeGrid, LLR
L1188	Faith, PSieve, Srsieve, PrimeGrid, LLR
L1203	Mauno, PSieve, Srsieve, PrimeGrid, LLR
L1204	Brown1, PSieve, Srsieve, PrimeGrid, LLR
L1209	Wong, PSieve, Srsieve, PrimeGrid, LLR
L1223	Courty, PSieve, Srsieve, PrimeGrid, LLR
L1300	Yama, PSieve, Srsieve, PrimeGrid, LLR
L1301	Sorbera, Srsieve, CRUS, LLR
L1349	Wallace, Srsieve, NewPGen, PrimeGrid, LLR
L1353	Mumper, Srsieve, PrimeGrid, LLR
L1355	Beck, PSieve, Srsieve, PrimeGrid, LLR
L1422	Steichen, PSieve, Srsieve, PrimeGrid, LLR
L1444	Davies, PSieve, Srsieve, PrimeGrid, LLR
L1448	Hron, PSieve, Srsieve, PrimeGrid, LLR
L1455	Heikkila, PSieve, Srsieve, PrimeGrid, LLR
L1460	Salah, Srsieve, PrimeGrid, PrimeSierpinski, LLR
L1474	Brown6, PSieve, Srsieve, PrimeGrid, LLR
L1486	Dinkel, PSieve, Srsieve, PrimeGrid, LLR
L1502	Champ, PSieve, Srsieve, PrimeGrid, LLR
L1576	Craig, PSieve, Srsieve, PrimeGrid, LLR
L1675	Schwieger, PSieve, Srsieve, PrimeGrid, LLR
L1728	Gasewicz, PSieve, Srsieve, PrimeGrid, LLR
L1741	Granowski, PSieve, Srsieve, PrimeGrid, LLR
L1745	Cholt, PSieve, Srsieve, PrimeGrid, LLR
L1751	Eckhard, Srsieve, PrimeGrid, LLR
L1754	Hubbard, PSieve, Srsieve, PrimeGrid, LLR
L1774	Schoefer, PSieve, Srsieve, PrimeGrid, LLR
L1780	Ming, PSieve, Srsieve, PrimeGrid, LLR
L1792	Tang, PSieve, Srsieve, PrimeGrid, LLR
L1808	Reynolds1, PSieve, Srsieve, PrimeGrid, LLR
L1823	Larsson, PSieve, Srsieve, PrimeGrid, LLR
L1828	Benson, PSieve, Srsieve, Rieselprime, LLR
L1862	Curtis, PSieve, Srsieve, Rieselprime, LLR
L1884	Jaworski, PSieve, Srsieve, Rieselprime, LLR
L1885	Ostaszewski, PSieve, Srsieve, PrimeGrid, LLR
L1921	Winslow, TwinGen, PrimeGrid, LLR
L1932	Dragnev, PSieve, Srsieve, PrimeGrid, LLR
L1935	Channing, PSieve, Srsieve, PrimeGrid, LLR
L1949	Pritchard, Srsieve, PrimeGrid, RieselSieve, LLR
L1957	Hemsley, PSieve, Srsieve, PrimeGrid, LLR
L1958	DURso, Srsieve, NewPGen, OpenPFGW, LLR
L1959	Metcalfe, PSieve, Srsieve, Rieselprime, LLR
L1979	Tibbott, PSieve, Srsieve, PrimeGrid, LLR
L2012	Pedersen_K, Srsieve, CRUS, OpenPFGW, LLR
L2035	Greer, TwinGen, PrimeGrid, LLR
L2042	Lachance, PSieve, Srsieve, PrimeGrid, LLR

code	description
L2046	Melvold, Srsieve, PrimeGrid, LLR
L2054	Kaiser1, Srsieve, CRUS, LLR
L2055	Soule, PSieve, Srsieve, Rieselprime, LLR
L2085	Dodson1, PSieve, Srsieve, PrimeGrid, LLR
L2086	Sveen, PSieve, Srsieve, PrimeGrid, LLR
L2103	Schmidt1, PSieve, Srsieve, PrimeGrid, LLR
L2117	Karlsteen, PSieve, Srsieve, PrimeGrid, LLR
L2121	VanRangelrooij, PSieve, Srsieve, PrimeGrid, LLR
L2125	Greer, PSieve, Srsieve, PrimeGrid, LLR
L2137	Hayashi1, PSieve, Srsieve, PrimeGrid, LLR
L2142	Hajek, PSieve, Srsieve, PrimeGrid, LLR
L2158	Krauss, PSieve, Srsieve, PrimeGrid, LLR
L2163	VanRooijen1, PSieve, Srsieve, PrimeGrid, LLR
L2233	Herder, Srsieve, PrimeGrid, LLR
L2235	Mullage, PSieve, Srsieve, NPLB, LLR
L2269	Schori, Srsieve, PrimeGrid, LLR
L2322	Szafranski, PSieve, Srsieve, PrimeGrid, LLR
L2366	Satoh, PSieve, Srsieve, PrimeGrid, LLR
L2371	Luszczek, Srsieve, PrimeGrid, LLR
L2373	Tarasov1, Srsieve, PrimeGrid, LLR
L2408	Reinman, Srsieve, PrimeGrid, LLR
L2425	DallOsto, LLR
L2429	Bliedung, TwinGen, PrimeGrid, LLR
L2484	Ritschel, PSieve, Srsieve, Rieselprime, LLR
L2487	Liao, PSieve, Srsieve, PrimeGrid, LLR
L2511	Johnson6, TwinGen, PrimeGrid, LLR
L2518	Karevik, PSieve, Srsieve, PrimeGrid, LLR
L2520	Mamanakis, PSieve, Srsieve, PrimeGrid, LLR
L2526	Martinik, PSieve, Srsieve, PrimeGrid, LLR
L2549	McKay, PSieve, Srsieve, PrimeGrid, LLR
L2552	Foulher, PSieve, Srsieve, PrimeGrid, LLR
L2561	Vinklat, PSieve, Srsieve, PrimeGrid, LLR
L2564	Bravin, PSieve, Srsieve, PrimeGrid, LLR
L2583	Nakamura, PSieve, Srsieve, PrimeGrid, LLR
L2602	Mueller4, PSieve, Srsieve, PrimeGrid, LLR
L2603	Hoffman, PSieve, Srsieve, PrimeGrid, LLR
L2629	Becker2, PSieve, Srsieve, PrimeGrid, LLR
L2659	Reber, PSieve, Srsieve, PrimeGrid, LLR
L2664	Koluvare, PSieve, Srsieve, PrimeGrid, LLR
L2676	Cox2, PSieve, Srsieve, PrimeGrid, LLR
L2714	Piotrowski, PSieve, Srsieve, PrimeGrid, LLR
L2715	Donovan, PSieve, Srsieve, PrimeGrid, LLR
L2719	Yost, PSieve, Srsieve, PrimeGrid, LLR
L2777	Ritschel, Gewsieve, TOPS, LLR
L2785	Meili, PSieve, Srsieve, PrimeGrid, LLR
L2803	Barbyshev, PSieve, Srsieve, PrimeGrid, LLR
L2805	Barr, PSieve, Srsieve, PrimeGrid, LLR
L2826	Jeudy, PSieve, Srsieve, PrimeGrid, LLR

code	description
L2840	Santana, PSieve, Srsieve, PrimeGrid, LLR
L2841	Minovic, Gcwsieve, MultiSieve, TOPS, LLR
L2842	English1, PSieve, Srsieve, PrimeGrid, LLR
L2873	Jurach, PSieve, Srsieve, PrimeGrid, LLR
L2885	Busacker, PSieve, Srsieve, PrimeGrid, LLR
L2891	Lacroix, PSieve, Srsieve, PrimeGrid, LLR
L2914	Merrylees, PSieve, Srsieve, PrimeGrid, LLR
L2959	Derrera, PSieve, Srsieve, PrimeGrid, LLR
L2973	Kurtovic, Srsieve, PrimeGrid, LLR
L2975	Loureiro, GeneferCUDA, AthGFNSieve, PrimeGrid, LLR
L2992	Boehm, PSieve, Srsieve, PrimeGrid, LLR
L2997	Williams2, PSieve, Srsieve, PrimeGrid, LLR
L3023	Winslow, PSieve, Srsieve, PrimeGrid, 12121search, LLR
L3029	Walsh, PSieve, Srsieve, PrimeGrid, LLR
L3033	Snow, PSieve, Srsieve, PrimeGrid, 12121search, LLR
L3035	Scalise, PSieve, Srsieve, PrimeGrid, LLR
L3048	Breslin, PSieve, Srsieve, PrimeGrid, LLR
L3091	Ridgway, PSieve, Srsieve, PrimeGrid, LLR
L3101	Reichard, PSieve, Srsieve, PrimeGrid, LLR
L3118	Yama, GeneferCUDA, AthGFNSieve, PrimeGrid, LLR
L3141	Kus, PSieve, Srsieve, PrimeGrid, LLR
L3168	Schwegler, PSieve, Srsieve, PrimeGrid, LLR
L3171	Bergelt, PSieve, Srsieve, PrimeGrid, LLR
L3173	Zhou2, PSieve, Srsieve, PrimeGrid, LLR
L3174	Boniecki, PSieve, Srsieve, PrimeGrid, LLR
L3183	Haller, Srsieve, PrimeGrid, LLR
L3184	Hayslette, GeneferCUDA, AthGFNSieve, PrimeGrid, LLR
L3200	Athanas, PSieve, Srsieve, PrimeGrid, LLR
L3203	Scalise, TwinGen, PrimeGrid, LLR
L3209	McArdle, GenefX64, AthGFNSieve, PrimeGrid, LLR
L3222	Yamamoto, PSieve, Srsieve, PrimeGrid, LLR
L3223	Yurgandzhiev, PSieve, Srsieve, PrimeGrid, LLR
L3230	Kumagai, GeneferCUDA, AthGFNSieve, PrimeGrid, LLR
L3234	Parangalan, PSieve, Srsieve, PrimeGrid, LLR
L3260	Stanko, PSieve, Srsieve, PrimeGrid, LLR
L3261	Batalov, PSieve, Srsieve, PrimeGrid, LLR
L3262	Molder, PSieve, Srsieve, PrimeGrid, LLR
L3278	Fischer1, PSieve, Srsieve, PrimeGrid, LLR
L3323	Ritschel, NewPGen, TOPS, LLR
L3325	Elvy, PSieve, Srsieve, PrimeGrid, LLR
L3329	Tatearka, PSieve, Srsieve, PrimeGrid, LLR
L3345	Domanov1, PSieve, Rieselprime, LLR
L3372	Ryan, PSieve, Srsieve, PrimeGrid, LLR
L3430	Durstewitz, PSieve, Srsieve, PrimeGrid, LLR
L3431	Gahan, PSieve, Srsieve, PrimeGrid, LLR
L3432	Batalov, Srsieve, LLR
L3458	Jia, PSieve, Srsieve, PrimeGrid, LLR
L3460	Ottusch, PSieve, Srsieve, PrimeGrid, LLR

code	description
L3483	Farrow, PSieve, Srsieve, PrimeGrid, LLR
L3494	Batalov, NewPGen, LLR
L3502	Ristic, PSieve, Srsieve, PrimeGrid, LLR
L3512	Tsuji, PSieve, Srsieve, PrimeGrid, LLR
L3514	Bishop1, PSieve, Srsieve, PrimeGrid, OpenPFGW, LLR
L3519	Kurtovic, PSieve, Srsieve, Rieselprime, LLR
L3523	Brown1, Srsieve, PrimeGrid, SierpinskiRiesel, LLR
L3532	Batalov, Gcwsieve, LLR
L3539	Jacobs, PSieve, Srsieve, PrimeGrid, LLR
L3544	Minovic, Gcwsieve, GenWoodall, LLR
L3545	Eskam1, PSieve, Srsieve, PrimeGrid, LLR
L3547	Ready, Srsieve, PrimeGrid, LLR
L3548	Ready, PSieve, Srsieve, PrimeGrid, LLR
L3553	Cilliers, Srsieve, PrimeGrid, LLR
L3562	Schouten, Srsieve, PrimeGrid, LLR
L3564	Jaworski, Srsieve, CRUS, LLR
L3566	Slakans, Srsieve, PrimeGrid, LLR
L3567	Meili, Srsieve, PrimeGrid, LLR
L3573	Batalov, TwinGen, PrimeGrid, LLR
L3593	Veit, PSieve, Srsieve, PrimeGrid, LLR
L3606	Sander, TwinGen, PrimeGrid, LLR
L3610	Batalov, Srsieve, CRUS, LLR
L3659	Volynsky, Srsieve, PrimeGrid, LLR
L3662	Schawe, PSieve, Srsieve, PrimeGrid, LLR
L3665	Kelava1, PSieve, Srsieve, Rieselprime, LLR
L3686	Yost, Srsieve, PrimeGrid, LLR
L3719	Skinner, PSieve, Srsieve, PrimeGrid, LLR
L3720	Ohno, Srsieve, PrimeGrid, LLR
L3735	Kurtovic, Srsieve, LLR
L3749	Meador, Srsieve, PrimeGrid, LLR
L3760	Okazaki, PSieve, Srsieve, PrimeGrid, LLR
L3763	Martin4, PSieve, Srsieve, PrimeGrid, LLR
L3764	Diepeveen, PSieve, Srsieve, Rieselprime, LLR
L3765	Ruch, TwinGen, PrimeGrid, LLR
L3770	Tang, Srsieve, PrimeGrid, LLR
L3772	Ottusch, Srsieve, PrimeGrid, LLR
L3784	Cavanaugh, PSieve, Srsieve, PrimeGrid, LLR
L3789	Toda, Srsieve, PrimeGrid, LLR
L3802	Aggarwal, Srsieve, LLR
L3803	Bredl, PSieve, Srsieve, PrimeGrid, LLR
L3813	Chambers2, PSieve, Srsieve, PrimeGrid, LLR
L3824	Mazzucato, PSieve, Srsieve, PrimeGrid, LLR
L3829	Abrahmi, TwinGen, PrimeGrid, LLR
L3839	Batalov, EMSieve, LLR
L3849	Smith10, Srsieve, PrimeGrid, SierpinskiRiesel, LLR
L3859	Clifton, PSieve, Srsieve, PrimeGrid, LLR
L3865	Silva, PSieve, Srsieve, PrimeGrid, LLR
L3869	Cholt, Srsieve, PrimeGrid, SierpinskiRiesel, LLR

code	description
L3877	Jarne, PSieve, Srsieve, PrimeGrid, LLR
L3895	Englehard, PSieve, Srsieve, PrimeGrid, LLR
L3898	Christy, PSieve, Srsieve, PrimeGrid, LLR
L3903	Miao, Srsieve, PrimeGrid, SierpinskiRiesel, LLR
L3904	Darimont, Srsieve, PrimeGrid, SierpinskiRiesel, LLR
L3913	Kadohara, PSieve, Srsieve, PrimeGrid, LLR
L3917	Rodenkirch, PSieve, Srsieve, LLR
L3919	Pickering, PSieve, Srsieve, PrimeGrid, LLR
L3924	Kim5, PSieve, Srsieve, PrimeGrid, LLR
L3925	Okazaki, Srsieve, PrimeGrid, LLR
L3933	Batalov, PSieve, Srsieve, CRUS, Rieselprime, LLR
L3941	Lee8, PSieve, Srsieve, PrimeGrid, LLR
L3961	Darimont, Srsieve, PrimeGrid, LLR
L3964	Iakovlev, Srsieve, PrimeGrid, LLR
L3993	Gushchak, Srsieve, PrimeGrid, LLR
L4001	Willig, Srsieve, CRUS, LLR
L4031	Darney, PSieve, Srsieve, PrimeGrid, LLR
L4034	Vanc, Srsieve, PrimeGrid, LLR
L4036	Domanov1, PSieve, Srsieve, CRUS, LLR
L4045	Chew, PSieve, Srsieve, PrimeGrid, LLR
L4064	Davies, Srsieve, CRUS, LLR
L4082	Zimmerman, PSieve, Srsieve, PrimeGrid, LLR
L4083	Charrondiere, PSieve, Srsieve, PrimeGrid, LLR
L4087	Kecic, PSieve, Srsieve, PrimeGrid, LLR
L4099	Nietering, PSieve, Srsieve, PrimeGrid, LLR
L4103	Kloppfleisch, Srsieve, PrimeGrid, LLR
L4108	Yoshioka, PSieve, Srsieve, PrimeGrid, LLR
L4113	Batalov, PSieve, Srsieve, LLR
L4114	Bubloski, PSieve, Srsieve, PrimeGrid, LLR
L4119	Nelson3, PSieve, Srsieve, PrimeGrid, LLR
L4139	Hawker, Srsieve, CRUS, LLR
L4146	Schmidt1, Srsieve, PrimeGrid, LLR
L4147	Mohacsy, PSieve, Srsieve, PrimeGrid, LLR
L4155	Jones4, PSieve, Srsieve, PrimeGrid, LLR
L4159	Schulz5, Srsieve, PrimeGrid, LLR
L4166	Kwok, PSieve, LLR
L4185	Hoefliger, PSieve, Srsieve, PrimeGrid, LLR
L4187	Schmidt2, Srsieve, CRUS, LLR
L4189	Lawrence, Powell, Srsieve, CRUS, LLR
L4190	Fnasek, PSieve, Srsieve, PrimeGrid, LLR
L4197	Kumagai1, Srsieve, PrimeGrid, LLR
L4198	Rawles, PSieve, Srsieve, PrimeGrid, LLR
L4200	Harste, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4201	Brown1, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4203	Azarenko, PSieve, Srsieve, PrimeGrid, LLR
L4205	Bischof, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4207	Jaamann, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4208	Farrow, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR

code	description
L4210	Cholt, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4226	Heath, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4231	Schneider1, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4245	Greer, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4249	Larsson, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4250	Vogt, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4256	Gniesmer, PSieve, Srsieve, PrimeGrid, LLR
L4273	Rangelrooij, Srsieve, CRUS, LLR
L4274	AhlforsDahl, Srsieve, PrimeGrid, LLR
L4276	Borbely, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4286	Zimmerman, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4289	Ito2, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4293	Trunov, PSieve, Srsieve, PrimeGrid, LLR
L4294	Kurtovic, Srsieve, CRUS, Prime95, LLR
L4295	Splain, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4303	Thorson, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4307	Keller1, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4308	Matillek, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4309	Kecic, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4314	DeThomas, PSieve, Srsieve, PrimeGrid, LLR
L4316	Nilsson1, PSieve, Srsieve, PrimeGrid, LLR
L4326	Steel, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4329	Okon, Srsieve, LLR
L4334	Miller5, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4340	Becker4, Srsieve, PrimeGrid, LLR
L4342	Kaiser1, PolySieve, NewPGen, LLR
L4343	Norton, PSieve, Srsieve, PrimeGrid, LLR
L4348	Burridge, Srsieve, PrimeGrid, LLR
L4362	Mochizuki, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4364	Steinbach, PSieve, Srsieve, PrimeGrid, LLR
L4380	Rix, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4387	Davies, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4393	Veit1, Srsieve, CRUS, LLR
L4395	Nilsson1, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4398	Greer, Srsieve, PrimeGrid, LLR
L4405	Eckhard, Srsieve, LLR
L4406	Mathers, PSieve, Srsieve, PrimeGrid, LLR
L4408	Fricke, PSieve, Srsieve, PrimeGrid, LLR
L4410	Andresson, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4414	Falk, PSieve, Srsieve, PrimeGrid, LLR
L4435	Larsson, Srsieve, PrimeGrid, LLR
L4444	Terber, Srsieve, CRUS, LLR
L4454	Clark5, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4456	Chambers2, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4457	Geiger, PSieve, Srsieve, PrimeGrid, LLR
L4459	Biscop, PSieve, Srsieve, PrimeGrid, LLR
L4466	Falk, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4472	Harvanek, Gcwsieve, MultiSieve, PrimeGrid, LLR

code	description
L4477	Tennant, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4482	Mena, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4488	Vrontakis, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4490	Mazumdar, PSieve, Srsieve, PrimeGrid, LLR
L4499	Ohsugi, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4501	Eskam1, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4504	Sesok, NewPGen, LLR
L4505	Lind, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4506	Propper, Batalov, CycloSv, EMSieve, PIES, Prime95, LLR
L4510	Ming, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4511	Donovan1, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4518	Primecrunch.com, Hedges, Srsieve, LLR
L4525	Kong1, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4527	Fruzynski, PSieve, Srsieve, PrimeGrid, LLR
L4530	Reynolds1, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4548	Sydekum, Srsieve, CRUS, Prime95, LLR
L4550	Terry, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4552	Koski, PSieve, Srsieve, PrimeGrid, LLR
L4559	Okazaki, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4561	Propper, Batalov, CycloSv, Cyclo, EMSieve, PIES, LLR
L4562	Donovan, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4564	DeThomas, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4568	Vrontakis, PSieve, Srsieve, PrimeGrid, LLR
L4582	Kinney, PSieve, Srsieve, PrimeGrid, LLR
L4583	Rohmann, PSieve, Srsieve, PrimeGrid, LLR
L4584	Goforth, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4585	Schawe, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4591	Schwieger, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4595	Mangio, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4609	Elgetz, PSieve, Srsieve, PrimeGrid, LLR
L4620	Kinney, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4622	Jurach, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4623	Dugger, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4626	Iltus, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4645	McKibbon, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4649	Humphries, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4654	Voskoboynikov, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4656	Beck, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4658	Maguin, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4659	AverayJones, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4660	Snow, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4664	Toledo, PSieve, Srsieve, PrimeGrid, LLR
L4665	Szeluga, Kupidura, Banka, LLR
L4666	Slade, PSieve, Srsieve, PrimeGrid, LLR
L4667	Morelli, LLR
L4668	Okazaki, Gcwsieve, MultiSieve, PrimeGrid, LLR
L4669	Schwegler, Srsieve, PrimeGrid, LLR
L4670	Drumm, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR

code	description
L4672	Slade, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4673	Okhrimouk, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4675	Lind, Srsieve, PrimeGrid, LLR
L4676	Maloney, Srsieve, PrimeGrid, PrimeSierpinski, LLR
L4677	Provencher, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4685	Masser, Srsieve, CRUS, LLR
L4687	Campbell1, PSieve, Srsieve, PrimeGrid, LLR
L4689	Gordon2, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4690	Brandt, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4691	Fruzynski, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4692	Hajek, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4694	Schapendonk, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4695	Goudie, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4699	Parsonnet, PSieve, Srsieve, PrimeGrid, LLR
L4700	Liu4, Srsieve, CRUS, LLR
L4701	Kalus, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4702	Charette, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4704	Kurtovic, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4706	Kraemer, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4711	Closs, PSieve, Srsieve, PrimeGrid, LLR
L4715	Skinner1, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4717	Wypych, PSieve, Srsieve, PrimeGrid, LLR
L4718	Brown1, Gcwsieve, MultiSieve, PrimeGrid, LLR
L4720	Gahan, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4723	Lexut, PSieve, Srsieve, PrimeGrid, LLR
L4724	Thonon, PSieve, Srsieve, PrimeGrid, LLR
L4726	Miller7, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4729	Wimmer1, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4730	Bowe, PSieve, Srsieve, PrimeGrid, LLR
L4732	Miller7, PSieve, Srsieve, PrimeGrid, LLR
L4737	Reinhardt, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4740	Silva1, PSieve, Srsieve, PrimeGrid, LLR
L4741	Wong, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4743	Plsak, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4745	Cavanaugh, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4746	Brech, PSieve, Srsieve, PrimeGrid, LLR
L4747	Brech, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4752	Harvey2, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4754	Calvin, PSieve, Srsieve, PrimeGrid, LLR
L4757	Johnson9, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4760	Sipes, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4761	Romaidis, PSieve, Srsieve, PrimeGrid, LLR
L4763	Guilleminot, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4764	McLean2, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4765	Kumsta, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4773	Tohmola, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4774	Boehm, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4780	Harvey, Gcwsieve, MultiSieve, GenWoodall, LLR

code	description
L4783	Marini, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4784	Bertolotti, Gcwsieve, MultiSieve, PrimeGrid, LLR
L4786	Sydekum, Srsieve, CRUS, LLR
L4789	Kurtovic, Srsieve, Prime95, LLR
L4791	Vaisanen, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4793	Koski, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4795	Lawson2, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4799	Vanderveen1, LLR
L4800	Doenges, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4802	Jones5, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4806	Rajala, Srsieve, CRUS, LLR
L4807	Tsuji, Srsieve, PrimeGrid, LLR
L4808	Kaiser1, PolySieve, LLR
L4809	Bocan, Srsieve, PrimeGrid, LLR
L4810	Dhuyvetters, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4814	Telesz, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4815	Kozisek, PSieve, Srsieve, PrimeGrid, LLR
L4819	Inci, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4823	Helm, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4826	Soraku, PSieve, Srsieve, PrimeGrid, LLR
L4832	Meekins, Srsieve, CRUS, LLR
L4834	Helm, PSieve, Srsieve, PrimeGrid, LLR
L4835	Katzur, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4840	Ylijoki, PSieve, Srsieve, PrimeGrid, LLR
L4841	Baur, PSieve, Srsieve, PrimeGrid, LLR
L4842	Smith11, PSieve, Srsieve, PrimeGrid, LLR
L4843	Hutchins, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4844	Valentino, PSieve, Srsieve, PrimeGrid, LLR
L4848	Adamec, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4849	Burt, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4850	Jones5, PSieve, Srsieve, PrimeGrid, LLR
L4851	Schioler, PSieve, Srsieve, PrimeGrid, LLR
L4854	Gory, PSieve, Srsieve, PrimeGrid, LLR
L4858	Koriabine, PSieve, Srsieve, PrimeGrid, LLR
L4861	Thonon, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4864	Freihube, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4868	Bergmann, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4869	Ogata, PSieve, Srsieve, PrimeGrid, LLR
L4870	Wharton, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4871	Gory, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4875	Parsonnet, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4877	Cherenkov, Srsieve, CRUS, LLR
L4879	Propper, Batalov, Srsieve, LLR
L4880	Goossens, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4884	Somer, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4889	Hundhausen, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4892	Hewitt1, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4893	Little, PSieve, Srsieve, PrimeGrid, LLR

code	description
L4898	Kozisek, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4903	Laurent1, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4905	Niegocki, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4907	Reinhardt, PSieve, Srsieve, PrimeGrid, LLR
L4909	Hall, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4914	Bishop_D, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4917	Corlatti, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4918	Weiss1, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4922	Bulba, Sesok, LLR
L4923	Koriabine, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4926	Shenton, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4928	Doornink, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4929	Givoni, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4930	Shintani, PSieve, Srsieve, PrimeGrid, LLR
L4932	Schroeder2, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4933	Jacques, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4935	Simard, PSieve, Srsieve, PrimeGrid, LLR
L4937	Ito2, Srsieve, PrimeGrid, LLR
L4942	Matheis, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4944	SRBase, Srsieve, CRUS, LLR
L4948	SchwartzLowe, PSieve, Srsieve, PrimeGrid, LLR
L4951	Niegocki, PSieve, Srsieve, PrimeGrid, LLR
L4954	Romaidis, Srsieve, PrimeGrid, LLR
L4955	Grosvenor, Srsieve, CRUS, LLR
L4956	Merrylees, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4958	Shenton, PSieve, Srsieve, PrimeGrid, LLR
L4959	Deakin, PSieve, Srsieve, PrimeGrid, LLR
L4960	Kaiser1, NewPGen, TPS, LLR
L4963	Mortimore, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4964	Doescher, GFNSvCUDA, GeneFer, LLR
L4965	Propper, LLR
L4970	Michael, PSieve, Srsieve, PrimeGrid, LLR
L4972	Greer, Gcwsieve, MultiSieve, PrimeGrid, LLR
L4973	Landrum, PSieve, Srsieve, PrimeGrid, LLR
L4976	Propper, Batalov, Gcwsieve, LLR
L4977	Miller8, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4979	Matheis, PSieve, Srsieve, PrimeGrid, LLR
L4980	Poon1, PSieve, Srsieve, PrimeGrid, LLR
L4981	MartinezCucalon, PSieve, Srsieve, PrimeGrid, LLR
L4984	Hemsley, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4985	Veit, Srsieve, CRUS, LLR
L4987	Canossi, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4988	Harris3, PSieve, Srsieve, PrimeGrid, LLR
L4990	Heindl, PSieve, Srsieve, PrimeGrid, LLR
L4997	Gardner, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4999	Andrews1, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5001	Mamonov, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5002	Kato, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR

code	description
L5008	Niegocki, Srsieve, PrimeGrid, LLR
L5009	Jungmann, Srsieve, LLR
L5011	Strajt, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5013	Wypych, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5014	Strokov, PSieve, Srsieve, PrimeGrid, LLR
L5018	Nielsen, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5020	Eikelenboom, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5021	Svantner, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5023	Schulz6, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5024	Schumacher, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5025	Lexut, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5027	Moudy, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5029	Krompolc, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5030	Calvin, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5031	Schumacher, PSieve, Srsieve, PrimeGrid, LLR
L5033	Ni, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5037	Diepeveen, Underwood, PSieve, Srsieve, Rieselprime, LLR
L5039	Gilliland, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5043	Vanderveen1, Propper, LLR
L5044	Bergelt, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5051	Veit, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5053	Yoshigoe, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5057	Hauhia, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5061	Cooper5, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5063	Wendelboe, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5067	Tirkkonen, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5068	Silva1, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5071	McLean2, Srsieve, CRUS, LLR
L5072	Romaidis, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5076	Atnashev, Srsieve, PrimeGrid, LLR
L5079	Meditz, PSieve, Srsieve, PrimeGrid, LLR
L5080	Gahan, GFNSvCUDA, PrivGfnServer, LLR
L5081	Howell, Srsieve, PrimeGrid, LLR
L5083	Pickering, Srsieve, PrimeGrid, LLR
L5084	Yagi, PSieve, Srsieve, PrimeGrid, LLR
L5085	Strajt, PSieve, Srsieve, PrimeGrid, LLR
L5087	Coscia, PSieve, Srsieve, PrimeGrid, LLR
L5088	Hall1, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5090	Jourdan, PSieve, Srsieve, PrimeGrid, LLR
L5094	Thmmler, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5100	Stephens, PSieve, Srsieve, PrimeGrid, LLR
L5102	Liu6, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5104	Gahan, LLR2, NewPGen, LLR
L5105	Helm, LLR2, Srsieve, PrivGfnServer, LLR
L5106	Glennie, PSieve, Srsieve, PrimeGrid, LLR
L5110	Provencher, PSieve, Srsieve, PrimeGrid, LLR
L5115	Doescher, LLR
L5116	Schoeler, MultiSieve, LLR

code	description
L5120	Greer, LLR2, PrivGfnServer, LLR
L5122	Tennant, LLR2, PrivGfnServer, LLR
L5123	Propper, Batalov, EMSieve, LLR
L5125	Tirkkonen, PSieve, Srsieve, PrimeGrid, LLR
L5126	Warach, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5129	Veit, Srsieve, PrimeGrid, LLR
L5130	Jourdan, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5134	Cooper5, PSieve, Srsieve, PrimeGrid, LLR
L5139	Belozersky, PSieve, Srsieve, PrimeGrid, LLR
L5144	McNary, PSieve, Srsieve, PrimeGrid, LLR
L5157	Asano, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5158	Zuschlag, PSieve, Srsieve, PrimeGrid, LLR
L5159	Huetter, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5161	Greer, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5162	Thmmler, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5166	Jaros1, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5167	Gelhar, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5168	Hawkinson, PSieve, Srsieve, PrimeGrid, LLR
L5169	Atnashev, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5171	Brown1, LLR2, Srsieve, PrimeGrid, LLR
L5172	McNary, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5173	Bishop_D, PSieve, Srsieve, PrimeGrid, LLR
L5174	Scalise, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5175	Liiv, PSieve, Srsieve, Rieselprime, LLR
L5176	Early, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5177	Tapper, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5178	Larsson, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5179	Okazaki, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5180	Laluk, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5181	Atnashev, LLR2, Srsieve, PrimeGrid, LLR
L5183	Winskill1, PSieve, Srsieve, PrimeGrid, 12121search, LLR
L5185	Elgetz, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5186	United, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5188	Wong, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5189	Jackson1, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5191	Kaiser1, NewPGen, LLR
L5192	Anonymous, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5194	Jonas, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5195	Ridgway, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5196	Sielemann, Srsieve, CRUS, LLR
L5197	Propper, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5199	Romaidis, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5200	Terry, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5201	Ford, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5202	Molne, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5203	Topham, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5207	Atnashev, LLR2, PrivGfnServer, LLR
L5208	Schnur, LLR2, PSieve, Srsieve, PrimeGrid, LLR

code	description
L5210	Brech, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5214	Dinkel, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5215	Hawkinson, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5216	Brazier, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5217	Wiseler, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5220	Jones4, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5223	Vera, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5226	Brown1, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5228	Jacques, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5229	Karpenko, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5230	Tapper, LLR2, Srsieve, PrimeGrid, LLR
L5231	Veit, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5232	Bliedung, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5233	Sipes, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5235	Karpinski, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5236	Shenton, LLR2, PSieve, Srsieve, PrivGfnServer, PrimeGrid, LLR
L5237	Schwieger, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5238	Jourdan, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5239	Strajt, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5242	Krompolc, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5246	Vaisanen, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5248	Delgado, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5249	Racanelli, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5250	Nakamura, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5253	Burt, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5254	Gerstenberger, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5256	Snow, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5260	Ostaszewski, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5261	Kim5, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5262	Clark5, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5263	Ito2, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5264	Cholt, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5265	Fleischman, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5266	Sheridan, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5267	Schnur, LLR2, Srsieve, PrimeGrid, LLR
L5269	Clemence, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5272	Conner, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5273	McGonegal, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5276	Schawe, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5277	McDevitt, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5278	Nose, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5279	Schick, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5282	Somer, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5283	Hua, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5284	Fischer1, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5285	Merrylees, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5286	Reynolds1, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5287	Thonon, LLR2, PSieve, Srsieve, PrimeGrid, LLR

code	description
L5290	Cooper5, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5294	Hewitt1, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5295	Gilliland, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5296	Piaive, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5297	Nakamura, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5298	Kaczmarek, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5299	Corlatti, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5300	Hajek, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5301	Harju, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5302	Davies, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5305	Thanry, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5307	Bauer2, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5308	Krauss, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5309	Bishop_D, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5310	Hubbard, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5311	Reich, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5314	Satoh, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5315	Dec, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5316	Walsh, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5317	Freeze, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5318	Ruber, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5319	Abbey, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5320	Niegocki, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5323	Chan1, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5324	Boehm, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5325	Drager, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5326	Deakin, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5334	Jones6, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5335	Harvey1, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5336	Leblanc, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5337	Kawamura1, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5338	Deakin, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5343	Tajika, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5344	Lowe1, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5345	Johnson8, LLR2, PSieve, Srsieve, PrimeGrid, LLR
L5346	Polansky, LLR2, PSieve, Srsieve, PrimeGrid, LLR
M	Morain
MM	Morii
O	Oakes
p3	Dohmen, OpenPFGW
p8	Caldwell, OpenPFGW
p12	Water, OpenPFGW
p16	Heuer, OpenPFGW
p21	Anderson, Robinson, OpenPFGW
p35	Augustin, NewPGen, OpenPFGW
p44	Broadhurst, OpenPFGW
p54	Water, Broadhurst, OpenPFGW
p58	Glover, Oakes, OpenPFGW

code	description
p65	DavisK, Kuosa, OpenPFGW
p77	Harvey, MultiSieve, GenWoodall, OpenPFGW
p85	Marchal, Carmody, Kuosa, OpenPFGW
p102	Underwood, Frind, OpenPFGW
p115	DavisK, OpenPFGW
p148	Yama, Noda, Nohara, NewPGen, MatGFN, PRP, OpenPFGW
p155	DavisK, NewPGen, OpenPFGW
p158	Paridon, NewPGen, OpenPFGW
p166	Yamada, Noda, Nohara, NewPGen, MatGFN, PRP, OpenPFGW
p169	Eaton, NewPGen, PRP, OpenPFGW
p170	Wu_T, Primo, OpenPFGW
p189	Bohanon, LLR, OpenPFGW
p193	Irvine, Broadhurst, Primo, OpenPFGW
p199	Broadhurst, NewPGen, OpenPFGW
p235	Bedwell, OpenPFGW
p236	Cooper, NewPGen, PRP, OpenPFGW
p252	Oakes, NewPGen, OpenPFGW
p260	Harvey, Gcwsieve, MultiSieve, GenWoodall, OpenPFGW
p262	Vogel, Gcwsieve, MultiSieve, PrimeGrid, OpenPFGW
p279	Domanov1, Srsieve, Rieselprime, Prime95, OpenPFGW
p282	Rajala, NewPGen, OpenPFGW
p286	Batalov, Srsieve, OpenPFGW
p290	Domanov1, Fpsieve, PrimeGrid, OpenPFGW
p295	Angel, NewPGen, OpenPFGW
p296	Kaiser1, Srsieve, LLR, OpenPFGW
p297	Broadhurst, Srsieve, NewPGen, LLR, OpenPFGW
p301	Winskill1, Fpsieve, PrimeGrid, OpenPFGW
p302	Gasewicz, Fpsieve, PrimeGrid, OpenPFGW
p308	DavisK, Underwood, NewPGen, PrimeForm_egroup, OpenPFGW
p309	Yama, GenefX64, AthGFNSieve, PrimeGrid, OpenPFGW
p310	Hubbard, Gcwsieve, MultiSieve, PrimeGrid, OpenPFGW
p312	Doggart, Fpsieve, PrimeGrid, OpenPFGW
p314	Hubbard, GenefX64, AthGFNSieve, PrimeGrid, OpenPFGW
p325	Broadhurst, Gcwsieve, MultiSieve, OpenPFGW
p332	Johnson6, GeneferCUDA, AthGFNSieve, PrimeGrid, OpenPFGW
p334	Goetz, GeneferCUDA, AthGFNSieve, PrimeGrid, OpenPFGW
p338	Tomecko, GeneferCUDA, AthGFNSieve, PrimeGrid, OpenPFGW
p342	Trice, OpenPFGW
p346	Burt, Fpsieve, PrimeGrid, OpenPFGW
p350	Koen, Gcwsieve, GenWoodall, OpenPFGW
p354	Koen, Gcwsieve, OpenPFGW
p355	Domanov1, Srsieve, CRUS, OpenPFGW
p362	Snow, Fpsieve, PrimeGrid, OpenPFGW
p363	Batalov, OpenPFGW
p364	Batalov, NewPGen, OpenPFGW
p373	Morelli, OpenPFGW
p378	Batalov, Srsieve, CRUS, LLR, OpenPFGW
p379	Batalov, CycloSv, Cyclo, EMSieve, PIES, OpenPFGW

code	description
p382	Oestlin, NewPGen, OpenPFGW
p384	Booker, OpenPFGW
p391	Keiser, NewPGen, OpenPFGW
p394	Fukui, MultiSieve, OpenPFGW
p395	Angel, Augustin, NewPGen, OpenPFGW
p398	Stocker, OpenPFGW
p399	Kebbaj, OpenPFGW
p406	DavisK, Luhn, Underwood, NewPGen, PrimeForm_egroup, OpenPFGW
p407	Lamprecht, Luhn, OpenPFGW
p408	Batalov, PolySieve, OpenPFGW
p409	Nielsen1, OpenPFGW
p410	Brown1, GeneFer, AthGFNSieve, PrivGfnServer, OpenPFGW
p411	Larsson, GeneFer, AthGFNSieve, PrivGfnServer, OpenPFGW
p412	Gelhar, Srsieve, OpenPFGW
p413	Morimoto, OpenPFGW
p415	Doornink, TwinGen, OpenPFGW
p416	Monnin, LLR2, PrivGfnServer, OpenPFGW
p417	Tennant, LLR2, PrivGfnServer, OpenPFGW
p418	Sielemann, LLR2, PrivGfnServer, OpenPFGW
p419	Bird1, LLR2, PrivGfnServer, OpenPFGW
PM	Mihailescu
SB10	Agafonov, SoBSieve, ProthSieve, Ksieve, PRP, Proth.exe, SB
SB11	Sunde, SoBSieve, ProthSieve, Ksieve, PRP, Proth.exe, SB
SB12	Szabolcs, Srsieve, SoBSieve, ProthSieve, Ksieve, PrimeGrid, LLR, SB
SB6	Sundquist, SoBSieve, ProthSieve, Ksieve, PRP, Proth.exe, SB
SB7	Team_Prime_Rib, SoBSieve, ProthSieve, Ksieve, PRP, SB
SB8	Gordon, SoBSieve, ProthSieve, Ksieve, PRP, Proth.exe, SB
SB9	Hassler, SoBSieve, ProthSieve, Ksieve, PRP, Proth.exe, SB
SG	Gage, Slowinski
WD	Dubner, Williams, Cruncher
WM	Williams, Morain
x13	Renze
x16	Doumen, Beelen, Unknown
x20	Irvine, Water, Broadhurst
x23	Renze, Water, Broadhurst, Primo, OpenPFGW
x24	Jarai_Z, Farkas, Csajbok, Kasza, Jarai, Unknown
x25	Water, Broadhurst, Primo, OpenPFGW
x28	Iskra
x33	Carmody, Renze, Water, Broadhurst, Primo, OpenPFGW
x36	Irvine, Carmody, Renze, Water, Broadhurst, Primo, OpenPFGW
x38	Broadhurst, Primo, OpenPFGW
x39	Keller, Dubner, Broadhurst, Primo, OpenPFGW
x44	Zhou, Unknown
x45	Batalov, Primo, OpenPFGW, Unknown
x47	Szekeres, Magyar, Gevay, Farkas, Jarai, Unknown
x48	Asuncion, Allombert, Unknown
Y	Young