

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:

<https://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
14	$2^{20996011} - 1$	6320430	G6	03	Mersenne 40
15	$1059094^{1048576} + 1$	6317602	L4720	18	Generalized Fermat
16	$919444^{1048576} + 1$	6253210	L4286	17	Generalized Fermat
17	$168451 \cdot 2^{19375200} + 1$	5832522	L4676	17	
18	$7 \cdot 2^{18233956} + 1$	5488969	L4965	20	Divides Fermat $F(18233954)$
19	$3 \cdot 2^{17748034} - 1$	5342692	L5404	21	
20	$\text{Phi}(3, -123447^{524288})$	5338805	L4561	17	Generalized unique
21	$7 \cdot 6^{6772401} + 1$	5269954	L4965	19	
22	$8508301 \cdot 2^{17016603} - 1$	5122515	L4784	18	Woodall
23	$3 \cdot 2^{16819291} - 1$	5063112	L5230	21	
24	$3 \cdot 2^{16408818} + 1$	4939547	L5171	20	Divides $GF(16408814, 3)$, $GF(16408817, 5)$

rank	description	digits	who	year	comment
25	$69 \cdot 2^{15866556} - 1$	4776312	L4965	21	
26	$2525532 \cdot 73^{2525532} + 1$	4705888	L5402	21	Generalized Cullen
27	$2^{15317227} + 2^{7658614} + 1$	4610945	L5123	20	Gaussian Mersenne norm 41?, generalized unique
28	$6 \cdot 56546983 + 1$	4576146	L4965	20	
30	$192971 \cdot 2^{14773498} - 1$	4447272	L4965	21	
31	$6962 \cdot 31^{2863120} - 1$	4269952	L5410	20	
32	$99739 \cdot 2^{14019102} + 1$	4220176	L5008	19	
33	$404849 \cdot 2^{13764867} + 1$	4143644	L4976	21	Generalized Cullen
34	$2740879 \cdot 2^{13704395} - 1$	4125441	L4976	19	Generalized Woodall
35	$479216 \cdot 3^{8625889} - 1$	4115601	L4976	19	Generalized Woodall
36	$Phi(3, -143332^{393216})$	4055114	L4506	17	Generalized unique
37	$2^{13466917} - 1$	4053946	G5	01	Mersenne 39
38	$9 \cdot 2^{13334487} + 1$	4014082	L4965	20	Divides $GF(13334485, 3)$
39	$206039 \cdot 2^{13104952} - 1$	3944989	L4965	21	
40	$2805222 \cdot 5^{5610444} + 1$	3921539	L4972	19	Generalized Cullen
41	$19249 \cdot 2^{13018586} + 1$	3918990	SB10	07	
42	$2293 \cdot 2^{12918431} - 1$	3888839	L4965	21	
43	$9 \cdot 2^{12406887} + 1$	3734847	L4965	20	Divides $GF(12406885, 3)$
44	$69 \cdot 2^{12231580} - 1$	3682075	L4965	21	
45	$27 \cdot 2^{12184319} + 1$	3667847	L4965	21	
46	$3 \cdot 2^{11895718} - 1$	3580969	L4159	15	
47	$3 \cdot 2^{11731850} - 1$	3531640	L4103	15	
48	$69 \cdot 2^{11718455} - 1$	3527609	L4965	20	
49	$69 \cdot 2^{11604348} - 1$	3493259	L4965	20	
50	$9 \cdot 2^{11500843} + 1$	3462100	L4965	20	Divides $GF(11500840, 12)$
51	$3 \cdot 2^{11484018} - 1$	3457035	L3993	14	
52	$193997 \cdot 2^{11452891} + 1$	3447670	L4398	18	
53	$3638450^{524288} + 1$	3439810	L4591	20	Generalized Fermat
54	$9221 \cdot 2^{11392194} - 1$	3429397	L5267	21	
55	$9 \cdot 2^{11366286} + 1$	3421594	L4965	20	Generalized Fermat
56	$5 \cdot 2^{11355764} - 1$	3418427	L4965	21	
57	$3214654^{524288} + 1$	3411613	L4309	19	Generalized Fermat
58	$146561 \cdot 2^{11280802} - 1$	3395865	L5181	20	
59	$2985036^{524288} + 1$	3394739	L4752	19	Generalized Fermat
60	$2877652^{524288} + 1$	3386397	L4250	19	Generalized Fermat
61	$2788032^{524288} + 1$	3379193	L4584	19	Generalized Fermat
62	$2733014^{524288} + 1$	3374655	L4929	19	Generalized Fermat
63	$9 \cdot 2^{11158963} + 1$	3359184	L4965	20	Divides $GF(11158962, 5)$
64	$9271 \cdot 2^{11134335} - 1$	3351773	L4965	21	
65	$2312092^{524288} + 1$	3336572	L4720	18	Generalized Fermat
66	$2061748^{524288} + 1$	3310478	L4783	18	Generalized Fermat
67	$1880370^{524288} + 1$	3289511	L4201	18	Generalized Fermat
68	$3 \cdot 2^{10829346} + 1$	3259959	L3770	14	Divides $GF(10829343, 3)$, $GF(10829345, 5)$
69	$5 \cdot 2^{10495620} - 1$	3159498	L4965	21	
70	$5 \cdot 2^{10349000} - 1$	3115361	L4965	21	
71	$Phi(3, -844833^{262144})$	3107335	L4506	17	Generalized unique

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72	$\text{Phi}(3, -712012^{262144})$	3068389	L4506	17	Generalized unique
73	$874208 \cdot 54^{1748416} - 1$	3028951	L4976	19	Generalized Woodall
74	$475856^{524288} + 1$	2976633	L3230	12	Generalized Fermat
75	$9 \cdot 2^{9778263} + 1$	2943552	L4965	20	
76	$1806676 \cdot 41^{1806676} + 1$	2913785	L4668	18	Generalized Cullen
77	$356926^{524288} + 1$	2911151	L3209	12	Generalized Fermat
78	$341112^{524288} + 1$	2900832	L3184	12	Generalized Fermat
79	$121 \cdot 2^{9584444} + 1$	2885208	L5183	20	Generalized Fermat
80	$11 \cdot 2^{9381365} + 1$	2824074	L4965	20	Divides $GF(9381364, 6)$
81	$27653 \cdot 2^{9167433} + 1$	2759677	SB8	05	
82	$90527 \cdot 2^{9162167} + 1$	2758093	L1460	10	
83	$6795 \cdot 2^{9144320} - 1$	2752719	L4965	21	
84	$1323365 \cdot 116^{1323365} + 1$	2732038	L4718	18	Generalized Cullen
85	$13 \cdot 2^{8989858} + 1$	2706219	L4965	20	
86	$273809 \cdot 2^{8932416} - 1$	2688931	L1056	17	
87	$2 \cdot 3^{5570081} + 1$	2657605	L4965	20	Divides $\text{Phi}(3^{5570081}, 2)$ [g427]
88	$25 \cdot 2^{8788628} + 1$	2645643	L5161	21	Generalized Fermat
89	$2038 \cdot 366^{1028507} - 1$	2636562	L2054	16	
90	$17 \cdot 2^{8636199} + 1$	2599757	L5161	21	Divides $GF(8636198, 10)$
91	$75898^{524288} + 1$	2558647	p334	11	Generalized Fermat
92	$25 \cdot 2^{8456828} + 1$	2545761	L5237	21	Divides $GF(8456827, 12)$, generalized Fermat
93	$39 \cdot 2^{8413422} + 1$	2532694	L5232	21	
94	$31 \cdot 2^{8348000} + 1$	2513000	L5229	21	
95	$27 \cdot 2^{8342438} - 1$	2511326	L3483	21	
96	$3687 \cdot 2^{8261084} - 1$	2486838	L4965	21	
97	$11 \cdot 2^{8103463} + 1$	2439387	L4965	20	Divides $GF(8103462, 12)$
98	$102818 \cdot 5^{3440382} - 1$	2404729	L5427	21	
99	$11 \cdot 2^{7971110} - 1$	2399545	L2484	19	
100	$27 \cdot 2^{7963247} + 1$	2397178	L5161	21	Divides Fermat $F(7963245)$
101	$3177 \cdot 2^{7954621} - 1$	2394584	L4965	21	
102	$39 \cdot 2^{7946769} + 1$	2392218	L5226	21	Divides $GF(7946767, 12)$
103	$7 \cdot 6^{3072198} + 1$	2390636	L4965	19	
104	$3765 \cdot 2^{7904593} - 1$	2379524	L4965	21	
105	$29 \cdot 2^{7899985} + 1$	2378134	L5161	21	Divides $GF(7899984, 6)$
106	$861 \cdot 2^{7895451} - 1$	2376771	L4965	21	
107	$28433 \cdot 2^{7830457} + 1$	2357207	SB7	04	
108	$5 \cdot 2^{7755002} - 1$	2334489	L4965	21	
109	$2545 \cdot 2^{7732265} - 1$	2327648	L4965	21	
110	$5539 \cdot 2^{7730709} - 1$	2327180	L4965	21	
111	$4817 \cdot 2^{7719584} - 1$	2323831	L4965	21	
112	$1341174 \cdot 53^{1341174} + 1$	2312561	L4668	17	Generalized Cullen
113	$45 \cdot 2^{7661004} + 1$	2306194	L5200	20	
114	$15 \cdot 2^{7619838} + 1$	2293801	L5192	20	
115	$3597 \cdot 2^{7580693} - 1$	2282020	L4965	21	
116	$7401 \cdot 2^{7523295} - 1$	2264742	L4965	21	
117	$45 \cdot 2^{7513661} + 1$	2261839	L5179	20	
118	$\text{Phi}(3, -558640^{196608})$	2259865	L4506	17	Generalized unique

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119	$29 \cdot 2^{7374577} + 1$	2219971	L5169	20	Divides $GF(7374576, 3)$
120	$109838 \cdot 5^{3168862} - 1$	2214945	L5129	20	
121	$101 \cdot 2^{7345194} - 1$	2211126	L1884	19	
122	$15 \cdot 2^{7300254} + 1$	2197597	L5167	20	
123	$1759 \cdot 2^{7284439} - 1$	2192838	L4965	21	
124	$737 \cdot 2^{7269322} - 1$	2188287	L4665	17	
125	$118568 \cdot 5^{3112069} + 1$	2175248	L690	20	
126	$6039 \cdot 2^{7207973} - 1$	2169820	L4965	21	
127	$502573 \cdot 2^{7181987} - 1$	2162000	L3964	14	
128	$402539 \cdot 2^{7173024} - 1$	2159301	L3961	14	
129	$3343 \cdot 2^{7166019} - 1$	2157191	L1884	16	
130	$161041 \cdot 2^{7107964} + 1$	2139716	L4034	15	
131	$27 \cdot 2^{7046834} + 1$	2121310	L3483	18	
132	$1759 \cdot 2^{7046791} - 1$	2121299	L4965	21	
133	$327 \cdot 2^{7044001} - 1$	2120459	L4965	21	
134	$5 \cdot 2^{7037188} - 1$	2118406	L4965	21	
135	$3 \cdot 2^{7033641} + 1$	2117338	L2233	11	Divides $GF(7033639, 3)$
136	$33661 \cdot 2^{7031232} + 1$	2116617	SB11	07	
137	$\text{Phi}(3, -237804^{196608})$	2114016	L4506	17	Generalized unique
138	$207494 \cdot 5^{3017502} - 1$	2109149	L5083	20	
139	$15 \cdot 2^{6993631} - 1$	2105294	L4965	21	
140	$2^{6972593} - 1$	2098960	G4	99	Mersenne 38
141	$6219 \cdot 2^{6958945} - 1$	2094855	L4965	21	
142	$51 \cdot 2^{6945567} + 1$	2090826	L4965	20	Divides $GF(6945564, 12)$ [p286]
143	$238694 \cdot 5^{2979422} - 1$	2082532	L5081	20	
144	$4 \cdot 72^{1119849} - 1$	2079933	L4444	16	
145	$33 \cdot 2^{6894190} - 1$	2075360	L4965	21	
146	$146264 \cdot 5^{2953282} - 1$	2064261	L1056	20	
147	$69 \cdot 2^{6838971} - 1$	2058738	L5037	20	
148	$35816 \cdot 5^{2945294} - 1$	2058677	L5076	20	
149	$127 \cdot 2^{6836153} - 1$	2057890	L1862	18	
150	$19 \cdot 2^{6833086} + 1$	2056966	L5166	20	
151	$40597 \cdot 2^{6808509} - 1$	2049571	L3749	13	
152	$283 \cdot 2^{6804731} - 1$	2048431	L2484	20	
153	$1861709 \cdot 2^{6789999} + 1$	2044000	L5191	20	
154	$5781 \cdot 2^{6789459} - 1$	2043835	L4965	21	
155	$8435 \cdot 2^{6786180} - 1$	2042848	L4965	21	
156	$51 \cdot 2^{6753404} + 1$	2032979	L4965	20	
157	$9995 \cdot 2^{6711008} - 1$	2020219	L4965	20	
158	$39 \cdot 2^{6684941} + 1$	2012370	L5162	20	
159	$6679881 \cdot 2^{6679881} + 1$	2010852	L917	09	Cullen
160	$37 \cdot 2^{6660841} - 1$	2005115	L3933	14	
161	$39 \cdot 2^{6648997} + 1$	2001550	L5161	20	
162	$304207 \cdot 2^{6643565} - 1$	1999918	L3547	13	
163	$69 \cdot 2^{6639971} - 1$	1998833	L5037	20	
164	$6471 \cdot 2^{6631137} - 1$	1996175	L4965	21	
165	$1319 \cdot 2^{6506224} - 1$	1958572	L4965	21	
166	$322498 \cdot 5^{2800819} - 1$	1957694	L4954	19	

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167	$88444 \cdot 5^{2799269} - 1$	1956611	L3523	19	
168	$13 \cdot 2^{6481780} + 1$	1951212	L4965	20	
169	$21 \cdot 2^{6468257} - 1$	1947141	L4965	21	
170	$138514 \cdot 5^{2771922} + 1$	1937496	L4937	19	
171	$15 \cdot 2^{6429089} - 1$	1935350	L4965	21	
172	$398023 \cdot 2^{6418059} - 1$	1932034	L3659	13	
173	$631 \cdot 2^{6359347} - 1$	1914357	L4965	21	
174	$1995 \cdot 2^{6333396} - 1$	1906546	L4965	21	
175	$1582137 \cdot 2^{6328550} + 1$	1905090	L801	09	Cullen
176	$10^{1888529} - 10^{944264} - 1$	1888529	p423	21	Near-repdigit, palindrome
177	$3303 \cdot 2^{6264946} - 1$	1885941	L4965	21	
178	$14103144^{262144} + 1$	1874151	L5254	21	Generalized Fermat
179	$13911580^{262144} + 1$	1872594	L5068	21	Generalized Fermat
180	$13640376^{262144} + 1$	1870352	L4307	21	Generalized Fermat
181	$13553882^{262144} + 1$	1869628	L4307	21	Generalized Fermat
182	$13039868^{262144} + 1$	1865227	L5273	21	Generalized Fermat
183	$7 \cdot 6^{2396573} + 1$	1864898	L4965	19	
184	$12959788^{262144} + 1$	1864525	L4591	21	Generalized Fermat
185	$12582496^{262144} + 1$	1861162	L5202	21	Generalized Fermat
186	$12529818^{262144} + 1$	1860684	L4871	20	Generalized Fermat
187	$12304152^{262144} + 1$	1858615	L4591	20	Generalized Fermat
188	$12189878^{262144} + 1$	1857553	L4905	20	Generalized Fermat
189	$39 \cdot 2^{6164630} + 1$	1855741	L4087	20	Divides $GF(6164629, 5)$
190	$11081688^{262144} + 1$	1846702	L5051	20	Generalized Fermat
191	$10979776^{262144} + 1$	1845650	L5088	20	Generalized Fermat
192	$10829576^{262144} + 1$	1844082	L4677	20	Generalized Fermat
193	$194368 \cdot 5^{2638045} - 1$	1843920	L690	18	
194	$10793312^{262144} + 1$	1843700	L4905	20	Generalized Fermat
195	$10627360^{262144} + 1$	1841936	L4956	20	Generalized Fermat
196	$10578478^{262144} + 1$	1841411	L4307	20	Generalized Fermat
197	$66916 \cdot 5^{2628609} - 1$	1837324	L690	18	
198	$3 \cdot 2^{6090515} - 1$	1833429	L1353	10	
199	$9812766^{262144} + 1$	1832857	L4245	20	Generalized Fermat
200	$9750938^{262144} + 1$	1832137	L4309	20	Generalized Fermat
201	$8349 \cdot 2^{6082397} - 1$	1830988	L4965	21	
202	$9450844^{262144} + 1$	1828578	L5020	20	Generalized Fermat
203	$32 \cdot 470^{683151} + 1$	1825448	L4064	21	
204	$9125820^{262144} + 1$	1824594	L5002	19	Generalized Fermat
205	$8883864^{262144} + 1$	1821535	L4715	19	Generalized Fermat
206	$21 \cdot 2^{6048861} + 1$	1820890	L5106	20	Divides $GF(6048860, 5)$
207	$9999 \cdot 2^{6037057} - 1$	1817340	L4965	21	
208	$8521794^{262144} + 1$	1816798	L4289	19	Generalized Fermat
209	$1583 \cdot 2^{5989282} - 1$	1802957	L4036	15	
210	$6291332^{262144} + 1$	1782250	L4864	18	Generalized Fermat
211	$6287774^{262144} + 1$	1782186	L4726	18	Generalized Fermat
212	$327926 \cdot 5^{2542838} - 1$	1777374	L4807	18	
213	$81556 \cdot 5^{2539960} + 1$	1775361	L4809	18	
214	$5828034^{262144} + 1$	1773542	L4720	18	Generalized Fermat

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215	$993 \cdot 10^{1768283} - 1$	1768286	L4879	19	Near-repdigit
216	$9 \cdot 10^{1762063} - 1$	1762064	L4879	20	Near-repdigit
217	$5205422^{262144} + 1$	1760679	L4201	18	Generalized Fermat
218	$5152128^{262144} + 1$	1759508	L4720	18	Generalized Fermat
219	$4489246^{262144} + 1$	1743828	L4591	18	Generalized Fermat
220	$2 \cdot 3^{3648969} + 1$	1741001	L5043	20	Divides $\Phi(3^{3648964}, 2)$ [g427]
221	$7 \cdot 2^{5775996} + 1$	1738749	L3325	12	
222	$4246258^{262144} + 1$	1737493	L4720	18	Generalized Fermat
223	$3933508^{262144} + 1$	1728783	L4309	18	Generalized Fermat
224	$3853792^{262144} + 1$	1726452	L4715	18	Generalized Fermat
225	$3673932^{262144} + 1$	1721010	L4649	17	Generalized Fermat
226	$3596074^{262144} + 1$	1718572	L4689	17	Generalized Fermat
227	$3547726^{262144} + 1$	1717031	L4201	17	Generalized Fermat
228	$8 \cdot 10^{1715905} - 1$	1715906	L4879	20	Near-repdigit
229	$1243 \cdot 2^{5686715} - 1$	1711875	L1828	16	
230	$25 \cdot 2^{5658915} - 1$	1703505	L1884	21	
231	$41 \cdot 2^{5651731} + 1$	1701343	L1204	20	
232	$3060772^{262144} + 1$	1700222	L4649	17	Generalized Fermat
233	$9 \cdot 2^{5642513} + 1$	1698567	L3432	13	
234	$10 \cdot 3^{3550446} + 1$	1693995	L4965	20	
235	$2622 \cdot 11^{1621920} - 1$	1689060	L2054	15	
236	$2676404^{262144} + 1$	1684945	L4591	17	Generalized Fermat
237	$301562 \cdot 5^{2408646} - 1$	1683577	L4675	17	
238	$2611294^{262144} + 1$	1682141	L4250	17	Generalized Fermat
239	$171362 \cdot 5^{2400996} - 1$	1678230	L4669	17	
240	$2514168^{262144} + 1$	1677825	L4564	17	Generalized Fermat
241	$31 \cdot 2^{5560820} + 1$	1673976	L1204	20	Divides $GF(5560819, 6)$
242	$13 \cdot 2^{5523860} + 1$	1662849	L1204	20	Divides Fermat $F(5523858)$
243	$252191 \cdot 2^{5497878} - 1$	1655032	L3183	12	
244	$2042774^{262144} + 1$	1654187	L4499	16	Generalized Fermat
245	$1828858^{262144} + 1$	1641593	L4200	16	Generalized Fermat
246	$258317 \cdot 2^{5450519} + 1$	1640776	g414	08	
247	$7 \cdot 6^{2104746} + 1$	1637812	L4965	19	
248	$5 \cdot 2^{5429494} - 1$	1634442	L3345	17	
249	$43 \cdot 2^{5408183} - 1$	1628027	L1884	18	
250	$1615588^{262144} + 1$	1627477	L4200	16	Generalized Fermat
251	$1349 \cdot 2^{5385004} - 1$	1621051	L1828	17	
252	$1488256^{262144} + 1$	1618131	L4249	16	Generalized Fermat
253	$1415198^{262144} + 1$	1612400	L4308	16	Generalized Fermat
254	$45 \cdot 2^{5308037} + 1$	1597881	L4761	19	
255	$\Phi(3, -1082083^{131072})$	1581846	L4506	17	Generalized unique
256	$7 \cdot 2^{5229669} - 1$	1574289	L4965	21	
257	$180062 \cdot 5^{2249192} - 1$	1572123	L4435	16	
258	$124125 \cdot 6^{2018254} + 1$	1570512	L4001	19	
259	$27 \cdot 2^{5213635} + 1$	1569462	L3760	15	
260	$9992 \cdot 10^{1567410} - 1$	1567414	L4879	20	Near-repdigit
261	$\Phi(3, -843575^{131072})$	1553498	L4506	17	Generalized unique
262	$25 \cdot 2^{5152151} - 1$	1550954	L1884	20	

rank	description	digits	who	year	comment
263	$53546 \cdot 5^{2216664} - 1$	1549387	L4398	16	
264	$773620^{262144} + 1$	1543643	L3118	12	Generalized Fermat
265	$39 \cdot 2^{5119458} + 1$	1541113	L1204	19	
266	$607 \cdot 26^{1089034} + 1$	1540957	L5410	21	
267	$223 \cdot 2^{5105835} - 1$	1537012	L2484	19	
268	$99 \cdot 10^{1536527} - 1$	1536529	L4879	19	Near-repdigit
269	$992 \cdot 10^{1533933} - 1$	1533936	L4879	19	Near-repdigit
270	$51 \cdot 2^{5085142} - 1$	1530782	L760	14	
271	$3 \cdot 2^{5082306} + 1$	1529928	L780	09	Divides $GF(5082303, 3)$, $GF(5082305, 5)$
272	$676754^{262144} + 1$	1528413	L2975	12	Generalized Fermat
273	$296024 \cdot 5^{2185270} - 1$	1527444	L671	16	
274	$5359 \cdot 2^{5054502} + 1$	1521561	SB6	03	
275	$13 \cdot 2^{4998362} + 1$	1504659	L3917	14	
276	$525094^{262144} + 1$	1499526	p338	12	Generalized Fermat
277	$92158 \cdot 5^{2145024} + 1$	1499313	L4348	16	
278	$499238 \cdot 10^{1497714} - 1$	1497720	L4976	19	Generalized Woodall
279	$77072 \cdot 5^{2139921} + 1$	1495746	L4340	16	
280	$2 \cdot 3^{3123036} + 1$	1490068	L5043	20	
281	$306398 \cdot 5^{2112410} - 1$	1476517	L4274	16	
282	$265711 \cdot 2^{4858008} + 1$	1462412	g414	08	
283	$154222 \cdot 5^{2091432} + 1$	1461854	L3523	15	
284	$1271 \cdot 2^{4850526} - 1$	1460157	L1828	12	
285	$Phi(3, -362978^{131072})$	1457490	p379	15	Generalized unique
286	$361658^{262144} + 1$	1457075	p332	11	Generalized Fermat
287	$100186 \cdot 5^{2079747} - 1$	1453686	L4197	15	
288	$15 \cdot 2^{4800315} + 1$	1445040	L1754	19	Divides $GF(4800313, 3)$, $GF(4800310, 5)$
289	$2^{4792057} - 2^{2396029} + 1$	1442553	L3839	14	Gaussian Mersenne norm 40?, generalized unique
290	$92 \cdot 10^{1439761} - 1$	1439763	L4789	20	Near-repdigit
291	$653 \cdot 10^{1435026} - 1$	1435029	p355	14	
292	$197 \cdot 2^{4765318} - 1$	1434506	L5175	21	
293	$188 \cdot 468^{535963} + 1$	1431156	L4832	19	
294	$3267113\# - 1$	1418398	p301	21	Primorial
295	$100 \cdot 406^{543228} + 1$	1417027	L5410	20	Generalized Fermat
296	$1229 \cdot 2^{4703492} - 1$	1415896	L1828	18	
297	$144052 \cdot 5^{2018290} + 1$	1410730	L4146	15	
298	$195 \cdot 2^{4685711} - 1$	1410542	L5175	21	
299	$9 \cdot 2^{4683555} - 1$	1409892	L1828	12	
300	$31 \cdot 2^{4673544} + 1$	1406879	L4990	19	
301	$34 \cdot 993^{469245} + 1$	1406305	L4806	18	
302	$79 \cdot 2^{4658115} - 1$	1402235	L1884	18	
303	$39 \cdot 2^{4657951} + 1$	1402185	L1823	19	
304	$4 \cdot 650^{498101} - 1$	1401116	L4294	21	
305	$11 \cdot 2^{4643238} - 1$	1397755	L2484	14	
306	$68 \cdot 995^{465908} - 1$	1396712	L4001	17	
307	$7 \cdot 6^{1793775} + 1$	1395830	L4965	19	

rank	description	digits	who	year	comment
308	$\Phi(3, -192098^{131072})$	1385044	p379	15	Generalized unique
309	$27 \cdot 2^{4583717} - 1$	1379838	L2992	14	
310	$121 \cdot 2^{4553899} - 1$	1370863	L3023	12	
311	$27 \cdot 2^{4542344} - 1$	1367384	L1204	14	
312	$29 \cdot 2^{4532463} + 1$	1364409	L4988	19	
313	$4 \cdot 797^{468702} + 1$	1359920	L4548	17	Generalized Fermat
314	$145310^{262144} + 1$	1353265	p314	11	Generalized Fermat
315	$25 \cdot 2^{4481024} + 1$	1348925	L4364	19	Generalized Fermat
316	$2 \cdot 1283^{432757} + 1$	1345108	L4879	19	Divides $\Phi(1283^{432757}, 2)$
317	$36772 \cdot 6^{1723287} - 1$	1340983	L1301	14	
318	$583854 \cdot 14^{1167708} - 1$	1338349	L4976	19	Generalized Woodall
319	$151 \cdot 2^{4424321} - 1$	1331856	L1884	16	
320	$195 \cdot 2^{4373994} - 1$	1316706	L5175	20	
321	$49 \cdot 2^{4365175} - 1$	1314051	L1959	17	
322	$49 \cdot 2^{4360869} - 1$	1312755	L1959	17	
323	$13 \cdot 2^{4333087} - 1$	1304391	L1862	18	
324	$353159 \cdot 2^{4331116} - 1$	1303802	L2408	11	
325	$23 \cdot 2^{4300741} + 1$	1294654	L4147	19	
326	$682156 \cdot 79^{682156} + 1$	1294484	L4472	16	Generalized Cullen
327	$141941 \cdot 2^{4299438} - 1$	1294265	L689	11	
328	$2 \cdot 1151^{417747} + 1$	1278756	L4879	19	Divides $\Phi(1151^{417747}, 2)$
329	$15 \cdot 2^{4246384} + 1$	1278291	L3432	13	Divides $GF(4246381, 6)$
330	$3 \cdot 2^{4235414} - 1$	1274988	L606	08	
331	$2 \cdot 1259^{411259} + 1$	1274914	L4879	20	Divides $\Phi(1259^{411259}, 2)$
332	$45 \cdot 436^{481613} + 1$	1271213	L5410	20	
333	$109208 \cdot 5^{1816285} + 1$	1269534	L3523	14	
334	$1091 \cdot 2^{4215518} - 1$	1269001	L1828	18	
335	$191 \cdot 2^{4203426} - 1$	1265360	L2484	12	
336	$1259 \cdot 2^{4196028} - 1$	1263134	L1828	16	
337	$325918 \cdot 5^{1803339} - 1$	1260486	L3567	14	
338	$133778 \cdot 5^{1785689} + 1$	1248149	L3903	14	
339	$17 \cdot 2^{4107544} - 1$	1236496	L4113	15	
340	$24032 \cdot 5^{1768249} + 1$	1235958	L3925	14	
341	$172 \cdot 159^{561319} - 1$	1235689	L4001	17	
342	$10^{1234567} - 20342924302 \cdot 10^{617278} - 1$	1234567	p423	21	Palindrome
343	$10^{1234567} - 3626840486263 \cdot 10^{617277} - 1$	1234567	p423	21	Palindrome
344	$10^{1234567} - 4708229228074 \cdot 10^{617277} - 1$	1234567	p423	21	Palindrome
345	$64 \cdot 425^{467857} - 1$	1229712	p268	21	
346	$97 \cdot 2^{4066717} - 1$	1224206	L2484	19	
347	$1031 \cdot 2^{4054974} - 1$	1220672	L1828	17	
348	$37 \cdot 2^{4046360} + 1$	1218078	L2086	19	
349	$39653 \cdot 430^{460397} - 1$	1212446	L4187	16	
350	$40734^{262144} + 1$	1208473	p309	11	Generalized Fermat
351	$9 \cdot 2^{4005979} - 1$	1205921	L1828	12	
352	$12 \cdot 68^{656921} + 1$	1203815	L4001	16	
353	$67 \cdot 688^{423893} + 1$	1202836	L4001	17	
354	$1993191 \cdot 2^{3986382} - 1$	1200027	L3532	15	Generalized Woodall
355	$138172 \cdot 5^{1714207} - 1$	1198185	L3904	14	

rank	description	digits	who	year	comment
356	$50 \cdot 383^{463313} + 1$	1196832	L2012	21	
357	$\text{Phi}(3, -1202113^{98304})$	1195366	L4506	16	Generalized unique
358	$29 \cdot 2^{3964697} + 1$	1193495	L1204	19	
359	$39 \cdot 2^{3961129} + 1$	1192421	L1486	19	
360	$\text{Phi}(3, -1110815^{98304})$	1188622	L4506	16	Generalized unique
361	$22478 \cdot 5^{1675150} - 1$	1170884	L3903	14	
362	$1199 \cdot 2^{3889576} - 1$	1170883	L1828	18	
363	$298989 \cdot 2^{3886857} + 1$	1170067	L2777	14	Generalized Cullen
364	$94 \cdot 872^{397354} + 1$	1168428	L5410	19	
365	$27 \cdot 2^{3855094} - 1$	1160501	L3033	12	
366	$164 \cdot 978^{387920} - 1$	1160015	L4700	18	
367	$49 \cdot 2^{3837090} + 1$	1155081	L4979	19	Generalized Fermat
368	$2 \cdot 839^{394257} + 1$	1152714	L4879	19	Divides $\text{Phi}(839^{394257}, 2)$
369	$30 \cdot 514^{424652} - 1$	1151218	L4001	17	
370	$24518^{262144} + 1$	1150678	g413	08	Generalized Fermat
371	$\text{Phi}(3, -700219^{98304})$	1149220	L4506	16	Generalized unique
372	$241 \cdot 2^{3815727} - 1$	1148651	L2484	19	
373	$109 \cdot 980^{383669} - 1$	1147643	L4001	18	
374	$123547 \cdot 2^{3804809} - 1$	1145367	L2371	11	
375	$2564 \cdot 75^{610753} + 1$	1145203	L3610	14	
376	$\text{Phi}(3, -660955^{98304})$	1144293	L4506	16	Generalized unique
377	$166 \cdot 443^{432000} + 1$	1143249	L5410	20	
378	$326834 \cdot 5^{1634978} - 1$	1142807	L3523	14	
379	$43 \cdot 182^{502611} - 1$	1135939	L4064	20	
380	$415267 \cdot 2^{3771929} - 1$	1135470	L2373	11	
381	$11 \cdot 2^{3771821} + 1$	1135433	p286	13	
382	$265 \cdot 2^{3765189} - 1$	1133438	L2484	18	
383	$938237 \cdot 2^{3752950} - 1$	1129757	L521	07	Woodall
384	$399866798^{131072} + 1$	1127471	L4964	19	Generalized Fermat
385	$207394 \cdot 5^{1612573} - 1$	1127146	L3869	14	
386	$684 \cdot 10^{1127118} + 1$	1127121	L4036	17	
387	$\text{Phi}(3, -535386^{98304})$	1126302	L4506	16	Generalized unique
388	$104944 \cdot 5^{1610735} - 1$	1125861	L3849	14	
389	$23451 \cdot 2^{3739388} + 1$	1125673	L591	15	
390	$25 \cdot 2^{3733144} + 1$	1123790	L2125	19	Generalized Fermat
391	$2 \cdot 1103^{368361} + 1$	1120767	L4879	19	Divides $\text{Phi}(1103^{368361}, 2)$
392	$2 \cdot 131^{528469} + 1$	1118913	L4879	19	Divides $\text{Phi}(131^{528469}, 2)$
393	$2^{3704053} + 2^{1852027} + 1$	1115032	L3839	14	Gaussian Mersenne norm 39?, generalized unique
394	$314187728^{131072} + 1$	1113744	L4704	19	Generalized Fermat
395	$119 \cdot 2^{3698412} - 1$	1113336	L2484	18	
396	$330286 \cdot 5^{1584399} - 1$	1107453	L3523	14	
397	$34 \cdot 951^{371834} - 1$	1107391	L5410	19	
398	$45 \cdot 2^{3677787} + 1$	1107126	L1204	19	
399	$13 \cdot 2^{3675223} - 1$	1106354	L1862	16	
400	$271643232^{131072} + 1$	1105462	L4704	19	Generalized Fermat
401	$15 \cdot 2^{3668194} - 1$	1104238	L3665	13	
402	$13 \cdot 2^{3664703} - 1$	1103187	L1862	16	

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403	$\text{Phi}(3, -406515^{98304})$	1102790	L4506	16	Generalized unique
404	$118 \cdot 892^{373012} + 1$	1100524	L5071	20	
405	$33300 \cdot 430^{417849} - 1$	1100397	L4393	16	
406	$33 \cdot 2^{3649810} + 1$	1098704	L4958	19	
407	$989 \cdot 2^{3640585} + 1$	1095929	L5115	20	
408	$567 \cdot 2^{3639287} + 1$	1095538	L4959	19	
409	$639 \cdot 2^{3635707} + 1$	1094460	L1823	19	
410	$753 \cdot 2^{3631472} + 1$	1093185	L1823	19	
411	$65531 \cdot 2^{3629342} - 1$	1092546	L2269	11	
412	$1121 \cdot 2^{3629201} + 1$	1092502	L4761	19	
413	$215 \cdot 2^{3628962} - 1$	1092429	L2484	18	
414	$113 \cdot 2^{3628034} - 1$	1092150	L2484	14	
415	$1175 \cdot 2^{3627541} + 1$	1092002	L4840	19	
416	$2 \cdot 431^{414457} + 1$	1091878	L4879	19	Divides $\text{Phi}(431^{414457}, 2)$
417	$951 \cdot 2^{3623185} + 1$	1090691	L1823	19	
418	$29 \cdot 920^{367810} - 1$	1090113	L4064	15	
419	$14641 \cdot 2^{3618876} + 1$	1089395	L181	18	Generalized Fermat
420	$485 \cdot 2^{3618563} + 1$	1089299	L3924	19	
421	$95 \cdot 2^{3614033} + 1$	1087935	L1474	19	
422	$1005 \cdot 2^{3612300} + 1$	1087414	L1823	19	
423	$861 \cdot 2^{3611815} + 1$	1087268	L1745	19	
424	$1087 \cdot 2^{3611476} + 1$	1087166	L4834	19	
425	$485767 \cdot 2^{3609357} - 1$	1086531	L622	08	
426	$675 \cdot 2^{3606447} + 1$	1085652	L3278	19	
427	$669 \cdot 2^{3606266} + 1$	1085598	L1675	19	
428	$65077 \cdot 2^{3605944} + 1$	1085503	L4685	20	
429	$851 \cdot 2^{3604395} + 1$	1085034	L2125	19	
430	$1143 \cdot 2^{3602429} + 1$	1084443	L4754	19	
431	$1183 \cdot 2^{3601898} + 1$	1084283	L1823	19	
432	$189 \cdot 2^{3596375} + 1$	1082620	L3760	16	
433	$1089 \cdot 2^{3593267} + 1$	1081685	L3035	19	
434	$1101 \cdot 2^{3589103} + 1$	1080431	L1823	19	
435	$35 \cdot 2^{3587843} + 1$	1080050	L1979	14	Divides $GF(3587841, 5)$
436	$275 \cdot 2^{3585539} + 1$	1079358	L3803	16	
437	$2 \cdot 59^{608685} + 1$	1077892	g427	14	Divides $\text{Phi}(59^{608685}, 2)$
438	$651 \cdot 2^{3579843} + 1$	1077643	L3035	18	
439	$583 \cdot 2^{3578402} + 1$	1077210	L3035	18	
440	$309 \cdot 2^{3577339} + 1$	1076889	L4406	16	
441	$1185 \cdot 2^{3574583} + 1$	1076060	L4851	18	
442	$251 \cdot 2^{3574535} + 1$	1076045	L3035	16	
443	$1019 \cdot 2^{3571635} + 1$	1075173	L1823	18	
444	$119 \cdot 2^{3571416} - 1$	1075106	L2484	18	
445	$35 \cdot 2^{3570777} + 1$	1074913	L2891	14	
446	$33 \cdot 2^{3570132} + 1$	1074719	L2552	14	
447	$5 \cdot 2^{3569154} - 1$	1074424	L503	09	
448	$81 \cdot 492^{399095} - 1$	1074352	L4001	15	
449	$22934 \cdot 5^{1536762} - 1$	1074155	L3789	14	
450	$265 \cdot 2^{3564373} - 1$	1072986	L2484	18	

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451	$771 \cdot 2^{3564109} + 1$	1072907	L2125	18	
452	$381 \cdot 2^{3563676} + 1$	1072776	L4190	16	
453	$555 \cdot 2^{3563328} + 1$	1072672	L4850	18	
454	$1183 \cdot 2^{3560584} + 1$	1071846	L1823	18	
455	$415 \cdot 2^{3559614} + 1$	1071554	L3035	16	
456	$1103 \cdot 2^{3558176} - 1$	1071121	L1828	18	
457	$1379 \cdot 2^{3557072} - 1$	1070789	L1828	18	
458	$681 \cdot 2^{3553141} + 1$	1069605	L3035	18	
459	$599 \cdot 2^{3551793} + 1$	1069200	L3824	18	
460	$621 \cdot 2^{3551472} + 1$	1069103	L4687	18	
461	$773 \cdot 2^{3550373} + 1$	1068772	L1808	18	
462	$1199 \cdot 2^{3548380} - 1$	1068172	L1828	18	
463	$191 \cdot 2^{3548117} + 1$	1068092	L4203	15	
464	$867 \cdot 2^{3547711} + 1$	1067971	L4155	18	
465	$Phi(3, 3^{1118781} + 1)/3$	1067588	L3839	14	Generalized unique
466	$351 \cdot 2^{3545752} + 1$	1067381	L4082	16	
467	$93 \cdot 2^{3544744} + 1$	1067077	L1728	14	
468	$1159 \cdot 2^{3543702} + 1$	1066764	L1823	18	
469	$178658 \cdot 5^{1525224} - 1$	1066092	L3789	14	
470	$1085 \cdot 2^{3539671} + 1$	1065551	L3035	18	
471	$465 \cdot 2^{3536871} + 1$	1064707	L4459	16	
472	$1019 \cdot 2^{3536312} - 1$	1064539	L1828	12	
473	$1179 \cdot 2^{3534450} + 1$	1063979	L3035	18	
474	$447 \cdot 2^{3533656} + 1$	1063740	L4457	16	
475	$1059 \cdot 2^{3533550} + 1$	1063708	L1823	18	
476	$345 \cdot 2^{3532957} + 1$	1063529	L4314	16	
477	$553 \cdot 2^{3532758} + 1$	1063469	L1823	18	
478	$141 \cdot 2^{3529287} + 1$	1062424	L4185	15	
479	$13 \cdot 2^{3527315} - 1$	1061829	L1862	16	
480	$1393 \cdot 2^{3525571} - 1$	1061306	L1828	17	
481	$1071 \cdot 2^{3523944} + 1$	1060816	L1675	18	
482	$329 \cdot 2^{3518451} + 1$	1059162	L1823	16	
483	$135 \cdot 2^{3518338} + 1$	1059128	L4045	15	
484	$2 \cdot 10^{1059002} - 1$	1059003	L3432	13	Near-repdigit
485	$64 \cdot 10^{1058794} + 1$	1058796	L4036	17	Generalized Fermat
486	$599 \cdot 2^{3515959} + 1$	1058412	L1823	18	
487	$7 \cdot 2^{3511774} + 1$	1057151	p236	08	Divides $GF(3511773, 6)$
488	$1135 \cdot 2^{3510890} + 1$	1056887	L1823	18	
489	$428639 \cdot 2^{3506452} - 1$	1055553	L2046	11	
490	$104 \cdot 383^{408249} + 1$	1054591	L2012	21	
491	$555 \cdot 2^{3502765} + 1$	1054441	L1823	18	
492	$643 \cdot 2^{3501974} + 1$	1054203	L1823	18	
493	$2 \cdot 23^{774109} + 1$	1054127	g427	14	Divides $Phi(23^{774109}, 2)$
494	$1159 \cdot 2^{3501490} + 1$	1054057	L2125	18	
495	$1189 \cdot 2^{3499042} + 1$	1053320	L4724	18	
496	$609 \cdot 2^{3497474} + 1$	1052848	L1823	18	
497	$9 \cdot 2^{3497442} + 1$	1052836	L1780	12	Generalized Fermat, divides $GF(3497441, 10)$

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498	$87 \cdot 2^{3496188} + 1$	1052460	L1576	14	
499	$783 \cdot 2^{3494129} + 1$	1051841	L3824	18	
500	$51 \cdot 2^{3490971} + 1$	1050889	L1823	14	
501	$1485 \cdot 2^{3490746} + 1$	1050823	L1134	21	
502	$753 \cdot 2^{3488818} + 1$	1050242	L1823	18	
503	$699 \cdot 2^{3487253} + 1$	1049771	L1204	18	
504	$249 \cdot 2^{3486411} + 1$	1049517	L4045	15	
505	$195 \cdot 2^{3486379} + 1$	1049507	L4108	15	
506	$59912 \cdot 5^{1500861} + 1$	1049062	L3772	14	
507	$495 \cdot 2^{3484656} + 1$	1048989	L3035	16	
508	$323 \cdot 2^{3482789} + 1$	1048427	L1204	16	
509	$1149 \cdot 2^{3481694} + 1$	1048098	L1823	18	
510	$701 \cdot 2^{3479779} + 1$	1047521	L2125	18	
511	$813 \cdot 2^{3479728} + 1$	1047506	L4724	18	
512	$197 \cdot 2^{3477399} + 1$	1046804	L2125	15	
513	$491 \cdot 2^{3473837} + 1$	1045732	L4343	16	
514	$94978760^{131072} + 1$	1045644	L4201	21	Generalized Fermat
515	$93950924^{131072} + 1$	1045025	L5425	21	Generalized Fermat
516	$93886318^{131072} + 1$	1044985	L5433	21	Generalized Fermat
517	$1061 \cdot 2^{3471354} - 1$	1044985	L1828	17	
518	$93773904^{131072} + 1$	1044917	L4939	21	Generalized Fermat
519	$93514592^{131072} + 1$	1044760	L4591	21	Generalized Fermat
520	$93035888^{131072} + 1$	1044467	L4245	21	Generalized Fermat
521	$92460588^{131072} + 1$	1044114	L5254	21	Generalized Fermat
522	$92198216^{131072} + 1$	1043953	L4738	21	Generalized Fermat
523	$91767880^{131072} + 1$	1043686	L5051	21	Generalized Fermat
524	$91707732^{131072} + 1$	1043649	L4591	21	Generalized Fermat
525	$91689894^{131072} + 1$	1043638	L4591	21	Generalized Fermat
526	$91685784^{131072} + 1$	1043635	L4591	21	Generalized Fermat
527	$91655310^{131072} + 1$	1043616	L4659	21	Generalized Fermat
528	$91069366^{131072} + 1$	1043251	L5277	21	Generalized Fermat
529	$91049202^{131072} + 1$	1043239	L4591	21	Generalized Fermat
530	$91033554^{131072} + 1$	1043229	L4591	21	Generalized Fermat
531	$90942952^{131072} + 1$	1043172	L4387	21	Generalized Fermat
532	$90938686^{131072} + 1$	1043170	L4387	21	Generalized Fermat
533	$90857490^{131072} + 1$	1043119	L4591	21	Generalized Fermat
534	$90382348^{131072} + 1$	1042820	L4267	21	Generalized Fermat
535	$641 \cdot 2^{3464061} + 1$	1042790	L1444	18	
536	$90006846^{131072} + 1$	1042583	L4773	21	Generalized Fermat
537	$89977312^{131072} + 1$	1042565	L5070	21	Generalized Fermat
538	$89790434^{131072} + 1$	1042446	L5007	21	Generalized Fermat
539	$89285798^{131072} + 1$	1042125	L5157	21	Generalized Fermat
540	$453 \cdot 2^{3461688} + 1$	1042075	L3035	16	
541	$89113896^{131072} + 1$	1042016	L5338	21	Generalized Fermat
542	$88760062^{131072} + 1$	1041789	L4903	21	Generalized Fermat
543	$571 \cdot 2^{3460216} + 1$	1041632	L3035	18	
544	$88243020^{131072} + 1$	1041457	L4774	21	Generalized Fermat
545	$88166868^{131072} + 1$	1041408	L5277	21	Generalized Fermat

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546	$88068088^{131072} + 1$	1041344	L4933	21	Generalized Fermat
547	$87920992^{131072} + 1$	1041249	L4249	21	Generalized Fermat
548	$87547832^{131072} + 1$	1041006	L4591	21	Generalized Fermat
549	$87454694^{131072} + 1$	1040946	L4672	21	Generalized Fermat
550	$87370574^{131072} + 1$	1040891	L5297	21	Generalized Fermat
551	$87352356^{131072} + 1$	1040879	L4387	21	Generalized Fermat
552	$87268788^{131072} + 1$	1040825	L4917	21	Generalized Fermat
553	$87192538^{131072} + 1$	1040775	L4861	21	Generalized Fermat
554	$87116452^{131072} + 1$	1040725	L5297	21	Generalized Fermat
555	$87039658^{131072} + 1$	1040675	L5297	21	Generalized Fermat
556	$86829162^{131072} + 1$	1040537	L5265	21	Generalized Fermat
557	$86413544^{131072} + 1$	1040264	L4914	21	Generalized Fermat
558	$86347638^{131072} + 1$	1040221	L4848	21	Generalized Fermat
559	$86295564^{131072} + 1$	1040186	L5030	21	Generalized Fermat
560	$1155 \cdot 2^{3455254} + 1$	1040139	L4711	17	
561	$37292 \cdot 5^{1487989} + 1$	1040065	L3553	13	
562	$86060696^{131072} + 1$	1040031	L5057	21	Generalized Fermat
563	$85115888^{131072} + 1$	1039403	L4909	21	Generalized Fermat
564	$84924212^{131072} + 1$	1039275	L4309	21	Generalized Fermat
565	$84817722^{131072} + 1$	1039203	L4726	21	Generalized Fermat
566	$84765338^{131072} + 1$	1039168	L4245	21	Generalized Fermat
567	$84757790^{131072} + 1$	1039163	L5051	21	Generalized Fermat
568	$84723284^{131072} + 1$	1039140	L5051	21	Generalized Fermat
569	$84715930^{131072} + 1$	1039135	L4963	21	Generalized Fermat
570	$84679936^{131072} + 1$	1039111	L4864	21	Generalized Fermat
571	$84445014^{131072} + 1$	1038952	L4909	21	Generalized Fermat
572	$84384358^{131072} + 1$	1038912	L4622	21	Generalized Fermat
573	$84149050^{131072} + 1$	1038753	L5033	21	Generalized Fermat
574	$83364886^{131072} + 1$	1038220	L4591	21	Generalized Fermat
575	$83328182^{131072} + 1$	1038195	L5051	21	Generalized Fermat
576	$1273 \cdot 2^{3448551} - 1$	1038121	L1828	12	
577	$83003850^{131072} + 1$	1037973	L4963	21	Generalized Fermat
578	$1065 \cdot 2^{3447906} + 1$	1037927	L4664	17	
579	$1155 \cdot 2^{3446253} + 1$	1037429	L3035	17	
580	$82008736^{131072} + 1$	1037286	L4963	21	Generalized Fermat
581	$82003030^{131072} + 1$	1037282	L4410	21	Generalized Fermat
582	$81976506^{131072} + 1$	1037264	L4249	21	Generalized Fermat
583	$81477176^{131072} + 1$	1036916	L4245	20	Generalized Fermat
584	$81444036^{131072} + 1$	1036893	L4245	20	Generalized Fermat
585	$81096098^{131072} + 1$	1036649	L4249	20	Generalized Fermat
586	[Long prime 586]	1036620	p384	15	
587	$943 \cdot 2^{3442990} + 1$	1036447	L4687	17	
588	$80284312^{131072} + 1$	1036076	L5051	20	Generalized Fermat
589	$80146408^{131072} + 1$	1035978	L5051	20	Generalized Fermat
590	$79912550^{131072} + 1$	1035812	L5186	20	Generalized Fermat
591	$79801426^{131072} + 1$	1035733	L4245	20	Generalized Fermat
592	$79789806^{131072} + 1$	1035725	L4658	20	Generalized Fermat
593	$943 \cdot 2^{3440196} + 1$	1035606	L1448	17	

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594	$79485098^{131072} + 1$	1035507	L5130	20	Generalized Fermat
595	$79428414^{131072} + 1$	1035466	L4793	20	Generalized Fermat
596	$79383608^{131072} + 1$	1035434	L4387	20	Generalized Fermat
597	$79201682^{131072} + 1$	1035303	L5051	20	Generalized Fermat
598	$543 \cdot 2^{3438810} + 1$	1035188	L3035	17	
599	$625 \cdot 2^{3438572} + 1$	1035117	L1355	17	Generalized Fermat
600	$78910032^{131072} + 1$	1035093	L5051	20	Generalized Fermat
601	$78880690^{131072} + 1$	1035072	L5159	20	Generalized Fermat
602	$78851276^{131072} + 1$	1035051	L4928	20	Generalized Fermat
603	$78714954^{131072} + 1$	1034953	L5130	20	Generalized Fermat
604	$74 \cdot 941^{348034} - 1$	1034913	L5410	20	
605	$78439440^{131072} + 1$	1034753	L5051	20	Generalized Fermat
606	$113 \cdot 2^{3437145} + 1$	1034686	L4045	15	
607	$78240016^{131072} + 1$	1034608	L4245	20	Generalized Fermat
608	$78089172^{131072} + 1$	1034498	L4245	20	Generalized Fermat
609	$77924964^{131072} + 1$	1034378	L5051	20	Generalized Fermat
610	$77918854^{131072} + 1$	1034374	L4760	20	Generalized Fermat
611	$1147 \cdot 2^{3435970} + 1$	1034334	L3035	17	
612	$77469882^{131072} + 1$	1034045	L4591	20	Generalized Fermat
613	$77281404^{131072} + 1$	1033906	L4963	20	Generalized Fermat
614	$911 \cdot 2^{3432643} + 1$	1033332	L1355	17	
615	$76416048^{131072} + 1$	1033265	L4672	20	Generalized Fermat
616	$76026988^{131072} + 1$	1032975	L5094	20	Generalized Fermat
617	$76018874^{131072} + 1$	1032969	L4774	20	Generalized Fermat
618	$75861530^{131072} + 1$	1032851	L5053	20	Generalized Fermat
619	$75647276^{131072} + 1$	1032690	L4677	20	Generalized Fermat
620	$75521414^{131072} + 1$	1032595	L4584	20	Generalized Fermat
621	$74833516^{131072} + 1$	1032074	L5102	20	Generalized Fermat
622	$74817490^{131072} + 1$	1032062	L4591	20	Generalized Fermat
623	$74396818^{131072} + 1$	1031741	L4791	20	Generalized Fermat
624	$74381296^{131072} + 1$	1031729	L4550	20	Generalized Fermat
625	$74363146^{131072} + 1$	1031715	L4898	20	Generalized Fermat
626	$1127 \cdot 2^{3427219} + 1$	1031699	L3035	17	
627	$74325990^{131072} + 1$	1031687	L5024	20	Generalized Fermat
628	$73839292^{131072} + 1$	1031313	L4550	20	Generalized Fermat
629	$159 \cdot 2^{3425766} + 1$	1031261	L4045	15	
630	$73690464^{131072} + 1$	1031198	L4884	20	Generalized Fermat
631	$73404316^{131072} + 1$	1030976	L5011	20	Generalized Fermat
632	$73160610^{131072} + 1$	1030787	L4550	20	Generalized Fermat
633	$73132228^{131072} + 1$	1030765	L4905	20	Generalized Fermat
634	$73099962^{131072} + 1$	1030740	L5068	20	Generalized Fermat
635	$72602370^{131072} + 1$	1030351	L4201	20	Generalized Fermat
636	$1119 \cdot 2^{3422189} + 1$	1030185	L1355	17	
637	$72070092^{131072} + 1$	1029932	L4201	20	Generalized Fermat
638	$1005 \cdot 2^{3420846} + 1$	1029781	L2714	17	Divides $GF(3420844, 10)$
639	$71732900^{131072} + 1$	1029665	L5053	20	Generalized Fermat
640	$71679108^{131072} + 1$	1029623	L5072	20	Generalized Fermat
641	$93 \cdot 10^{1029523} - 1$	1029525	L4789	19	Near-repdigit

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642	$71450224^{131072} + 1$	1029440	L5029	20	Generalized Fermat
643	$975 \cdot 2^{3419230} + 1$	1029294	L3545	17	
644	$999 \cdot 2^{3418885} + 1$	1029190	L3035	17	
645	$70960658^{131072} + 1$	1029049	L5039	20	Generalized Fermat
646	$70948704^{131072} + 1$	1029039	L4660	20	Generalized Fermat
647	$70934282^{131072} + 1$	1029028	L5067	20	Generalized Fermat
648	$70893680^{131072} + 1$	1028995	L5063	20	Generalized Fermat
649	$907 \cdot 2^{3417890} + 1$	1028891	L3035	17	
650	$191249 \cdot 2^{3417696} - 1$	1028835	L1949	10	
651	$70658696^{131072} + 1$	1028806	L5051	20	Generalized Fermat
652	$70421038^{131072} + 1$	1028615	L4984	20	Generalized Fermat
653	$70050828^{131072} + 1$	1028315	L5021	20	Generalized Fermat
654	$70022042^{131072} + 1$	1028291	L4201	20	Generalized Fermat
655	$69915032^{131072} + 1$	1028204	L4591	20	Generalized Fermat
656	$69742382^{131072} + 1$	1028063	L5053	20	Generalized Fermat
657	$69689592^{131072} + 1$	1028020	L4387	20	Generalized Fermat
658	$69622572^{131072} + 1$	1027965	L4909	20	Generalized Fermat
659	$69565722^{131072} + 1$	1027919	L4387	20	Generalized Fermat
660	$69534788^{131072} + 1$	1027894	L5029	20	Generalized Fermat
661	$68999820^{131072} + 1$	1027454	L5044	20	Generalized Fermat
662	$68924112^{131072} + 1$	1027391	L4745	20	Generalized Fermat
663	$68918852^{131072} + 1$	1027387	L5021	20	Generalized Fermat
664	$68811158^{131072} + 1$	1027298	L4245	20	Generalized Fermat
665	$479 \cdot 2^{3411975} + 1$	1027110	L2873	16	
666	$245 \cdot 2^{3411973} + 1$	1027109	L1935	15	
667	$177 \cdot 2^{3411847} + 1$	1027071	L4031	15	
668	$68536972^{131072} + 1$	1027071	L5027	20	Generalized Fermat
669	$68372810^{131072} + 1$	1026934	L4956	20	Generalized Fermat
670	$68275006^{131072} + 1$	1026853	L4963	20	Generalized Fermat
671	$67894288^{131072} + 1$	1026535	L5025	20	Generalized Fermat
672	$113 \cdot 2^{3409934} - 1$	1026495	L2484	14	
673	$67725850^{131072} + 1$	1026393	L5029	20	Generalized Fermat
674	$1981 \cdot 910^{346850} + 1$	1026347	L1141	21	
675	$67371416^{131072} + 1$	1026094	L4550	20	Generalized Fermat
676	$59 \cdot 2^{3408416} - 1$	1026038	L426	10	
677	$66982940^{131072} + 1$	1025765	L4249	20	Generalized Fermat
678	$66901180^{131072} + 1$	1025696	L5018	20	Generalized Fermat
679	$953 \cdot 2^{3405729} + 1$	1025230	L3035	17	
680	$66272848^{131072} + 1$	1025159	L5013	20	Generalized Fermat
681	$66131722^{131072} + 1$	1025037	L4530	20	Generalized Fermat
682	$373 \cdot 2^{3404702} + 1$	1024921	L3924	16	
683	$65791182^{131072} + 1$	1024743	L4623	19	Generalized Fermat
684	$833 \cdot 2^{3403765} + 1$	1024639	L3035	17	
685	$65569854^{131072} + 1$	1024552	L4210	19	Generalized Fermat
686	$65305572^{131072} + 1$	1024322	L5001	19	Generalized Fermat
687	$65200798^{131072} + 1$	1024230	L4999	19	Generalized Fermat
688	$64911056^{131072} + 1$	1023977	L4870	19	Generalized Fermat
689	$64791668^{131072} + 1$	1023872	L4905	19	Generalized Fermat

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690	$24 \cdot 414^{391179} + 1$	1023717	L4273	16	
691	$64568930^{131072} + 1$	1023676	L4977	19	Generalized Fermat
692	$64506894^{131072} + 1$	1023621	L4977	19	Generalized Fermat
693	$64476916^{131072} + 1$	1023595	L4997	19	Generalized Fermat
694	$1167 \cdot 2^{3399748} + 1$	1023430	L3545	17	
695	$64024604^{131072} + 1$	1023194	L4591	19	Generalized Fermat
696	$63823568^{131072} + 1$	1023015	L4585	19	Generalized Fermat
697	$611 \cdot 2^{3398273} + 1$	1022985	L3035	17	
698	$4 \cdot 3^{2143374} + 1$	1022650	L4965	20	Generalized Fermat
699	$63168480^{131072} + 1$	1022428	L4861	19	Generalized Fermat
700	$63165756^{131072} + 1$	1022425	L4987	19	Generalized Fermat
701	$63112418^{131072} + 1$	1022377	L4201	19	Generalized Fermat
702	$255 \cdot 2^{3395661} + 1$	1022199	L3898	14	
703	$1049 \cdot 2^{3395647} + 1$	1022195	L3035	17	
704	$342924651 \cdot 2^{3394939} - 1$	1021988	L4166	17	
705	$62276102^{131072} + 1$	1021618	L4715	19	Generalized Fermat
706	$555 \cdot 2^{3393389} + 1$	1021515	L2549	17	
707	$62146946^{131072} + 1$	1021500	L4720	19	Generalized Fermat
708	$61837354^{131072} + 1$	1021215	L4656	19	Generalized Fermat
709	$609 \cdot 2^{3392301} + 1$	1021188	L3035	17	
710	$303 \cdot 2^{3391977} + 1$	1021090	L2602	16	
711	$805 \cdot 2^{3391818} + 1$	1021042	L4609	17	
712	$67 \cdot 2^{3391385} - 1$	1020911	L1959	14	
713	$61267078^{131072} + 1$	1020688	L4923	19	Generalized Fermat
714	$663 \cdot 2^{3390469} + 1$	1020636	L4316	17	
715	$61030988^{131072} + 1$	1020468	L4898	19	Generalized Fermat
716	$60642326^{131072} + 1$	1020104	L4591	19	Generalized Fermat
717	$3329 \cdot 2^{3388472} - 1$	1020036	L4841	20	
718	$60540024^{131072} + 1$	1020008	L4591	19	Generalized Fermat
719	$60455792^{131072} + 1$	1019929	L4760	19	Generalized Fermat
720	$60133106^{131072} + 1$	1019624	L4942	19	Generalized Fermat
721	$453 \cdot 2^{3387048} + 1$	1019606	L2602	16	
722	$1605 \cdot 2^{3386229} + 1$	1019360	L5226	21	
723	$3765 \cdot 2^{3386141} + 1$	1019334	L5174	21	
724	$5379 \cdot 2^{3385806} + 1$	1019233	L5237	21	
725	$59720358^{131072} + 1$	1019232	L4656	19	Generalized Fermat
726	$59692546^{131072} + 1$	1019206	L4747	19	Generalized Fermat
727	$59515830^{131072} + 1$	1019037	L4737	19	Generalized Fermat
728	$173198 \cdot 5^{1457792} - 1$	1018959	L3720	13	
729	$59405420^{131072} + 1$	1018931	L4645	19	Generalized Fermat
730	$2109 \cdot 2^{3384733} + 1$	1018910	L5261	21	
731	$7067 \cdot 2^{3384667} + 1$	1018891	L5439	21	
732	$59362002^{131072} + 1$	1018890	L4249	19	Generalized Fermat
733	$59305348^{131072} + 1$	1018835	L4932	19	Generalized Fermat
734	$2077 \cdot 2^{3384472} + 1$	1018831	L5237	21	
735	$59210784^{131072} + 1$	1018745	L4926	19	Generalized Fermat
736	$59161754^{131072} + 1$	1018697	L4928	19	Generalized Fermat
737	$9165 \cdot 2^{3383917} + 1$	1018665	L5435	21	

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738	$5579 \cdot 2^{3383209} + 1$	1018452	L5434	21	
739	$8241 \cdot 2^{3383131} + 1$	1018428	L5387	21	
740	$7409 \cdot 2^{3382869} + 1$	1018349	L5161	21	
741	$4883 \cdot 2^{3382813} + 1$	1018332	L5161	21	
742	$9783 \cdot 2^{3382792} + 1$	1018326	L5189	21	
743	$58589880^{131072} + 1$	1018145	L4923	19	Generalized Fermat
744	$58523466^{131072} + 1$	1018080	L4802	19	Generalized Fermat
745	$8877 \cdot 2^{3381936} + 1$	1018069	L5429	21	
746	$58447816^{131072} + 1$	1018006	L4591	19	Generalized Fermat
747	$58447642^{131072} + 1$	1018006	L4591	19	Generalized Fermat
748	$6675 \cdot 2^{3381688} + 1$	1017994	L5197	21	
749	$2445 \cdot 2^{3381129} + 1$	1017825	L5231	21	
750	$58247118^{131072} + 1$	1017811	L4309	19	Generalized Fermat
751	$3381 \cdot 2^{3380585} + 1$	1017662	L5237	21	
752	$7899 \cdot 2^{3380459} + 1$	1017624	L5421	21	
753	$5945 \cdot 2^{3379933} + 1$	1017465	L5418	21	
754	$1425 \cdot 2^{3379921} + 1$	1017461	L1134	20	
755	$4975 \cdot 2^{3379420} + 1$	1017311	L5161	21	
756	$57704312^{131072} + 1$	1017278	L4591	19	Generalized Fermat
757	$57694224^{131072} + 1$	1017268	L4656	19	Generalized Fermat
758	$57594734^{131072} + 1$	1017169	L4656	19	Generalized Fermat
759	$9065 \cdot 2^{3378851} + 1$	1017140	L5414	21	
760	$2369 \cdot 2^{3378761} + 1$	1017112	L5197	21	
761	$57438404^{131072} + 1$	1017015	L4745	19	Generalized Fermat
762	$621 \cdot 2^{3378148} + 1$	1016927	L3035	17	
763	$7035 \cdot 2^{3378141} + 1$	1016926	L5408	21	
764	$2067 \cdot 2^{3378115} + 1$	1016918	L5405	21	
765	$1093 \cdot 2^{3378000} + 1$	1016883	L4583	17	
766	$9577 \cdot 2^{3377612} + 1$	1016767	L5406	21	
767	$861 \cdot 2^{3377601} + 1$	1016763	L4582	17	
768	$5811 \cdot 2^{3377016} + 1$	1016587	L5261	21	
769	$2285 \cdot 2^{3376911} + 1$	1016555	L5261	21	
770	$4199 \cdot 2^{3376903} + 1$	1016553	L5174	21	
771	$6405 \cdot 2^{3376890} + 1$	1016549	L5269	21	
772	$1783 \cdot 2^{3376810} + 1$	1016525	L5261	21	
773	$5401 \cdot 2^{3376768} + 1$	1016513	L5174	21	
774	$56917336^{131072} + 1$	1016496	L4729	19	Generalized Fermat
775	$2941 \cdot 2^{3376536} + 1$	1016443	L5174	21	
776	$1841 \cdot 2^{3376379} + 1$	1016395	L5401	21	
777	$6731 \cdot 2^{3376133} + 1$	1016322	L5261	21	
778	$56735576^{131072} + 1$	1016314	L4760	19	Generalized Fermat
779	$8121 \cdot 2^{3375933} + 1$	1016262	L5356	21	
780	$5505 \cdot 2^{3375777} + 1$	1016214	L5174	21	
781	$56584816^{131072} + 1$	1016162	L4289	19	Generalized Fermat
782	$3207 \cdot 2^{3375314} + 1$	1016075	L5237	21	
783	$56459558^{131072} + 1$	1016036	L4892	19	Generalized Fermat
784	$5307 \cdot 2^{3374939} + 1$	1015962	L5392	21	
785	$56383242^{131072} + 1$	1015959	L4889	19	Generalized Fermat

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786	$56307420^{131072} + 1$	1015883	L4843	19	Generalized Fermat
787	$208003! - 1$	1015843	p394	16	Factorial
788	$6219 \cdot 2^{3374198} + 1$	1015739	L5393	21	
789	$3777 \cdot 2^{3374072} + 1$	1015701	L5261	21	
790	$9347 \cdot 2^{3374055} + 1$	1015696	L5387	21	
791	$1461 \cdot 2^{3373383} + 1$	1015493	L5384	21	
792	$6395 \cdot 2^{3373135} + 1$	1015419	L5382	21	
793	$7869 \cdot 2^{3373021} + 1$	1015385	L5381	21	
794	$55645700^{131072} + 1$	1015210	L4745	19	Generalized Fermat
795	$4905 \cdot 2^{3372216} + 1$	1015142	L5261	21	
796	$55579418^{131072} + 1$	1015142	L4745	19	Generalized Fermat
797	$2839 \cdot 2^{3372034} + 1$	1015087	L5174	21	
798	$7347 \cdot 2^{3371803} + 1$	1015018	L5217	21	
799	$9799 \cdot 2^{3371378} + 1$	1014890	L5261	21	
800	$4329 \cdot 2^{3371201} + 1$	1014837	L5197	21	
801	$3657 \cdot 2^{3371183} + 1$	1014831	L5360	21	
802	$55268442^{131072} + 1$	1014822	L4525	19	Generalized Fermat
803	$179 \cdot 2^{3371145} + 1$	1014819	L3763	14	
804	$5155 \cdot 2^{3371016} + 1$	1014781	L5237	21	
805	$7575 \cdot 2^{3371010} + 1$	1014780	L5237	21	
806	$55184170^{131072} + 1$	1014736	L4871	18	Generalized Fermat
807	$9195 \cdot 2^{3370798} + 1$	1014716	L5178	21	
808	$1749 \cdot 2^{3370786} + 1$	1014711	L5362	21	
809	$8421 \cdot 2^{3370599} + 1$	1014656	L5174	21	
810	$55015050^{131072} + 1$	1014561	L4205	18	Generalized Fermat
811	$4357 \cdot 2^{3369572} + 1$	1014346	L5231	21	
812	$6073 \cdot 2^{3369544} + 1$	1014338	L5358	21	
813	$839 \cdot 2^{3369383} + 1$	1014289	L2891	17	
814	$65 \cdot 2^{3369359} + 1$	1014280	L5236	21	
815	$8023 \cdot 2^{3369228} + 1$	1014243	L5356	21	
816	$677 \cdot 2^{3369115} + 1$	1014208	L2103	17	
817	$1437 \cdot 2^{3369083} + 1$	1014199	L5282	21	
818	$9509 \cdot 2^{3368705} + 1$	1014086	L5237	21	
819	$54548788^{131072} + 1$	1014076	L4726	18	Generalized Fermat
820	$4851 \cdot 2^{3368668} + 1$	1014074	L5307	21	
821	$7221 \cdot 2^{3368448} + 1$	1014008	L5353	21	
822	$5549 \cdot 2^{3368437} + 1$	1014005	L5217	21	
823	$715 \cdot 2^{3368210} + 1$	1013936	L4527	17	
824	$617 \cdot 2^{3368119} + 1$	1013908	L4552	17	
825	$54361742^{131072} + 1$	1013881	L4210	18	Generalized Fermat
826	$1847 \cdot 2^{3367999} + 1$	1013872	L5352	21	
827	$54334044^{131072} + 1$	1013852	L4745	18	Generalized Fermat
828	$6497 \cdot 2^{3367743} + 1$	1013796	L5285	21	
829	$2533 \cdot 2^{3367666} + 1$	1013772	L5326	21	
830	$6001 \cdot 2^{3367552} + 1$	1013738	L5350	21	
831	$54212352^{131072} + 1$	1013724	L4307	18	Generalized Fermat
832	$54206254^{131072} + 1$	1013718	L4249	18	Generalized Fermat
833	$777 \cdot 2^{3367372} + 1$	1013683	L4408	17	

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834	$9609 \cdot 2^{3367351} + 1$	1013678	L5285	21	
835	$54161106^{131072} + 1$	1013670	L4307	18	Generalized Fermat
836	$2529 \cdot 2^{3367317} + 1$	1013667	L5237	21	
837	$5941 \cdot 2^{3366960} + 1$	1013560	L5189	21	
838	$5845 \cdot 2^{3366956} + 1$	1013559	L5197	21	
839	$54032538^{131072} + 1$	1013535	L4591	18	Generalized Fermat
840	$9853 \cdot 2^{3366608} + 1$	1013454	L5178	21	
841	$61 \cdot 2^{3366033} - 1$	1013279	L4405	17	
842	$7665 \cdot 2^{3365896} + 1$	1013240	L5345	21	
843	$8557 \cdot 2^{3365648} + 1$	1013165	L5346	21	
844	$369 \cdot 2^{3365614} + 1$	1013154	L4364	16	
845	$53659976^{131072} + 1$	1013141	L4823	18	Generalized Fermat
846	$8201 \cdot 2^{3365283} + 1$	1013056	L5345	21	
847	$9885 \cdot 2^{3365151} + 1$	1013016	L5344	21	
848	$5173 \cdot 2^{3365096} + 1$	1012999	L5285	21	
849	$8523 \cdot 2^{3364918} + 1$	1012946	L5237	21	
850	$3985 \cdot 2^{3364776} + 1$	1012903	L5178	21	
851	$9711 \cdot 2^{3364452} + 1$	1012805	L5192	21	
852	$7003 \cdot 2^{3364172} + 1$	1012721	L5217	21	
853	$6703 \cdot 2^{3364088} + 1$	1012696	L5337	21	
854	$7187 \cdot 2^{3364011} + 1$	1012673	L5217	21	
855	$53161266^{131072} + 1$	1012610	L4307	18	Generalized Fermat
856	$53078434^{131072} + 1$	1012521	L4835	18	Generalized Fermat
857	$2345 \cdot 2^{3363157} + 1$	1012415	L5336	21	
858	$6527 \cdot 2^{3363135} + 1$	1012409	L5167	21	
859	$9387 \cdot 2^{3363088} + 1$	1012395	L5161	21	
860	$8989 \cdot 2^{3362986} + 1$	1012364	L5161	21	
861	$533 \cdot 2^{3362857} + 1$	1012324	L3171	17	
862	$619 \cdot 2^{3362814} + 1$	1012311	L4527	17	
863	$2289 \cdot 2^{3362723} + 1$	1012284	L5161	21	
864	$7529 \cdot 2^{3362565} + 1$	1012237	L5161	21	
865	$7377 \cdot 2^{3362366} + 1$	1012177	L5161	21	
866	$4509 \cdot 2^{3362311} + 1$	1012161	L5324	21	
867	$7021 \cdot 2^{3362208} + 1$	1012130	L5178	21	
868	$52712138^{131072} + 1$	1012127	L4819	18	Generalized Fermat
869	$104 \cdot 873^{344135} - 1$	1012108	L4700	18	
870	$4953 \cdot 2^{3362054} + 1$	1012083	L5323	21	
871	$8575 \cdot 2^{3361798} + 1$	1012006	L5237	21	
872	$2139 \cdot 2^{3361706} + 1$	1011978	L5174	21	
873	$6939 \cdot 2^{3361203} + 1$	1011827	L5217	21	
874	$52412612^{131072} + 1$	1011802	L4289	18	Generalized Fermat
875	$3^{2120580} - 3^{623816} - 1$	1011774	CH9	19	
876	$8185 \cdot 2^{3360896} + 1$	1011735	L5189	21	
877	$2389 \cdot 2^{3360882} + 1$	1011730	L5317	21	
878	$2787 \cdot 2^{3360631} + 1$	1011655	L5197	21	
879	$6619 \cdot 2^{3360606} + 1$	1011648	L5316	21	
880	$2755 \cdot 2^{3360526} + 1$	1011623	L5174	21	
881	$1445 \cdot 2^{3360099} + 1$	1011494	L5261	21	

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882	$8757 \cdot 2^{3359788} + 1$	1011401	L5197	21	
883	$52043532^{131072} + 1$	1011400	L4810	18	Generalized Fermat
884	$5085 \cdot 2^{3359696} + 1$	1011373	L5261	21	
885	$51954384^{131072} + 1$	1011303	L4720	18	Generalized Fermat
886	$6459 \cdot 2^{3359457} + 1$	1011302	L5310	21	
887	$51872628^{131072} + 1$	1011213	L4591	18	Generalized Fermat
888	$6115 \cdot 2^{3358998} + 1$	1011163	L5309	21	
889	$7605 \cdot 2^{3358929} + 1$	1011143	L5308	21	
890	$2315 \cdot 2^{3358899} + 1$	1011133	L5197	21	
891	$6603 \cdot 2^{3358525} + 1$	1011021	L5307	21	
892	$51580416^{131072} + 1$	1010891	L4765	18	Generalized Fermat
893	$51570250^{131072} + 1$	1010880	L4591	18	Generalized Fermat
894	$51567684^{131072} + 1$	1010877	L4800	18	Generalized Fermat
895	$5893 \cdot 2^{3357490} + 1$	1010709	L5285	21	
896	$6947 \cdot 2^{3357075} + 1$	1010585	L5302	21	
897	$4621 \cdot 2^{3357068} + 1$	1010582	L5301	21	
898	$51269192^{131072} + 1$	1010547	L4795	18	Generalized Fermat
899	$1479 \cdot 2^{3356275} + 1$	1010343	L5178	21	
900	$3645 \cdot 2^{3356232} + 1$	1010331	L5296	21	
901	$1259 \cdot 2^{3356215} + 1$	1010325	L5298	21	
902	$2075 \cdot 2^{3356057} + 1$	1010278	L5174	21	
903	$4281 \cdot 2^{3356051} + 1$	1010276	L5295	21	
904	$1275 \cdot 2^{3356045} + 1$	1010274	L5294	21	
905	$50963598^{131072} + 1$	1010206	L4726	18	Generalized Fermat
906	$4365 \cdot 2^{3355770} + 1$	1010192	L5261	21	
907	$50844724^{131072} + 1$	1010074	L4656	18	Generalized Fermat
908	$2183 \cdot 2^{3355297} + 1$	1010049	L5266	21	
909	$3087 \cdot 2^{3355000} + 1$	1009960	L5226	21	
910	$8673 \cdot 2^{3354760} + 1$	1009888	L5233	21	
911	$50495632^{131072} + 1$	1009681	L4591	18	Generalized Fermat
912	$3015 \cdot 2^{3353943} + 1$	1009641	L5290	21	
913	$6819 \cdot 2^{3353877} + 1$	1009622	L5174	21	
914	$9 \cdot 10^{1009567} - 1$	1009568	L3735	16	Near-repdigit
915	$6393 \cdot 2^{3353366} + 1$	1009468	L5287	21	
916	$3573 \cdot 2^{3353273} + 1$	1009440	L5161	21	
917	$4047 \cdot 2^{3353222} + 1$	1009425	L5286	21	
918	$1473 \cdot 2^{3353114} + 1$	1009392	L5161	21	
919	$1183 \cdot 2^{3353058} + 1$	1009375	L3824	17	
920	$50217306^{131072} + 1$	1009367	L4720	18	Generalized Fermat
921	$81 \cdot 2^{3352924} + 1$	1009333	L1728	12	Generalized Fermat
922	$50110436^{131072} + 1$	1009245	L4591	18	Generalized Fermat
923	$50055102^{131072} + 1$	1009183	L4309	18	Generalized Fermat
924	$7123 \cdot 2^{3352180} + 1$	1009111	L5161	21	
925	$2757 \cdot 2^{3352180} + 1$	1009111	L5285	21	
926	$9307 \cdot 2^{3352014} + 1$	1009061	L5284	21	
927	$2217 \cdot 2^{3351732} + 1$	1008976	L5283	21	
928	$543 \cdot 2^{3351686} + 1$	1008961	L4198	17	
929	$4419 \cdot 2^{3351666} + 1$	1008956	L5279	21	

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930	$49817700^{131072} + 1$	1008912	L4760	18	Generalized Fermat
931	$3059 \cdot 2^{3351379} + 1$	1008870	L5278	21	
932	$7789 \cdot 2^{3351046} + 1$	1008770	L5276	21	
933	$9501 \cdot 2^{3350668} + 1$	1008656	L5272	21	
934	$49530004^{131072} + 1$	1008582	L4591	18	Generalized Fermat
935	$9691 \cdot 2^{3349952} + 1$	1008441	L5242	21	
936	$49397682^{131072} + 1$	1008430	L4764	18	Generalized Fermat
937	$3209 \cdot 2^{3349719} + 1$	1008370	L5269	21	
938	$49331672^{131072} + 1$	1008354	L4763	18	Generalized Fermat
939	$393 \cdot 2^{3349525} + 1$	1008311	L3101	16	
940	$49243622^{131072} + 1$	1008252	L4741	18	Generalized Fermat
941	$5487 \cdot 2^{3349303} + 1$	1008245	L5266	21	
942	$49225986^{131072} + 1$	1008232	L4757	18	Generalized Fermat
943	$2511 \cdot 2^{3349104} + 1$	1008185	L5264	21	
944	$7659 \cdot 2^{3348894} + 1$	1008122	L5263	21	
945	$9703 \cdot 2^{3348872} + 1$	1008115	L5262	21	
946	$49090656^{131072} + 1$	1008075	L4752	18	Generalized Fermat
947	$7935 \cdot 2^{3348578} + 1$	1008027	L5161	21	
948	$49038514^{131072} + 1$	1008015	L4743	18	Generalized Fermat
949	$7821 \cdot 2^{3348400} + 1$	1007973	L5260	21	
950	$7911 \cdot 2^{3347532} + 1$	1007712	L5250	21	
951	$8295 \cdot 2^{3347031} + 1$	1007561	L5249	21	
952	$48643706^{131072} + 1$	1007554	L4691	18	Generalized Fermat
953	$4029 \cdot 2^{3346729} + 1$	1007470	L5239	21	
954	$9007 \cdot 2^{3346716} + 1$	1007466	L5161	21	
955	$8865 \cdot 2^{3346499} + 1$	1007401	L5238	21	
956	$6171 \cdot 2^{3346480} + 1$	1007395	L5174	21	
957	$6815 \cdot 2^{3346045} + 1$	1007264	L5235	21	
958	$5 \cdot 326^{400785} + 1$	1007261	L4786	19	
959	$5951 \cdot 2^{3345977} + 1$	1007244	L5233	21	
960	$48370248^{131072} + 1$	1007234	L4701	18	Generalized Fermat
961	$1257 \cdot 2^{3345843} + 1$	1007203	L5192	21	
962	$4701 \cdot 2^{3345815} + 1$	1007195	L5192	21	
963	$48273828^{131072} + 1$	1007120	L4456	18	Generalized Fermat
964	$7545 \cdot 2^{3345355} + 1$	1007057	L5231	21	
965	$5559 \cdot 2^{3344826} + 1$	1006897	L5223	21	
966	$6823 \cdot 2^{3344692} + 1$	1006857	L5223	21	
967	$4839 \cdot 2^{3344453} + 1$	1006785	L5188	21	
968	$7527 \cdot 2^{3344332} + 1$	1006749	L5220	21	
969	$7555 \cdot 2^{3344240} + 1$	1006721	L5188	21	
970	$6265 \cdot 2^{3344080} + 1$	1006673	L5197	21	
971	$1299 \cdot 2^{3343943} + 1$	1006631	L5217	21	
972	$2815 \cdot 2^{3343754} + 1$	1006574	L5216	21	
973	$5349 \cdot 2^{3343734} + 1$	1006568	L5174	21	
974	$2863 \cdot 2^{3342920} + 1$	1006323	L5179	20	
975	$7387 \cdot 2^{3342848} + 1$	1006302	L5208	20	
976	$9731 \cdot 2^{3342447} + 1$	1006181	L5203	20	
977	$7725 \cdot 2^{3341708} + 1$	1005959	L5195	20	

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978	$7703 \cdot 2^{3341625} + 1$	1005934	L5178	20	
979	$7047 \cdot 2^{3341482} + 1$	1005891	L5194	20	
980	$4839 \cdot 2^{3341309} + 1$	1005838	L5192	20	
981	$47179704^{131072} + 1$	1005815	L4673	17	Generalized Fermat
982	$47090246^{131072} + 1$	1005707	L4654	17	Generalized Fermat
983	$8989 \cdot 2^{3340866} + 1$	1005705	L5189	20	
984	$6631 \cdot 2^{3340808} + 1$	1005688	L5188	20	
985	$1341 \cdot 2^{3340681} + 1$	1005649	L5188	20	
986	$733 \cdot 2^{3340464} + 1$	1005583	L3035	16	
987	$2636 \cdot 138^{469911} + 1$	1005557	L5410	21	
988	$3679815 \cdot 2^{3340001} + 1$	1005448	L4922	19	
989	$57 \cdot 2^{3339932} - 1$	1005422	L3519	15	
990	$46776558^{131072} + 1$	1005326	L4659	17	Generalized Fermat
991	$46736070^{131072} + 1$	1005277	L4245	17	Generalized Fermat
992	$46730280^{131072} + 1$	1005270	L4656	17	Generalized Fermat
993	$3651 \cdot 2^{3339341} + 1$	1005246	L5177	20	
994	$3853 \cdot 2^{3339296} + 1$	1005232	L5178	20	
995	$8015 \cdot 2^{3339267} + 1$	1005224	L5176	20	
996	$3027 \cdot 2^{3339182} + 1$	1005198	L5174	20	
997	$9517 \cdot 2^{3339002} + 1$	1005144	L5172	20	
998	$4003 \cdot 2^{3338588} + 1$	1005019	L3035	20	
999	$6841 \cdot 2^{3338336} + 1$	1004944	L1474	20	
1000	$2189 \cdot 2^{3338209} + 1$	1004905	L5031	20	
1001	$46413358^{131072} + 1$	1004883	L4626	17	Generalized Fermat
1002	$46385310^{131072} + 1$	1004848	L4622	17	Generalized Fermat
1003	$46371508^{131072} + 1$	1004831	L4620	17	Generalized Fermat
1004	$2957 \cdot 2^{3337667} + 1$	1004742	L5144	20	
1005	$1515 \cdot 2^{3337389} + 1$	1004658	L1474	20	
1006	$7933 \cdot 2^{3337270} + 1$	1004623	L4666	20	
1007	$1251 \cdot 2^{3337116} + 1$	1004576	L4893	20	
1008	$651 \cdot 2^{3337101} + 1$	1004571	L3260	16	
1009	$46077492^{131072} + 1$	1004469	L4595	17	Generalized Fermat
1010	$8397 \cdot 2^{3336654} + 1$	1004437	L5125	20	
1011	$8145 \cdot 2^{3336474} + 1$	1004383	L5110	20	
1012	$1087 \cdot 2^{3336385} - 1$	1004355	L1828	12	
1013	$5325 \cdot 2^{3336120} + 1$	1004276	L2125	20	
1014	$849 \cdot 2^{3335669} + 1$	1004140	L3035	16	
1015	$8913 \cdot 2^{3335216} + 1$	1004005	L5079	20	
1016	$7725 \cdot 2^{3335213} + 1$	1004004	L3035	20	
1017	$611 \cdot 2^{3334875} + 1$	1003901	L3813	16	
1018	$45570624^{131072} + 1$	1003840	L4295	17	Generalized Fermat
1019	$403 \cdot 2^{3334410} + 1$	1003761	L4293	16	
1020	$5491 \cdot 2^{3334392} + 1$	1003756	L4815	20	
1021	$6035 \cdot 2^{3334341} + 1$	1003741	L2125	20	
1022	$1725 \cdot 2^{3334341} + 1$	1003740	L2125	20	
1023	$4001 \cdot 2^{3334031} + 1$	1003647	L1203	20	
1024	$2315 \cdot 2^{3333969} + 1$	1003629	L2125	20	
1025	$6219 \cdot 2^{3333810} + 1$	1003581	L4582	20	

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1026	$8063 \cdot 2^{3333721} + 1$	1003554	L1823	20	
1027	$9051 \cdot 2^{3333677} + 1$	1003541	L3924	20	
1028	$45315256^{131072} + 1$	1003520	L4562	17	Generalized Fermat
1029	$4091 \cdot 2^{3333153} + 1$	1003383	L1474	20	
1030	$9949 \cdot 2^{3332750} + 1$	1003262	L5090	20	
1031	$3509 \cdot 2^{3332649} + 1$	1003231	L5085	20	
1032	$3781 \cdot 2^{3332436} + 1$	1003167	L1823	20	
1033	$4425 \cdot 2^{3332394} + 1$	1003155	L3431	20	
1034	$6459 \cdot 2^{3332086} + 1$	1003062	L2629	20	
1035	$44919410^{131072} + 1$	1003020	L4295	17	Generalized Fermat
1036	$5257 \cdot 2^{3331758} + 1$	1002963	L1188	20	
1037	$2939 \cdot 2^{3331393} + 1$	1002853	L1823	20	
1038	$6959 \cdot 2^{3331365} + 1$	1002845	L1675	20	
1039	$8815 \cdot 2^{3330748} + 1$	1002660	L3329	20	
1040	$4303 \cdot 2^{3330652} + 1$	1002630	L4730	20	
1041	$8595 \cdot 2^{3330649} + 1$	1002630	L4723	20	
1042	$673 \cdot 2^{3330436} + 1$	1002564	L3035	16	
1043	$8163 \cdot 2^{3330042} + 1$	1002447	L3278	20	
1044	$44438760^{131072} + 1$	1002408	L4505	16	Generalized Fermat
1045	$193 \cdot 2^{3329782} + 1$	1002367	L3460	14	Divides Fermat $F(3329780)$
1046	$44330870^{131072} + 1$	1002270	L4501	16	Generalized Fermat
1047	$2829 \cdot 2^{3329061} + 1$	1002151	L4343	20	
1048	$5775 \cdot 2^{3329034} + 1$	1002143	L1188	20	
1049	$7101 \cdot 2^{3328905} + 1$	1002105	L4568	20	
1050	$7667 \cdot 2^{3328807} + 1$	1002075	L4087	20	
1051	$129 \cdot 2^{3328805} + 1$	1002073	L3859	14	
1052	$7261 \cdot 2^{3328740} + 1$	1002055	L2914	20	
1053	$4395 \cdot 2^{3328588} + 1$	1002009	L3924	20	
1054	$44085096^{131072} + 1$	1001953	L4482	16	Generalized Fermat
1055	$143183 \cdot 2^{3328297} + 1$	1001923	L4504	17	
1056	$44049878^{131072} + 1$	1001908	L4466	16	Generalized Fermat
1057	$9681 \cdot 2^{3327987} + 1$	1001828	L1204	20	
1058	$2945 \cdot 2^{3327987} + 1$	1001828	L2158	20	
1059	$5085 \cdot 2^{3327789} + 1$	1001769	L1823	20	
1060	$8319 \cdot 2^{3327650} + 1$	1001727	L1204	20	
1061	$4581 \cdot 2^{3327644} + 1$	1001725	L2142	20	
1062	$655 \cdot 2^{3327518} + 1$	1001686	L4490	16	
1063	$8863 \cdot 2^{3327406} + 1$	1001653	L1675	20	
1064	$659 \cdot 2^{3327371} + 1$	1001642	L3502	16	
1065	$3411 \cdot 2^{3327343} + 1$	1001634	L1675	20	
1066	$4987 \cdot 2^{3327294} + 1$	1001619	L3924	20	
1067	$821 \cdot 2^{3327003} + 1$	1001531	L3035	16	
1068	$2435 \cdot 2^{3326969} + 1$	1001521	L3035	20	
1069	$2277 \cdot 2^{3326794} + 1$	1001469	L5014	20	
1070	$6779 \cdot 2^{3326639} + 1$	1001422	L3924	20	
1071	$6195 \cdot 2^{3325993} + 1$	1001228	L1474	19	
1072	$555 \cdot 2^{3325925} + 1$	1001206	L4414	16	
1073	$9041 \cdot 2^{3325643} + 1$	1001123	L3924	19	

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1074	$1993 \cdot 2^{3325302} + 1$	1001019	L3662	19	
1075	$6179 \cdot 2^{3325027} + 1$	1000937	L3048	19	
1076	$4485 \cdot 2^{3324900} + 1$	1000899	L1355	19	
1077	$3559 \cdot 2^{3324650} + 1$	1000823	L3035	19	
1078	$43165206^{131072} + 1$	1000753	L4309	16	Generalized Fermat
1079	$43163894^{131072} + 1$	1000751	L4334	16	Generalized Fermat
1080	$6927 \cdot 2^{3324387} + 1$	1000745	L3091	19	
1081	$9575 \cdot 2^{3324287} + 1$	1000715	L3824	19	
1082	$1797 \cdot 2^{3324259} + 1$	1000705	L3895	19	
1083	$4483 \cdot 2^{3324048} + 1$	1000642	L3035	19	
1084	$791 \cdot 2^{3323995} + 1$	1000626	L3035	16	
1085	$6987 \cdot 2^{3323926} + 1$	1000606	L4973	19	
1086	$3937 \cdot 2^{3323886} + 1$	1000593	L3035	19	
1087	$2121 \cdot 2^{3323852} + 1$	1000583	L1823	19	
1088	$1571 \cdot 2^{3323493} + 1$	1000475	L3035	19	
1089	$2319 \cdot 2^{3323402} + 1$	1000448	L4699	19	
1090	$2829 \cdot 2^{3323341} + 1$	1000429	L4754	19	
1091	$4335 \cdot 2^{3323323} + 1$	1000424	L1823	19	
1092	$8485 \cdot 2^{3322938} + 1$	1000308	L4858	19	
1093	$6505 \cdot 2^{3322916} + 1$	1000302	L4858	19	
1094	$597 \cdot 2^{3322871} + 1$	1000287	L3035	16	
1095	$9485 \cdot 2^{3322811} + 1$	1000270	L2603	19	
1096	$8619 \cdot 2^{3322774} + 1$	1000259	L3035	19	
1097	$387 \cdot 2^{3322763} + 1$	1000254	L1455	16	
1098	$42654182^{131072} + 1$	1000075	L4208	15	Generalized Fermat
1099	$5553507 \cdot 2^{3322000} + 1$	1000029	p391	16	
1100	$5029159647 \cdot 2^{3321910} - 1$	1000005	L4960	21	
1101	$5009522505 \cdot 2^{3321910} - 1$	1000005	L4960	21	
1102	$4766298357 \cdot 2^{3321910} - 1$	1000005	L4960	21	
1103	$4759383915 \cdot 2^{3321910} - 1$	1000005	L4960	21	
1104	$4635733263 \cdot 2^{3321910} - 1$	1000005	L4960	21	
1105	$4603393047 \cdot 2^{3321910} - 1$	1000005	L4960	21	
1106	$4550053935 \cdot 2^{3321910} - 1$	1000005	L4960	21	
1107	$4288198767 \cdot 2^{3321910} - 1$	1000005	L4960	21	
1108	$4229494557 \cdot 2^{3321910} - 1$	1000005	L4960	21	
1109	$4110178197 \cdot 2^{3321910} - 1$	1000005	L4960	21	
1110	$4022490843 \cdot 2^{3321910} - 1$	1000005	L4960	21	
1111	$3936623697 \cdot 2^{3321910} - 1$	1000005	L4960	21	
1112	$3751145343 \cdot 2^{3321910} - 1$	1000005	L4960	21	
1113	$3715773735 \cdot 2^{3321910} - 1$	1000005	L4960	21	
1114	$3698976057 \cdot 2^{3321910} - 1$	1000005	L4960	21	
1115	$3659465685 \cdot 2^{3321910} - 1$	1000005	L4960	20	
1116	$3652932033 \cdot 2^{3321910} - 1$	1000005	L4960	20	
1117	$3603204333 \cdot 2^{3321910} - 1$	1000005	L4960	20	
1118	$3543733545 \cdot 2^{3321910} - 1$	1000005	L4960	20	
1119	$3191900133 \cdot 2^{3321910} - 1$	1000005	L4960	20	
1120	$3174957723 \cdot 2^{3321910} - 1$	1000005	L4960	20	
1121	$2973510903 \cdot 2^{3321910} - 1$	1000005	L4960	19	

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1122	$2848144257 \cdot 2^{3321910} - 1$	1000005	L4960	19	
1123	$2820058827 \cdot 2^{3321910} - 1$	1000005	L4960	19	
1124	$2611553775 \cdot 2^{3321910} - 1$	1000004	L4960	20	
1125	$2601087525 \cdot 2^{3321910} - 1$	1000004	L4960	19	
1126	$2386538565 \cdot 2^{3321910} - 1$	1000004	L4960	19	
1127	$2272291887 \cdot 2^{3321910} - 1$	1000004	L4960	19	
1128	$2167709265 \cdot 2^{3321910} - 1$	1000004	L4960	19	
1129	$2087077797 \cdot 2^{3321910} - 1$	1000004	L4960	19	
1130	$1848133623 \cdot 2^{3321910} - 1$	1000004	L4960	19	
1131	$1825072257 \cdot 2^{3321910} - 1$	1000004	L4960	19	
1132	$1633473837 \cdot 2^{3321910} - 1$	1000004	L4960	19	
1133	$1228267623 \cdot 2^{3321910} - 1$	1000004	L4808	19	
1134	$1148781333 \cdot 2^{3321910} - 1$	1000004	L4808	19	
1135	$1065440787 \cdot 2^{3321910} - 1$	1000004	L4808	19	
1136	$1055109357 \cdot 2^{3321910} - 1$	1000004	L4960	19	
1137	$992309607 \cdot 2^{3321910} - 1$	1000004	L4808	19	
1138	$926102325 \cdot 2^{3321910} - 1$	1000004	L4808	19	
1139	$892610007 \cdot 2^{3321910} - 1$	1000004	L4960	19	
1140	$763076757 \cdot 2^{3321910} - 1$	1000004	L4960	19	
1141	$607766997 \cdot 2^{3321910} - 1$	1000004	L4808	19	
1142	$539679177 \cdot 2^{3321910} - 1$	1000004	L4808	19	
1143	$425521077 \cdot 2^{3321910} - 1$	1000004	L4808	19	
1144	$132940575 \cdot 2^{3321910} - 1$	1000003	L4808	19	
1145	$239378138685 \cdot 2^{3321891} + 1$	1000001	L5104	20	
1146	$464253 \cdot 2^{3321908} - 1$	1000000	L466	13	
1147	$3^{2095902} + 3^{647322} - 1$	1000000	x44	18	
1148	$191273 \cdot 2^{3321908} - 1$	1000000	L466	13	
1149	$1814570322984178^{65536} + 1$	1000000	L5080	20	Generalized Fermat
1150	$1814570322977518^{65536} + 1$	1000000	L5080	20	Generalized Fermat
1151	$3292665455999520712131951642528^{32768} + 1$	1000000	L5120	20	Generalized Fermat
1152	$3292665455999520712131951625894^{32768} + 1$	1000000	L5122	20	Generalized Fermat
1153	[Long prime 1153]	1000000	L5207	20	Generalized Fermat
1154	[Long prime 1154]	1000000	L5122	20	Generalized Fermat
1155	[Long prime 1155]	1000000	p417	21	Generalized Fermat
1156	[Long prime 1156]	1000000	p419	21	Generalized Fermat
1157	[Long prime 1157]	1000000	p418	21	Generalized Fermat
1158	[Long prime 1158]	1000000	p417	21	Generalized Fermat
1159	[Long prime 1159]	1000000	p416	21	Generalized Fermat
1160	[Long prime 1160]	1000000	p421	21	Generalized Fermat
1161	[Long prime 1161]	1000000	p417	21	Generalized Fermat
1162	$10^{999999} + 308267 \cdot 10^{292000} + 1$	1000000	CH10	21	
1163	$10^{999999} - 1022306 \cdot 10^{287000} - 1$	999999	CH13	21	
1164	$10^{999999} - 1087604 \cdot 10^{287000} - 1$	999999	CH13	21	
1165	$531631540026641 \cdot 6^{1285077} + 1$	999999	L3494	21	
1166	$3139 \cdot 2^{3321905} - 1$	999997	L185	08	
1167	$4847 \cdot 2^{3321063} + 1$	999744	SB9	05	

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1168	$49 \cdot 2^{3309087} - 1$	996137	L1959	13	
1169	$139413 \cdot 6^{1279992} + 1$	996033	L4001	15	
1170	$51 \cdot 2^{3308171} + 1$	995861	L2840	15	
1171	$245114 \cdot 5^{1424104} - 1$	995412	L3686	13	
1172	$175124 \cdot 5^{1422646} - 1$	994393	L3686	13	
1173	$1611 \cdot 22^{738988} + 1$	992038	L4139	15	
1174	$36531196^{131072} + 1$	991254	L4249	21	Generalized Fermat
1175	$2017 \cdot 2^{3292325} - 1$	991092	L3345	17	
1176	$36422846^{131072} + 1$	991085	L4245	21	Generalized Fermat
1177	$36416848^{131072} + 1$	991076	L5202	21	Generalized Fermat
1178	$35997532^{131072} + 1$	990416	L4245	21	Generalized Fermat
1179	$35957420^{131072} + 1$	990353	L4245	21	Generalized Fermat
1180	$\text{Phi}(3, -107970^{98304})$	989588	L4506	16	Generalized unique
1181	$35391288^{131072} + 1$	989449	L5070	21	Generalized Fermat
1182	$61 \cdot 2^{3286535} - 1$	989348	L4405	16	
1183	$35327718^{131072} + 1$	989347	L4591	21	Generalized Fermat
1184	$35282096^{131072} + 1$	989274	L4245	21	Generalized Fermat
1185	$35141602^{131072} + 1$	989046	L4729	21	Generalized Fermat
1186	$35139782^{131072} + 1$	989043	L4245	21	Generalized Fermat
1187	$35047222^{131072} + 1$	988893	L4249	21	Generalized Fermat
1188	$34957136^{131072} + 1$	988747	L5321	21	Generalized Fermat
1189	$34871942^{131072} + 1$	988608	L4245	21	Generalized Fermat
1190	$34763644^{131072} + 1$	988431	L4737	21	Generalized Fermat
1191	$34585314^{131072} + 1$	988138	L4201	21	Generalized Fermat
1192	$34530386^{131072} + 1$	988048	L5070	21	Generalized Fermat
1193	$34087952^{131072} + 1$	987314	L4764	21	Generalized Fermat
1194	$87 \cdot 2^{3279368} + 1$	987191	L3458	15	
1195	$33732746^{131072} + 1$	986717	L4359	21	Generalized Fermat
1196	$33474284^{131072} + 1$	986279	L5051	21	Generalized Fermat
1197	$33395198^{131072} + 1$	986145	L4658	21	Generalized Fermat
1198	$33191418^{131072} + 1$	985796	L4201	21	Generalized Fermat
1199	$32869172^{131072} + 1$	985241	L4285	21	Generalized Fermat
1200	$32792696^{131072} + 1$	985108	L5198	21	Generalized Fermat
1201	$32704348^{131072} + 1$	984955	L5312	21	Generalized Fermat
1202	$32608738^{131072} + 1$	984788	L5395	21	Generalized Fermat
1203	$32430486^{131072} + 1$	984476	L4245	21	Generalized Fermat
1204	$32417420^{131072} + 1$	984453	L4245	21	Generalized Fermat
1205	$65 \cdot 2^{3270127} + 1$	984409	L3924	15	
1206	$32348894^{131072} + 1$	984333	L4245	21	Generalized Fermat
1207	$32286660^{131072} + 1$	984223	L5400	21	Generalized Fermat
1208	$32200644^{131072} + 1$	984071	L4387	21	Generalized Fermat
1209	$32137342^{131072} + 1$	983959	L4559	21	Generalized Fermat
1210	$32096608^{131072} + 1$	983887	L4559	21	Generalized Fermat
1211	$32055422^{131072} + 1$	983814	L4559	21	Generalized Fermat
1212	$31821360^{131072} + 1$	983397	L4861	21	Generalized Fermat
1213	$31768014^{131072} + 1$	983301	L4252	21	Generalized Fermat
1214	$31469984^{131072} + 1$	982765	L5078	21	Generalized Fermat
1215	$5 \cdot 2^{3264650} - 1$	982759	L384	13	

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1216	$223 \cdot 2^{3264459} - 1$	982703	L1884	12	
1217	$31145080^{131072} + 1$	982174	L4201	21	Generalized Fermat
1218	$31044982^{131072} + 1$	981991	L5041	21	Generalized Fermat
1219	$30844300^{131072} + 1$	981622	L5102	21	Generalized Fermat
1220	$30819256^{131072} + 1$	981575	L4201	21	Generalized Fermat
1221	$9 \cdot 2^{3259381} - 1$	981173	L1828	11	
1222	$6 \cdot 5^{1403337} + 1$	980892	L4965	20	
1223	$30318724^{131072} + 1$	980643	L4309	21	Generalized Fermat
1224	$30315072^{131072} + 1$	980636	L5375	21	Generalized Fermat
1225	$30300414^{131072} + 1$	980609	L4755	21	Generalized Fermat
1226	$30225714^{131072} + 1$	980468	L4201	21	Generalized Fermat
1227	$30059800^{131072} + 1$	980155	L4928	21	Generalized Fermat
1228	$30022816^{131072} + 1$	980085	L5273	21	Generalized Fermat
1229	$29959190^{131072} + 1$	979964	L4905	21	Generalized Fermat
1230	$29607314^{131072} + 1$	979292	L5378	21	Generalized Fermat
1231	$29505368^{131072} + 1$	979095	L5378	21	Generalized Fermat
1232	$29169314^{131072} + 1$	978443	L5380	21	Generalized Fermat
1233	$28497098^{131072} + 1$	977116	L4308	21	Generalized Fermat
1234	$28398204^{131072} + 1$	976918	L5379	21	Generalized Fermat
1235	$28294666^{131072} + 1$	976710	L5375	21	Generalized Fermat
1236	$28175634^{131072} + 1$	976470	L5378	21	Generalized Fermat
1237	$33 \cdot 2^{3242126} - 1$	975979	L3345	14	
1238	$27822108^{131072} + 1$	975752	L4760	21	Generalized Fermat
1239	$39 \cdot 2^{3240990} + 1$	975637	L3432	14	
1240	$27758510^{131072} + 1$	975621	L4289	21	Generalized Fermat
1241	$27557876^{131072} + 1$	975208	L4245	21	Generalized Fermat
1242	$27544748^{131072} + 1$	975181	L4387	21	Generalized Fermat
1243	$27408050^{131072} + 1$	974898	L4210	21	Generalized Fermat
1244	$27022768^{131072} + 1$	974092	L4309	21	Generalized Fermat
1245	$26896670^{131072} + 1$	973826	L5376	21	Generalized Fermat
1246	$26757382^{131072} + 1$	973530	L5375	21	Generalized Fermat
1247	$26599558^{131072} + 1$	973194	L4245	21	Generalized Fermat
1248	$6 \cdot 5^{1392287} + 1$	973168	L4965	20	
1249	$26500832^{131072} + 1$	972982	L4956	21	Generalized Fermat
1250	$26172278^{131072} + 1$	972272	L4245	21	Generalized Fermat
1251	$211195 \cdot 2^{3224974} + 1$	970820	L2121	13	
1252	$7 \cdot 6^{1246814} + 1$	970211	L4965	19	
1253	$25128150^{131072} + 1$	969954	L4738	21	Generalized Fermat
1254	$25124378^{131072} + 1$	969946	L5102	21	Generalized Fermat
1255	$35 \cdot 832^{332073} - 1$	969696	L4001	19	
1256	$600921 \cdot 2^{3219922} - 1$	969299	g337	18	
1257	$24734116^{131072} + 1$	969055	L5070	21	Generalized Fermat
1258	$24644826^{131072} + 1$	968849	L5070	21	Generalized Fermat
1259	$24642712^{131072} + 1$	968844	L5070	21	Generalized Fermat
1260	$24641166^{131072} + 1$	968840	L5070	21	Generalized Fermat
1261	$24522386^{131072} + 1$	968565	L5070	21	Generalized Fermat
1262	$24486806^{131072} + 1$	968483	L4737	21	Generalized Fermat
1263	$24297936^{131072} + 1$	968042	L4201	21	Generalized Fermat

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1264	$6 \cdot 409^{369832} + 1$	965900	L4001	15	
1265	$23363426^{131072} + 1$	965809	L5033	21	Generalized Fermat
1266	$94373 \cdot 2^{3206717} + 1$	965323	L2785	13	
1267	$2751 \cdot 2^{3206569} - 1$	965277	L4036	15	
1268	$23045178^{131072} + 1$	965029	L5023	21	Generalized Fermat
1269	$23011666^{131072} + 1$	964946	L5273	21	Generalized Fermat
1270	$22980158^{131072} + 1$	964868	L4201	21	Generalized Fermat
1271	$22901508^{131072} + 1$	964673	L4743	21	Generalized Fermat
1272	$22808110^{131072} + 1$	964440	L5248	21	Generalized Fermat
1273	$22718284^{131072} + 1$	964215	L5254	21	Generalized Fermat
1274	$22705306^{131072} + 1$	964183	L5248	21	Generalized Fermat
1275	$113983 \cdot 2^{3201175} - 1$	963655	L613	08	
1276	$34 \cdot 888^{326732} - 1$	963343	L4001	17	
1277	$22007146^{131072} + 1$	962405	L4245	20	Generalized Fermat
1278	$4 \cdot 3^{2016951} + 1$	962331	L4965	20	
1279	$21917442^{131072} + 1$	962173	L4622	20	Generalized Fermat
1280	$21869554^{131072} + 1$	962048	L5061	20	Generalized Fermat
1281	$21757066^{131072} + 1$	961754	L4773	20	Generalized Fermat
1282	$21582550^{131072} + 1$	961296	L5068	20	Generalized Fermat
1283	$21517658^{131072} + 1$	961125	L5126	20	Generalized Fermat
1284	$20968936^{131072} + 1$	959654	L4245	20	Generalized Fermat
1285	$20674450^{131072} + 1$	958849	L4245	20	Generalized Fermat
1286	$20234282^{131072} + 1$	957624	L4942	20	Generalized Fermat
1287	$20227142^{131072} + 1$	957604	L4677	20	Generalized Fermat
1288	$20185276^{131072} + 1$	957486	L4201	20	Generalized Fermat
1289	$33 \cdot 2^{3176269} + 1$	956154	L3432	13	
1290	$19464034^{131072} + 1$	955415	L4956	20	Generalized Fermat
1291	$600921 \cdot 2^{3173683} - 1$	955380	g337	18	
1292	$19216648^{131072} + 1$	954687	L5024	20	Generalized Fermat
1293	$1414 \cdot 95^{482691} - 1$	954633	L4877	19	
1294	$78 \cdot 236^{402022} - 1$	953965	L5410	20	
1295	$18968126^{131072} + 1$	953946	L5011	20	Generalized Fermat
1296	$18813106^{131072} + 1$	953479	L4201	20	Generalized Fermat
1297	$18608780^{131072} + 1$	952857	L4488	20	Generalized Fermat
1298	$1087 \cdot 2^{3164677} - 1$	952666	L1828	12	
1299	$18509226^{131072} + 1$	952552	L4884	20	Generalized Fermat
1300	$18501600^{131072} + 1$	952528	L4875	20	Generalized Fermat
1301	$15 \cdot 2^{3162659} + 1$	952057	p286	12	
1302	$18309468^{131072} + 1$	951934	L4928	20	Generalized Fermat
1303	$18298534^{131072} + 1$	951900	L4201	20	Generalized Fermat
1304	$67 \cdot 2^{3161450} + 1$	951694	L3223	15	
1305	$1759 \cdot 2^{3160863} - 1$	951518	L4965	21	
1306	$58 \cdot 117^{460033} + 1$	951436	L5410	20	
1307	$9231 \cdot 70^{515544} + 1$	951234	L5410	21	
1308	$17958952^{131072} + 1$	950834	L4201	20	Generalized Fermat
1309	$17814792^{131072} + 1$	950375	L4752	20	Generalized Fermat
1310	$17643330^{131072} + 1$	949824	L4201	20	Generalized Fermat
1311	$19 \cdot 2^{3155009} - 1$	949754	L1828	12	

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1312	$17141888^{131072} + 1$	948183	L4963	19	Generalized Fermat
1313	$17138628^{131072} + 1$	948172	L4963	19	Generalized Fermat
1314	$17119936^{131072} + 1$	948110	L4963	19	Generalized Fermat
1315	$17052490^{131072} + 1$	947885	L4715	19	Generalized Fermat
1316	$17025822^{131072} + 1$	947796	L4870	19	Generalized Fermat
1317	$16985784^{131072} + 1$	947662	L4295	19	Generalized Fermat
1318	$16741226^{131072} + 1$	946837	L4201	19	Generalized Fermat
1319	$16329572^{131072} + 1$	945420	L4201	19	Generalized Fermat
1320	$69 \cdot 2^{3140225} - 1$	945304	L3764	14	
1321	$3 \cdot 2^{3136255} - 1$	944108	L256	07	
1322	$15731520^{131072} + 1$	943296	L4245	19	Generalized Fermat
1323	$Phi(3, -62721^{98304})$	943210	L4506	16	Generalized unique
1324	$15667716^{131072} + 1$	943064	L4387	19	Generalized Fermat
1325	$15567144^{131072} + 1$	942698	L4918	19	Generalized Fermat
1326	$299 \cdot 2^{3130621} + 1$	942414	L5178	21	
1327	$15342502^{131072} + 1$	941870	L4245	19	Generalized Fermat
1328	$15237960^{131072} + 1$	941481	L4898	19	Generalized Fermat
1329	$571 \cdot 2^{3127388} + 1$	941441	L5440	21	
1330	$15147290^{131072} + 1$	941141	L4861	19	Generalized Fermat
1331	$197 \cdot 2^{3126343} + 1$	941126	L5178	21	
1332	$15091270^{131072} + 1$	940930	L4760	19	Generalized Fermat
1333	$1097 \cdot 2^{3124455} + 1$	940558	L5178	21	
1334	$3125 \cdot 2^{3124079} + 1$	940445	L1160	19	
1335	$495 \cdot 2^{3123624} + 1$	940308	L5438	21	
1336	$14790404^{131072} + 1$	939784	L4871	19	Generalized Fermat
1337	$1041 \cdot 2^{3120649} + 1$	939412	L5437	21	
1338	$14613898^{131072} + 1$	939101	L4926	19	Generalized Fermat
1339	$3317 \cdot 2^{3117162} - 1$	938363	L5399	21	
1340	$763 \cdot 2^{3115684} + 1$	937918	L4944	21	
1341	$581 \cdot 2^{3114611} + 1$	937595	L5178	21	
1342	$14217182^{131072} + 1$	937534	L4387	19	Generalized Fermat
1343	$134 \cdot 864^{319246} - 1$	937473	L5410	20	
1344	$1197 \cdot 2^{3111838} + 1$	936760	L5178	21	
1345	$14020004^{131072} + 1$	936739	L4249	19	Generalized Fermat
1346	$27777 \cdot 2^{3111027} + 1$	936517	L2777	14	Generalized Cullen
1347	$755 \cdot 2^{3110759} + 1$	936435	L5320	21	
1348	$13800346^{131072} + 1$	935840	L4880	19	Generalized Fermat
1349	$13613070^{131072} + 1$	935062	L4245	19	Generalized Fermat
1350	$628 \cdot 80^{491322} + 1$	935033	L5410	21	
1351	$761 \cdot 2^{3105087} + 1$	934728	L5197	21	
1352	$13433028^{131072} + 1$	934305	L4868	18	Generalized Fermat
1353	$1019 \cdot 2^{3103680} - 1$	934304	L1828	12	
1354	$579 \cdot 2^{3102639} + 1$	933991	L5315	21	
1355	$99 \cdot 2^{3102401} - 1$	933918	L1862	17	
1356	$256612 \cdot 5^{1335485} - 1$	933470	L1056	13	
1357	$13083418^{131072} + 1$	932803	L4747	18	Generalized Fermat
1358	$69 \cdot 2^{3097340} - 1$	932395	L3764	14	
1359	$153 \cdot 2^{3097277} + 1$	932376	L4944	21	

rank	description	digits	who	year	comment
1360	$12978952^{131072} + 1$	932347	L4849	18	Generalized Fermat
1361	$12961862^{131072} + 1$	932272	L4245	18	Generalized Fermat
1362	$207 \cdot 2^{3095391} + 1$	931808	L5178	21	
1363	$12851074^{131072} + 1$	931783	L4670	18	Generalized Fermat
1364	$45 \cdot 2^{3094632} - 1$	931579	L1862	18	
1365	$259 \cdot 2^{3094582} + 1$	931565	L5214	21	
1366	$553 \cdot 2^{3094072} + 1$	931412	L4944	21	
1367	$57 \cdot 2^{3093440} - 1$	931220	L2484	20	
1368	$12687374^{131072} + 1$	931054	L4289	18	Generalized Fermat
1369	$513 \cdot 2^{3092705} + 1$	931000	L4329	16	
1370	$12661786^{131072} + 1$	930939	L4819	18	Generalized Fermat
1371	$933 \cdot 2^{3091825} + 1$	930736	L5178	21	
1372	$38 \cdot 875^{316292} - 1$	930536	L4001	19	
1373	$5 \cdot 2^{3090860} - 1$	930443	L1862	12	
1374	$12512992^{131072} + 1$	930266	L4814	18	Generalized Fermat
1375	$12357518^{131072} + 1$	929554	L4295	18	Generalized Fermat
1376	$12343130^{131072} + 1$	929488	L4720	18	Generalized Fermat
1377	$297 \cdot 2^{3087543} + 1$	929446	L5326	21	
1378	$1149 \cdot 2^{3087514} + 1$	929438	L5407	21	
1379	$745 \cdot 2^{3087428} + 1$	929412	L5178	21	
1380	$373 \cdot 520^{342177} + 1$	929357	L3610	14	
1381	$19401 \cdot 2^{3086450} - 1$	929119	L541	15	
1382	$75 \cdot 2^{3086355} + 1$	929088	L3760	15	
1383	$65 \cdot 2^{3080952} - 1$	927461	L2484	20	
1384	$11876066^{131072} + 1$	927292	L4737	18	Generalized Fermat
1385	$1139 \cdot 2^{3079783} + 1$	927111	L5174	21	
1386	$271 \cdot 2^{3079189} - 1$	926931	L2484	18	
1387	$766 \cdot 33^{610412} + 1$	926923	L4001	16	
1388	$11778792^{131072} + 1$	926824	L4672	18	Generalized Fermat
1389	$555 \cdot 2^{3078792} + 1$	926812	L5226	21	
1390	$31 \cdot 332^{367560} + 1$	926672	L4294	18	
1391	$167 \cdot 2^{3077568} - 1$	926443	L1862	19	
1392	$10001 \cdot 2^{3075602} - 1$	925853	L4405	19	
1393	$116 \cdot 107^{455562} - 1$	924513	L4064	21	
1394	$11292782^{131072} + 1$	924425	L4672	18	Generalized Fermat
1395	$14844 \cdot 430^{350980} - 1$	924299	L4001	16	
1396	$11267296^{131072} + 1$	924297	L4654	17	Generalized Fermat
1397	$4 \cdot 3^{1936890} + 1$	924132	L4965	20	Generalized Fermat
1398	$1105 \cdot 2^{3069884} + 1$	924131	L5314	21	
1399	$319 \cdot 2^{3069362} + 1$	923973	L5377	21	
1400	$11195602^{131072} + 1$	923933	L4706	17	Generalized Fermat
1401	$973 \cdot 2^{3069092} + 1$	923892	L5214	21	
1402	$765 \cdot 2^{3068511} + 1$	923717	L5174	21	
1403	$60849 \cdot 2^{3067914} + 1$	923539	L591	14	
1404	$674 \cdot 249^{385359} + 1$	923400	L5410	19	
1405	$499 \cdot 2^{3066970} + 1$	923253	L5373	21	
1406	$553 \cdot 2^{3066838} + 1$	923213	L5368	21	
1407	$629 \cdot 2^{3066827} + 1$	923210	L5226	21	

rank	description	digits	who	year	comment
1408	$11036888^{131072} + 1$	923120	L4660	17	Generalized Fermat
1409	$261 \cdot 2^{3066009} + 1$	922964	L5197	21	
1410	$10994460^{131072} + 1$	922901	L4704	17	Generalized Fermat
1411	$21 \cdot 2^{3065701} + 1$	922870	p286	12	
1412	$10962066^{131072} + 1$	922733	L4702	17	Generalized Fermat
1413	$10921162^{131072} + 1$	922520	L4559	17	Generalized Fermat
1414	$875 \cdot 2^{3063847} + 1$	922313	L5364	21	
1415	$43 \cdot 2^{3063674} + 1$	922260	L3432	13	
1416	$677 \cdot 2^{3063403} + 1$	922180	L5346	21	
1417	$8460 \cdot 241^{387047} - 1$	921957	L5410	19	
1418	$10765720^{131072} + 1$	921704	L4695	17	Generalized Fermat
1419	$111 \cdot 2^{3060238} - 1$	921226	L2484	20	
1420	$1165 \cdot 2^{3060228} + 1$	921224	L5360	21	
1421	$5 \cdot 2^{3059698} - 1$	921062	L503	08	
1422	$10453790^{131072} + 1$	920031	L4694	17	Generalized Fermat
1423	$453 \cdot 2^{3056181} + 1$	920005	L5320	21	
1424	$791 \cdot 2^{3055695} + 1$	919859	L5177	21	
1425	$10368632^{131072} + 1$	919565	L4692	17	Generalized Fermat
1426	$123 \cdot 2^{3049038} + 1$	917854	L4119	15	
1427	$10037266^{131072} + 1$	917716	L4691	17	Generalized Fermat
1428	$400 \cdot 95^{463883} - 1$	917435	L4001	19	
1429	$9907326^{131072} + 1$	916975	L4690	17	Generalized Fermat
1430	$454 \cdot 383^{354814} + 1$	916558	L2012	20	
1431	$9785844^{131072} + 1$	916272	L4326	17	Generalized Fermat
1432	$435 \cdot 2^{3041954} + 1$	915723	L5320	21	
1433	$639 \cdot 2^{3040438} + 1$	915266	L5320	21	
1434	$1045 \cdot 2^{3037988} + 1$	914529	L5178	21	
1435	$291 \cdot 2^{3037904} + 1$	914503	L3545	15	
1436	$311 \cdot 2^{3037565} + 1$	914401	L5178	21	
1437	$373 \cdot 2^{3036746} + 1$	914155	L5178	21	
1438	$9419976^{131072} + 1$	914103	L4591	17	Generalized Fermat
1439	$801 \cdot 2^{3036045} + 1$	913944	L5348	21	
1440	$915 \cdot 2^{3033775} + 1$	913261	L5178	21	
1441	$38804 \cdot 3^{1913975} + 1$	913203	L5410	21	
1442	$9240606^{131072} + 1$	913009	L4591	17	Generalized Fermat
1443	$869 \cdot 2^{3030655} + 1$	912322	L5260	21	
1444	$643 \cdot 2^{3030650} + 1$	912320	L5320	21	
1445	$99 \cdot 2^{3029959} - 1$	912111	L1862	20	
1446	$417 \cdot 2^{3029342} + 1$	911926	L5178	21	
1447	$345 \cdot 2^{3027769} + 1$	911452	L5343	21	
1448	$26 \cdot 3^{1910099} + 1$	911351	L4799	20	
1449	$355 \cdot 2^{3027372} + 1$	911333	L5174	21	
1450	$99 \cdot 2^{3026660} - 1$	911118	L1862	20	
1451	$417 \cdot 2^{3026492} + 1$	911068	L5197	21	
1452	$1065 \cdot 2^{3025527} + 1$	910778	L5208	21	
1453	$34202 \cdot 3^{1908800} + 1$	910734	L5410	21	
1454	$8343 \cdot 42^{560662} + 1$	910099	L4444	20	
1455	$699 \cdot 2^{3023263} + 1$	910096	L5335	21	

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1456	$8770526^{131072} + 1$	910037	L4245	17	Generalized Fermat
1457	$8704114^{131072} + 1$	909604	L4670	17	Generalized Fermat
1458	$383731 \cdot 2^{3021377} - 1$	909531	L466	11	
1459	$46821 \cdot 2^{3021380} - 374567$	909531	p363	13	
1460	$2^{3021377} - 1$	909526	G3	98	Mersenne 37
1461	$615 \cdot 2^{3019445} + 1$	908947	L5260	21	
1462	$389 \cdot 2^{3019025} + 1$	908820	L5178	21	
1463	$875 \cdot 2^{3018175} + 1$	908565	L5334	21	
1464	$555 \cdot 2^{3016352} + 1$	908016	L5178	21	
1465	$7 \cdot 2^{3015762} + 1$	907836	g279	08	
1466	$759 \cdot 2^{3015314} + 1$	907703	L5178	21	
1467	$32582 \cdot 3^{1901790} + 1$	907389	L5372	21	
1468	$75 \cdot 2^{3012342} + 1$	906808	L3941	15	
1469	$459 \cdot 2^{3011814} + 1$	906650	L5178	21	
1470	$991 \cdot 2^{3010036} + 1$	906115	L5326	21	
1471	$583 \cdot 2^{3009698} + 1$	906013	L5325	21	
1472	$8150484^{131072} + 1$	905863	L4249	17	Generalized Fermat
1473	$593 \cdot 2^{3006969} + 1$	905191	L5178	21	
1474	$367 \cdot 2^{3004536} + 1$	904459	L5178	21	
1475	$7926326^{131072} + 1$	904276	L4249	17	Generalized Fermat
1476	$1003 \cdot 2^{3003756} + 1$	904224	L5320	21	
1477	$573 \cdot 2^{3002662} + 1$	903895	L5319	21	
1478	$7858180^{131072} + 1$	903784	L4201	17	Generalized Fermat
1479	$329 \cdot 2^{3002295} + 1$	903784	L5318	21	
1480	$7832704^{131072} + 1$	903599	L4249	17	Generalized Fermat
1481	$268514 \cdot 5^{1292240} - 1$	903243	L3562	13	
1482	$7 \cdot 10^{902708} + 1$	902709	p342	13	
1483	$435 \cdot 2^{2997453} + 1$	902326	L5167	21	
1484	$583 \cdot 2^{2996526} + 1$	902047	L5174	21	
1485	$1037 \cdot 2^{2995695} + 1$	901798	L5178	21	
1486	$717 \cdot 2^{2995326} + 1$	901686	L5178	21	
1487	$885 \cdot 2^{2995274} + 1$	901671	L5178	21	
1488	$43 \cdot 2^{2994958} + 1$	901574	L3222	13	
1489	$1065 \cdot 2^{2994154} + 1$	901334	L5315	21	
1490	$561 \cdot 2^{2994132} + 1$	901327	L5314	21	
1491	$1095 \cdot 2^{2992587} - 1$	900862	L1828	11	
1492	$519 \cdot 2^{2991849} + 1$	900640	L5311	21	
1493	$7379442^{131072} + 1$	900206	L4201	17	Generalized Fermat
1494	$459 \cdot 2^{2990134} + 1$	900123	L5197	21	
1495	$15 \cdot 2^{2988834} + 1$	899730	p286	12	
1496	$29 \cdot 564^{326765} + 1$	899024	L4001	17	
1497	$971 \cdot 2^{2982525} + 1$	897833	L5197	21	
1498	$1033 \cdot 2^{2980962} + 1$	897362	L5305	21	
1499	$39 \cdot 2^{2978894} + 1$	896739	L2719	13	
1500	$38 \cdot 977^{299737} + 1$	896184	L5410	21	
1501	$4348099 \cdot 2^{2976221} - 1$	895939	L466	08	
1502	$205833 \cdot 2^{2976222} - 411665$	895938	L4667	17	
1503	$18976 \cdot 2^{2976221} - 18975$	895937	p373	14	

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1504	$2^{2976221} - 1$	895932	G2	97	Mersenne 36
1505	$1024 \cdot 3^{1877301} + 1$	895704	p378	14	
1506	$1065 \cdot 2^{2975442} + 1$	895701	L5300	21	Divides $GF(2975440, 3)$
1507	$24704 \cdot 3^{1877135} + 1$	895626	L5410	21	
1508	$591 \cdot 2^{2975069} + 1$	895588	L5299	21	
1509	$249 \cdot 2^{2975002} + 1$	895568	L2322	15	
1510	$195 \cdot 2^{2972947} + 1$	894949	L3234	15	
1511	$6705932^{131072} + 1$	894758	L4201	17	Generalized Fermat
1512	$391 \cdot 2^{2971600} + 1$	894544	L5242	21	
1513	$46425 \cdot 2^{2971203} + 1$	894426	L2777	14	Generalized Cullen
1514	$625 \cdot 2^{2970336} + 1$	894164	L5233	21	Generalized Fermat
1515	$493 \cdot 72^{480933} + 1$	893256	L3610	14	
1516	$561 \cdot 2^{2964753} + 1$	892483	L5161	21	
1517	$1185 \cdot 2^{2964350} + 1$	892362	L5161	21	
1518	$6403134^{131072} + 1$	892128	L4510	16	Generalized Fermat
1519	$6391936^{131072} + 1$	892028	L4511	16	Generalized Fermat
1520	$21 \cdot 2^{2959789} - 1$	890987	L5313	21	
1521	$627 \cdot 2^{2959098} + 1$	890781	L5197	21	
1522	$45 \cdot 2^{2958002} - 1$	890449	L1862	17	
1523	$729 \cdot 2^{2955389} + 1$	889664	L5282	21	
1524	$198677 \cdot 2^{2950515} + 1$	888199	L2121	12	
1525	$88 \cdot 985^{296644} + 1$	887987	L5410	20	
1526	$5877582^{131072} + 1$	887253	L4245	16	Generalized Fermat
1527	$17 \cdot 2^{2946584} - 1$	887012	L3519	13	
1528	$489 \cdot 2^{2944673} + 1$	886438	L5167	21	
1529	$141 \cdot 2^{2943065} + 1$	885953	L3719	15	
1530	$757 \cdot 2^{2942742} + 1$	885857	L5261	21	
1531	$5734100^{131072} + 1$	885846	L4477	16	Generalized Fermat
1532	$33 \cdot 2^{2939064} - 5606879602425 \cdot 2^{1290000} - 1$	884748	p423	21	Arithmetic progression $(3, d = 33 \cdot 2^{2939063} - 5606879602425 \cdot 2^{1290000})$
1533	$33 \cdot 2^{2939063} - 1$	884748	L3345	13	
1534	$5903 \cdot 2^{2938744} - 1$	884654	L4036	15	
1535	$717 \cdot 2^{2937963} + 1$	884418	L5256	21	
1536	$5586416^{131072} + 1$	884361	L4454	16	Generalized Fermat
1537	$243 \cdot 2^{2937316} + 1$	884223	L4114	15	
1538	$973 \cdot 2^{2937046} + 1$	884142	L5253	21	
1539	$61 \cdot 2^{2936967} - 1$	884117	L2484	17	
1540	$903 \cdot 2^{2934602} + 1$	883407	L5246	21	
1541	$5471814^{131072} + 1$	883181	L4362	16	Generalized Fermat
1542	$188 \cdot 228^{374503} + 1$	883056	L4786	20	
1543	$53 \cdot 248^{368775} + 1$	883016	L5196	20	
1544	$5400728^{131072} + 1$	882436	L4201	16	Generalized Fermat
1545	$17 \cdot 326^{350899} + 1$	881887	L4786	19	
1546	$855 \cdot 2^{2929550} + 1$	881886	L5200	21	
1547	$5326454^{131072} + 1$	881648	L4201	16	Generalized Fermat
1548	$839 \cdot 2^{2928551} + 1$	881585	L5242	21	
1549	$7019 \cdot 10^{881309} - 1$	881313	L3564	13	

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1550	$25 \cdot 2^{2927222} + 1$	881184	L1935	13	Generalized Fermat
1551	$577 \cdot 2^{2925602} + 1$	880697	L5201	21	
1552	$97366 \cdot 5^{1259955} - 1$	880676	L3567	13	
1553	$973 \cdot 2^{2923062} + 1$	879933	L5228	21	
1554	$1126 \cdot 177^{391360} + 1$	879770	L4955	20	
1555	$243944 \cdot 5^{1258576} - 1$	879713	L3566	13	
1556	$693 \cdot 2^{2921528} + 1$	879471	L5201	21	
1557	$6 \cdot 10^{879313} + 1$	879314	L5009	19	
1558	$269 \cdot 2^{2918105} + 1$	878440	L2715	15	
1559	$331 \cdot 2^{2917844} + 1$	878362	L5210	21	
1560	$169 \cdot 2^{2917805} - 1$	878350	L2484	18	
1561	$1085 \cdot 2^{2916967} + 1$	878098	L5174	20	
1562	$389 \cdot 2^{2916499} + 1$	877957	L5215	20	
1563	$431 \cdot 2^{2916429} + 1$	877936	L5214	20	
1564	$1189 \cdot 2^{2916406} + 1$	877929	L5174	20	
1565	$7 \cdot 2^{2915954} + 1$	877791	g279	08	Divides $GF(2915953, 12)$ [g322]
1566	$4974408^{131072} + 1$	877756	L4380	16	Generalized Fermat
1567	$465 \cdot 2^{2914079} + 1$	877228	L5210	20	
1568	$427194 \cdot 113^{427194} + 1$	877069	p310	12	Generalized Cullen
1569	$4893072^{131072} + 1$	876817	L4303	16	Generalized Fermat
1570	$493 \cdot 2^{2912552} + 1$	876769	L5192	21	
1571	$143157 \cdot 2^{2911403} + 1$	876425	L4504	17	
1572	$567 \cdot 2^{2910402} + 1$	876122	L5201	20	
1573	$683 \cdot 2^{2909217} + 1$	875765	L5199	20	
1574	$674 \cdot 249^{365445} + 1$	875682	L5410	19	
1575	$475 \cdot 2^{2908802} + 1$	875640	L5192	21	
1576	$371 \cdot 2^{2907377} + 1$	875211	L5197	20	
1577	$207 \cdot 2^{2903535} + 1$	874054	L3173	15	
1578	$851 \cdot 2^{2902731} + 1$	873813	L5177	20	
1579	$777 \cdot 2^{2901907} + 1$	873564	L5192	20	
1580	$717 \cdot 2^{2900775} + 1$	873224	L5185	20	
1581	$99 \cdot 2^{2899303} - 1$	872780	L1862	17	
1582	$63 \cdot 2^{2898957} + 1$	872675	L3262	13	
1583	$11 \cdot 2^{2897409} + 1$	872209	L2973	13	Divides $GF(2897408, 3)$
1584	$747 \cdot 2^{2895307} + 1$	871578	L5178	20	
1585	$403 \cdot 2^{2894566} + 1$	871354	L5180	20	
1586	$629 \cdot 2^{2892961} + 1$	870871	L5173	20	
1587	$627 \cdot 2^{2891514} + 1$	870436	L5168	20	
1588	$363 \cdot 2^{2890208} + 1$	870042	L3261	20	
1589	$471 \cdot 2^{2890148} + 1$	870024	L5158	20	
1590	$4329134^{131072} + 1$	869847	L4395	16	Generalized Fermat
1591	$583 \cdot 2^{2889248} + 1$	869754	L5139	20	
1592	$955 \cdot 2^{2887934} + 1$	869358	L4958	20	
1593	$937 \cdot 2^{2887130} + 1$	869116	L5134	20	
1594	$885 \cdot 2^{2886389} + 1$	868893	L3924	20	
1595	$763 \cdot 2^{2885928} + 1$	868754	L2125	20	
1596	$1071 \cdot 2^{2884844} + 1$	868428	L3593	20	
1597	$1181 \cdot 2^{2883981} + 1$	868168	L3593	20	

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1598	$51 \cdot 2^{2881227} + 1$	867338	L3512	13	
1599	$933 \cdot 2^{2879973} + 1$	866962	L4951	20	
1600	$261 \cdot 2^{2879941} + 1$	866952	L4119	15	
1601	$4085818^{131072} + 1$	866554	L4201	16	Generalized Fermat
1602	$65 \cdot 2^{2876718} - 1$	865981	L2484	16	
1603	$21 \cdot 948^{290747} - 1$	865500	L4985	19	
1604	$4013 \cdot 2^{2873250} - 1$	864939	L1959	14	
1605	$41 \cdot 2^{2872058} - 1$	864578	L2484	13	
1606	$359 \cdot 2^{2870935} + 1$	864241	L1300	20	
1607	$165 \cdot 2^{2870868} + 1$	864220	L4119	15	
1608	$961 \cdot 2^{2870596} + 1$	864139	L1300	20	Generalized Fermat
1609	$665 \cdot 2^{2869847} + 1$	863913	L2885	20	
1610	$283 \cdot 2^{2868750} + 1$	863583	L3877	15	
1611	$845 \cdot 2^{2868291} + 1$	863445	L5100	20	
1612	$3125 \cdot 2^{2867399} + 1$	863177	L1754	19	
1613	$701 \cdot 2^{2867141} + 1$	863099	L1422	20	
1614	$3814944^{131072} + 1$	862649	L4201	16	Generalized Fermat
1615	$307 \cdot 2^{2862962} + 1$	861840	L4740	20	
1616	$147 \cdot 2^{2862651} + 1$	861746	L1741	15	
1617	$1207 \cdot 2^{2861901} - 1$	861522	L1828	11	
1618	$231 \cdot 2^{2860725} + 1$	861167	L2873	15	
1619	$193 \cdot 2^{2858812} + 1$	860591	L2997	15	
1620	$629 \cdot 2^{2857891} + 1$	860314	L3035	20	
1621	$493 \cdot 2^{2857856} + 1$	860304	L5087	20	
1622	$241 \cdot 2^{2857313} - 1$	860140	L2484	18	
1623	$707 \cdot 2^{2856331} + 1$	859845	L5084	20	
1624	$3615210^{131072} + 1$	859588	L4201	16	Generalized Fermat
1625	$949 \cdot 2^{2854946} + 1$	859428	L2366	20	
1626	$222361 \cdot 2^{2854840} + 1$	859398	g403	06	
1627	$725 \cdot 2^{2854661} + 1$	859342	L5031	20	
1628	$399 \cdot 2^{2851994} + 1$	858539	L4099	20	
1629	$225 \cdot 2^{2851959} + 1$	858528	L3941	15	
1630	$247 \cdot 2^{2851602} + 1$	858421	L3865	15	
1631	$183 \cdot 2^{2850321} + 1$	858035	L2117	15	
1632	$1191 \cdot 2^{2849315} + 1$	857733	L1188	20	
1633	$717 \cdot 2^{2848598} + 1$	857517	L1204	20	
1634	$795 \cdot 2^{2848360} + 1$	857445	L4099	20	
1635	$3450080^{131072} + 1$	856927	L4201	16	Generalized Fermat
1636	$705 \cdot 2^{2846638} + 1$	856927	L1808	20	
1637	$369 \cdot 2^{2846547} + 1$	856899	L4099	20	
1638	$233 \cdot 2^{2846392} - 1$	856852	L2484	21	
1639	$955 \cdot 2^{2844974} + 1$	856426	L1188	20	
1640	$753 \cdot 2^{2844700} + 1$	856343	L1204	20	
1641	$11138 \cdot 745^{297992} - 1$	855884	L4189	19	
1642	$111 \cdot 2^{2841992} + 1$	855527	L1792	15	
1643	$44 \cdot 744^{297912} - 1$	855478	L5410	21	
1644	$649 \cdot 2^{2841318} + 1$	855325	L4732	20	
1645	$305 \cdot 2^{2840155} + 1$	854975	L4907	20	

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1646	$1149 \cdot 2^{2839622} + 1$	854815	L2042	20	
1647	$95 \cdot 2^{2837909} + 1$	854298	L3539	13	
1648	$199 \cdot 2^{2835667} - 1$	853624	L2484	19	
1649	$595 \cdot 2^{2833406} + 1$	852943	L4343	20	
1650	$1101 \cdot 2^{2832061} + 1$	852539	L4930	20	
1651	$813 \cdot 2^{2831757} + 1$	852447	L4951	20	
1652	$435 \cdot 2^{2831709} + 1$	852432	L4951	20	
1653	$543 \cdot 2^{2828217} + 1$	851381	L4746	19	
1654	$704 \cdot 249^{354745} + 1$	850043	L5410	19	
1655	$1001 \cdot 2^{2822037} + 1$	849521	L1209	19	
1656	$84466 \cdot 5^{1215373} - 1$	849515	L3562	13	
1657	$97 \cdot 2^{2820650} + 1$	849103	L2163	13	
1658	$107 \cdot 2^{2819922} - 1$	848884	L2484	13	
1659	$84256 \cdot 3^{1778899} + 1$	848756	L4789	18	
1660	$45472 \cdot 3^{1778899} - 1$	848756	L4789	18	
1661	$14804 \cdot 3^{1778530} + 1$	848579	L4064	21	
1662	$497 \cdot 2^{2818787} + 1$	848543	L4842	19	
1663	$97 \cdot 2^{2818306} + 1$	848397	L3262	13	
1664	$313 \cdot 2^{2817751} - 1$	848231	L802	21	
1665	$177 \cdot 2^{2816050} + 1$	847718	L129	12	
1666	$553 \cdot 2^{2815596} + 1$	847582	L4980	19	
1667	$1071 \cdot 2^{2814469} + 1$	847243	L3035	19	
1668	$105 \cdot 2^{2813000} + 1$	846800	L3200	15	
1669	$1115 \cdot 2^{2812911} + 1$	846774	L1125	19	
1670	$96 \cdot 10^{846519} - 1$	846521	L2425	11	Near-repdigit
1671	$763 \cdot 2^{2811726} + 1$	846417	L3919	19	
1672	$1125 \cdot 2^{2811598} + 1$	846379	L4981	19	
1673	$891 \cdot 2^{2810100} + 1$	845928	L4981	19	
1674	$441 \cdot 2^{2809881} + 1$	845862	L4980	19	
1675	$711 \cdot 2^{2808473} + 1$	845438	L1502	19	
1676	$1089 \cdot 2^{2808231} + 1$	845365	L4687	19	
1677	$63 \cdot 2^{2807130} + 1$	845033	L3262	13	
1678	$1083 \cdot 2^{2806536} + 1$	844855	L3035	19	
1679	$675 \cdot 2^{2805669} + 1$	844594	L1932	19	
1680	$819 \cdot 2^{2805389} + 1$	844510	L3372	19	
1681	$1027 \cdot 2^{2805222} + 1$	844459	L3035	19	
1682	$437 \cdot 2^{2803775} + 1$	844024	L3168	19	
1683	$4431 \cdot 372^{327835} - 1$	842718	L5410	19	
1684	$150344 \cdot 5^{1205508} - 1$	842620	L3547	13	
1685	$311 \cdot 2^{2798459} + 1$	842423	L4970	19	
1686	$81 \cdot 2^{2797443} - 1$	842117	L3887	21	
1687	$400254 \cdot 127^{400254} + 1$	842062	g407	13	Generalized Cullen
1688	$2639850^{131072} + 1$	841690	L4249	16	Generalized Fermat
1689	$43 \cdot 2^{2795582} + 1$	841556	L2842	13	
1690	$1001 \cdot 2^{2794357} + 1$	841189	L1675	19	
1691	$117 \cdot 2^{2794014} + 1$	841085	L1741	15	
1692	$1057 \cdot 2^{2792700} + 1$	840690	L1675	19	
1693	$345 \cdot 2^{2792269} + 1$	840560	L1754	19	

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1694	$711 \cdot 2^{2792072} + 1$	840501	L4256	19	
1695	$315 \cdot 2^{2791414} - 1$	840302	L2235	21	
1696	$973 \cdot 2^{2789516} + 1$	839731	L3372	19	
1697	$27602 \cdot 3^{1759590} + 1$	839543	L4064	21	
1698	$2187 \cdot 2^{2786802} + 1$	838915	L1745	19	
1699	$15 \cdot 2^{2785940} + 1$	838653	p286	12	
1700	$333 \cdot 2^{2785626} - 1$	838560	L802	21	
1701	$1337 \cdot 2^{2785444} - 1$	838506	L4518	17	
1702	$711 \cdot 2^{2784213} + 1$	838135	L4687	19	
1703	$58582 \cdot 91^{427818} + 1$	838118	L5410	20	
1704	$923 \cdot 2^{2783153} + 1$	837816	L1675	19	
1705	$1103 \cdot 2^{2783149} + 1$	837815	L3784	19	
1706	$485 \cdot 2^{2778151} + 1$	836310	L1745	19	
1707	$600921 \cdot 2^{2776014} - 1$	835670	g337	17	
1708	$1129 \cdot 2^{2774934} + 1$	835342	L1774	19	
1709	$750 \cdot 1017^{277556} - 1$	834703	L4955	21	
1710	$8700 \cdot 241^{350384} - 1$	834625	L5410	19	
1711	$1023 \cdot 2^{2772512} + 1$	834613	L4724	19	
1712	$656 \cdot 249^{348030} + 1$	833953	L5410	19	
1713	$92 \cdot 10^{833852} - 1$	833854	L4789	18	Near-repdigit
1714	$437 \cdot 2^{2769299} + 1$	833645	L3760	19	
1715	$967 \cdot 2^{2768408} + 1$	833377	L3760	19	
1716	$2280466^{131072} + 1$	833359	L4201	16	Generalized Fermat
1717	$1171 \cdot 2^{2768112} + 1$	833288	L2676	19	
1718	$57 \cdot 2^{2765963} + 1$	832640	L3262	13	
1719	$1323 \cdot 2^{2764024} + 1$	832058	L1115	19	
1720	$77 \cdot 2^{2762047} + 1$	831461	L3430	13	
1721	$745 \cdot 2^{2761514} + 1$	831302	L1204	19	
1722	$2194180^{131072} + 1$	831164	L4276	16	Generalized Fermat
1723	$7 \cdot 10^{830865} + 1$	830866	p342	14	
1724	$893 \cdot 2^{2758841} + 1$	830497	L4826	19	
1725	$537 \cdot 2^{2755164} + 1$	829390	L3035	19	
1726	$579 \cdot 2^{2754370} + 1$	829151	L1823	19	
1727	$441 \cdot 2^{2754188} + 1$	829096	L2564	19	Generalized Fermat
1728	$215 \cdot 2^{2751022} - 1$	828143	L2484	18	
1729	$337 \cdot 2^{2750860} + 1$	828094	L4854	19	
1730	$701 \cdot 2^{2750267} + 1$	827916	L3784	19	
1731	$467 \cdot 2^{2749195} + 1$	827593	L1745	19	
1732	$245 \cdot 2^{2748663} + 1$	827433	L3173	15	
1733	$591 \cdot 2^{2748315} + 1$	827329	L3029	19	
1734	$57 \cdot 2^{2747499} + 1$	827082	L3514	13	Divides Fermat $F(2747497)$
1735	$1089 \cdot 2^{2746155} + 1$	826679	L2583	19	
1736	$707 \cdot 2^{2745815} + 1$	826576	L3760	19	
1737	$459 \cdot 2^{2742310} + 1$	825521	L4582	19	
1738	$777 \cdot 2^{2742196} + 1$	825487	L3919	19	
1739	$609 \cdot 2^{2741078} + 1$	825150	L3091	19	
1740	$639 \cdot 2^{2740186} + 1$	824881	L4958	19	
1741	$905 \cdot 2^{2739805} + 1$	824767	L4958	19	

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1742	$1955556^{131072} + 1$	824610	L4250	15	Generalized Fermat
1743	$777 \cdot 2^{2737282} + 1$	824007	L1823	19	
1744	$765 \cdot 2^{2735232} + 1$	823390	L1823	19	
1745	$609 \cdot 2^{2735031} + 1$	823330	L1823	19	
1746	$305 \cdot 2^{2733989} + 1$	823016	L1823	19	
1747	$165 \cdot 2^{2732983} + 1$	822713	L1741	15	
1748	$1133 \cdot 2^{2731993} + 1$	822415	L4687	19	
1749	$251 \cdot 2^{2730917} + 1$	822091	L3924	15	
1750	$1185 \cdot 2^{2730620} + 1$	822002	L4948	19	
1751	$173 \cdot 2^{2729905} + 1$	821786	L3895	15	
1752	$1981 \cdot 2^{2728877} - 1$	821478	L1134	18	
1753	$693 \cdot 2^{2728537} + 1$	821375	L3035	19	
1754	$501 \cdot 2^{2728224} + 1$	821280	L3035	19	
1755	$763 \cdot 2^{2727928} + 1$	821192	L3924	19	
1756	$10 \cdot 743^{285478} + 1$	819606	L4955	19	
1757	$17 \cdot 2^{2721830} - 1$	819354	p279	10	
1758	$1101 \cdot 2^{2720091} + 1$	818833	L4935	19	
1759	$1766192^{131072} + 1$	818812	L4231	15	Generalized Fermat
1760	$165 \cdot 2^{2717378} - 1$	818015	L2055	12	
1761	$68633 \cdot 2^{2715609} + 1$	817485	L5105	20	
1762	$1722230^{131072} + 1$	817377	L4210	15	Generalized Fermat
1763	$9574 \cdot 5^{1169232} + 1$	817263	L5410	21	
1764	$1717162^{131072} + 1$	817210	L4226	15	Generalized Fermat
1765	$133 \cdot 2^{2713410} + 1$	816820	L3223	15	
1766	$45 \cdot 2^{2711732} + 1$	816315	L1349	12	
1767	$569 \cdot 2^{2711451} + 1$	816231	L4568	19	
1768	$12830 \cdot 3^{1709456} + 1$	815622	L5410	21	
1769	$335 \cdot 2^{2708958} - 1$	815481	L2235	20	
1770	$93 \cdot 2^{2708718} - 1$	815408	L1862	16	
1771	$1660830^{131072} + 1$	815311	L4207	15	Generalized Fermat
1772	$837 \cdot 2^{2708160} + 1$	815241	L4314	19	
1773	$1005 \cdot 2^{2707268} + 1$	814972	L4687	19	
1774	$13 \cdot 458^{306196} + 1$	814748	L3610	15	
1775	$253 \cdot 2^{2705844} + 1$	814543	L4083	15	
1776	$657 \cdot 2^{2705620} + 1$	814476	L4907	19	
1777	$39 \cdot 2^{2705367} + 1$	814399	L1576	13	Divides $GF(2705360, 3)$
1778	$303 \cdot 2^{2703864} + 1$	813947	L1204	19	
1779	$141 \cdot 2^{2702160} + 1$	813434	L1741	15	
1780	$753 \cdot 2^{2701925} + 1$	813364	L4314	19	
1781	$133 \cdot 2^{2701452} + 1$	813221	L3173	15	
1782	$521 \cdot 2^{2700095} + 1$	812813	L4854	19	
1783	$393 \cdot 2^{2698956} + 1$	812470	L1823	19	
1784	$417 \cdot 2^{2698652} + 1$	812378	L3035	19	
1785	$525 \cdot 2^{2698118} + 1$	812218	L1823	19	
1786	$3125 \cdot 2^{2697651} + 1$	812078	L3924	19	
1787	$153 \cdot 2^{2697173} + 1$	811933	L3865	15	
1788	$1560730^{131072} + 1$	811772	L4201	15	Generalized Fermat
1789	$26 \cdot 3^{1700041} + 1$	811128	L4799	20	

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1790	$\text{Phi}(3, -1538654^{65536})$	810961	L4561	17	Generalized unique
1791	$11 \cdot 2^{2691961} + 1$	810363	p286	13	Divides $GF(2691960, 12)$
1792	$58 \cdot 536^{296735} - 1$	809841	L5410	21	
1793	$33016 \cdot 3^{1696980} + 1$	809670	L5366	21	
1794	$7335 \cdot 2^{2689080} - 1$	809498	L4036	15	
1795	$1049 \cdot 2^{2688749} + 1$	809398	L4869	18	
1796	$329 \cdot 2^{2688221} + 1$	809238	L3035	18	
1797	$865 \cdot 2^{2687434} + 1$	809002	L4844	18	
1798	$989 \cdot 2^{2686591} + 1$	808748	L2805	18	
1799	$136 \cdot 904^{273532} + 1$	808609	L5410	20	
1800	$243 \cdot 2^{2685873} + 1$	808531	L3865	15	
1801	$909 \cdot 2^{2685019} + 1$	808275	L3431	18	
1802	$1455 \cdot 2^{2683954} - 6325241166627 \cdot 2^{1290000} - 1$	807954	p423	21	Arithmetic progression $(3, d = 1455 \cdot 2^{2683953} - 6325241166627 \cdot 2^{1290000})$
1803	$1455 \cdot 2^{2683953} - 1$	807954	L1134	20	
1804	$11210 \cdot 241^{339153} - 1$	807873	L5410	19	
1805	$\text{Phi}(3, -1456746^{65536})$	807848	L4561	17	Generalized unique
1806	$975 \cdot 2^{2681840} + 1$	807318	L4155	18	
1807	$295 \cdot 2^{2680932} + 1$	807044	L1741	15	
1808	$\text{Phi}(3, -1427604^{65536})$	806697	L4561	17	Generalized unique
1809	$575 \cdot 2^{2679711} + 1$	806677	L2125	18	
1810	$2386 \cdot 52^{469972} + 1$	806477	L4955	19	
1811	$219 \cdot 2^{2676229} + 1$	805628	L1792	15	
1812	$637 \cdot 2^{2675976} + 1$	805552	L3035	18	
1813	$\text{Phi}(3, -1395583^{65536})$	805406	L4561	17	Generalized unique
1814	$951 \cdot 2^{2674564} + 1$	805127	L1885	18	
1815	$1372930^{131072} + 1$	804474	g236	03	Generalized Fermat
1816	$662 \cdot 1009^{267747} - 1$	804286	L5410	20	
1817	$261 \cdot 2^{2671677} + 1$	804258	L3035	15	
1818	$895 \cdot 2^{2671520} + 1$	804211	L3035	18	
1819	$1361244^{131072} + 1$	803988	g236	04	Generalized Fermat
1820	$789 \cdot 2^{2670409} + 1$	803877	L3035	18	
1821	$256 \cdot 11^{771408} + 1$	803342	L3802	14	Generalized Fermat
1822	$503 \cdot 2^{2668529} + 1$	803310	L4844	18	
1823	$255 \cdot 2^{2668448} + 1$	803286	L1129	15	
1824	$4189 \cdot 2^{2666639} - 1$	802742	L1959	17	
1825	$539 \cdot 2^{2664603} + 1$	802129	L4717	18	
1826	$26036 \cdot 745^{279261} - 1$	802086	L4189	20	
1827	$1396 \cdot 5^{1146713} - 1$	801522	L3547	13	
1828	$267 \cdot 2^{2662090} + 1$	801372	L3234	15	Divides Fermat $F(2662088)$
1829	$51 \cdot 892^{271541} + 1$	801147	L5410	19	
1830	$297 \cdot 2^{2660048} + 1$	800757	L3865	15	
1831	$99 \cdot 2^{2658496} - 1$	800290	L1862	21	
1921	$334310 \cdot 211^{334310} - 1$	777037	p350	12	Generalized Woodall
1961	$169 \cdot 2^{2545526} + 1$	766282	L2125	15	Divides $GF(2545525, 10)$, generalized Fermat

rank	description	digits	who	year	comment
1965	$9 \cdot 2^{2543551} + 1$	765687	L1204	11	Divides Fermat $F(2543548)$, $GF(2543549, 3)$, $GF(2543549, 6)$, $GF(2543549, 12)$
2032	$3 \cdot 2^{2478785} + 1$	746190	g245	03	Divides Fermat $F(2478782)$, $GF(2478782, 3)$, $GF(2478776, 6)$, $GF(2478782, 12)$
2065	$41676 \cdot 7^{875197} - 1$	739632	L2777	12	Generalized Woodall
2182	$1183953 \cdot 2^{2367907} - 1$	712818	L447	07	Woodall
2186	$150209! + 1$	712355	p3	11	Factorial
2240	$147855! - 1$	700177	p362	13	Factorial
2286	$3 \cdot 2^{2291610} + 1$	689844	L753	08	Divides $GF(2291607, 3)$, $GF(2291609, 5)$
2323	$2 \cdot 11171^{168429} + 1$	681817	g427	14	Divides $\Phi(11171^{168429}, 2)$
2358	$374565 \cdot 2^{2247391} + 1$	676538	L3532	13	Generalized Cullen
2388	$11 \cdot 2^{2230369} + 1$	671410	L2561	11	Divides $GF(2230368, 3)$
2428	$2 \cdot 179^{294739} + 1$	664004	g424	11	Divides $\Phi(179^{294739}, 2)$
2441	$404882 \cdot 43^{404882} - 1$	661368	p310	11	Generalized Woodall
2445	$2 \cdot 10271^{164621} + 1$	660397	g427	14	Divides $\Phi(10271^{164621}, 2)$
2451	$2 \cdot 659^{233973} + 1$	659544	g424	15	Divides $\Phi(659^{233973}, 2)$
2466	$2 \cdot 191^{287901} + 1$	656713	g424	15	Divides $\Phi(191^{287901}, 2)$
2499	$7 \cdot 2^{2167800} + 1$	652574	g279	07	Divides Fermat $F(2167797)$, $GF(2167799, 5)$, $GF(2167799, 10)$
2509	$1179 \cdot 2^{2158475} + 1$	649769	L3035	14	Divides $GF(2158470, 6)$
2528	$3 \cdot 2^{2145353} + 1$	645817	g245	03	Divides Fermat $F(2145351)$, $GF(2145351, 3)$, $GF(2145352, 5)$, $GF(2145348, 6)$, $GF(2145352, 10)$, $GF(2145351, 12)$
2531	$753 \cdot 2^{2143388} + 1$	645227	L2583	14	Divides $GF(2143383, 3)$
2533	$25 \cdot 2^{2141884} + 1$	644773	L1741	11	Divides Fermat $F(2141872)$, $GF(2141871, 5)$, $GF(2141872, 10)$; generalized Fermat
2536	$7 \cdot 2^{2139912} + 1$	644179	g279	07	Divides $GF(2139911, 12)$
2540	$292402 \cdot 159^{292402} + 1$	643699	g407	12	Generalized Cullen
2550	$93 \cdot 10^{642225} - 1$	642227	L4789	20	Near-repdigit
2583	$189 \cdot 2^{2115473} + 1$	636824	L3784	14	Divides $GF(2115468, 6)$
2595	$316903 \cdot 10^{633806} + 1$	633812	L3532	14	Generalized Cullen
2634	$563528 \cdot 13^{563528} - 1$	627745	p262	09	Generalized Woodall
2636	$437960 \cdot 3^{1313880} + 1$	626886	L2777	12	Generalized Cullen
2639	$107 \cdot 2^{2081775} + 1$	626679	L3432	13	Divides $GF(2081774, 6)$
2644	$269328 \cdot 211^{269328} + 1$	626000	p354	12	Generalized Cullen
2751	$8 \cdot 10^{608989} - 1$	608990	p297	11	Near-repdigit
2765	$45 \cdot 2^{2014557} + 1$	606444	L1349	12	Divides $GF(2014552, 10)$
2766	$251749 \cdot 2^{2013995} - 1$	606279	L436	07	Woodall

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2800	$657 \cdot 2^{1998854} + 1$	601718	L2520	13	Divides $GF(1998852, 10)$
2822	$17 \cdot 2^{1990299} + 1$	599141	g267	06	Divides $GF(1990298, 3)$
2828	$101 \cdot 2^{1988279} + 1$	598534	L3141	13	Divides $GF(1988278, 12)$
2887	$175 \cdot 2^{1962288} + 1$	590710	L2137	13	Divides $GF(1962284, 10)$
2892	$225 \cdot 2^{1960083} + 1$	590047	L3548	13	Divides $GF(1960078, 6)$
2982	$2 \cdot 47^{346759} + 1$	579816	g424	11	Divides $Phi(47^{346759}, 2)$
3095	$1183414 \cdot 3^{1183414} + 1$	564639	L2841	14	Generalized Cullen
3102	$71 \cdot 2^{1873569} + 1$	564003	L1223	11	Divides $GF(1873568, 5)$
3129	$13 \cdot 2^{1861732} + 1$	560439	g267	05	Divides $GF(1861731, 6)$
3205	$3 \cdot 2^{1832496} + 1$	551637	p189	07	Divides $GF(1832490, 3)$, $GF(1832494, 5)$
3220	$39 \cdot 2^{1824871} + 1$	549343	L2664	11	Divides $GF(1824867, 6)$
3262	$92 \cdot 10^{544905} - 1$	544907	L3735	15	Near-repdigit
3362	$45 \cdot 2^{1779971} + 1$	535827	L1223	11	Divides $GF(1779969, 5)$
3376	$5 \cdot 2^{1777515} + 1$	535087	p148	05	Divides $GF(1777511, 5)$, $GF(1777514, 6)$
3385	$129 \cdot 2^{1774709} + 1$	534243	L2526	13	Divides $GF(1774705, 12)$
3500	$190088 \cdot 5^{760352} - 1$	531469	L2841	12	Generalized Woodall
3598	$2 \cdot 191^{232149} + 1$	529540	g424	11	Divides $Phi(191^{232149}, 2)$
3767	$183 \cdot 2^{1747660} + 1$	526101	L2163	13	Divides Fermat $F(1747656)$
4401	$5 \cdot 10^{511056} - 1$	511057	p297	11	Near-repdigit
4499	$63 \cdot 2^{1686050} + 1$	507554	L2085	11	Divides $GF(1686047, 12)$
4515	$110059! + 1$	507082	p312	11	Factorial
4634	$55 \cdot 2^{1669798} + 1$	502662	L2518	11	Divides $GF(1669797, 12)$
4651	$2^{1667321} - 2^{833661} + 1$	501914	L137	11	Gaussian Mersenne norm 38?, generalized unique
4763	$30981 \cdot 14^{433735} - 1$	497121	p77	15	Generalized Woodall
4920	$1035092 \cdot 3^{1035092} - 1$	493871	L3544	13	Generalized Woodall
4972	$2 \cdot 359^{192871} + 1$	492804	g424	14	Divides $Phi(359^{192871}, 2)$
4981	$321671 \cdot 34^{321671} - 1$	492638	L4780	19	Generalized Woodall
5119	$10^{490000} + 3 \cdot (10^{7383} - 1)/9 \cdot 10^{241309} + 1$	490001	p413	21	Palindrome
5542	$216290 \cdot 167^{216290} - 1$	480757	L2777	12	Generalized Woodall
5748	$1098133\# - 1$	476311	p346	12	Primorial
5771	$87 \cdot 2^{1580858} + 1$	475888	L2487	11	Divides $GF(1580856, 6)$
5851	$10^{474500} + 999 \cdot 10^{237249} + 1$	474501	p363	14	Palindrome
5952	$199388 \cdot 233^{199388} - 1$	472028	L4780	18	Generalized Woodall
5962	$103040! - 1$	471794	p301	10	Factorial
6141	$3803 \cdot 2^{1553013} + 1$	467508	L1957	20	Divides $GF(1553012, 5)$
6210	$95 \cdot 10^{466002} - 1$	466004	L3735	14	Near-repdigit
6257	$5 \cdot 10^{464843} - 1$	464844	p297	11	Near-repdigit
6272	$3555 \cdot 2^{1542813} - 4953427788675 \cdot 2^{1290000} - 1$	464437	p363	20	Arithmetic progression $(3, d =$ $3555 \cdot 2^{1542812} - 4953427788675 \cdot$ $2^{1290000})$
6540	$341351 \cdot 22^{341351} - 1$	458243	p260	17	Generalized Woodall
6624	$135 \cdot 2^{1515894} + 1$	456332	L1129	13	Divides $GF(1515890, 10)$
6661	$2 \cdot 839^{155785} + 1$	455479	g424	14	Divides $Phi(839^{155785}, 2)$
6844	$13 \cdot 2^{1499876} + 1$	451509	g267	04	Divides $GF(1499875, 3)$
6925	$131 \cdot 2^{1494099} + 1$	449771	L2959	12	Divides Fermat $F(1494096)$

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6959	$7 \cdot 2^{1491852} + 1$	449094	p166	05	Divides $GF(1491851, 6)$
7045	$1286 \cdot 3^{937499} + 1$	447304	L2777	12	Generalized Cullen
7105	$5 \cdot 10^{445773} - 1$	445774	p297	11	Near-repdigit
7216	$176660 \cdot 18^{353320} - 1$	443519	p325	11	Generalized Woodall
7302	$1467763 \cdot 2^{1467763} - 1$	441847	L381	07	Woodall
7606	$4125 \cdot 2^{1445206} - 2723880039837 \cdot 2^{1290000} - 1$	435054	p199	16	Arithmetic progression ($3, d = 4125 \cdot 2^{1445205} - 2723880039837 \cdot 2^{1290000}$)
7607	$4125 \cdot 2^{1445205} - 1$	435054	L1959	14	Arithmetic progression ($2, d = 4125 \cdot 2^{1445205} - 2723880039837 \cdot 2^{1290000}$) [p199]
7868	$94550! - 1$	429390	p290	10	Factorial
7972	$15 \cdot 2^{1418605} + 1$	427044	g279	06	Divides $GF(1418600, 5)$, $GF(1418601, 6)$
8032	$2415 \cdot 2^{1413628} - 1489088842587 \cdot 2^{1290000} - 1$	425548	p199	17	Arithmetic progression ($3, d = 2415 \cdot 2^{1413627} - 1489088842587 \cdot 2^{1290000}$)
8033	$2415 \cdot 2^{1413627} - 1$	425548	L1959	14	Arithmetic progression ($2, d = 2415 \cdot 2^{1413627} - 1489088842587 \cdot 2^{1290000}$) [p199]
8161	$2985 \cdot 2^{1404274} - 1$	422733	L1959	14	Arithmetic progression ($2, d = 2985 \cdot 2^{1404274} - 770527213395 \cdot 2^{1290000}$) [p199]
8254	$2^{1398269} - 1$	420921	G1	96	Mersenne 35
8385	$182402 \cdot 14^{364804} - 1$	418118	p325	11	Generalized Woodall
8394	$17 \cdot 2^{1388355} + 1$	417938	g267	05	Divides $GF(1388354, 10)$
8405	$249798 \cdot 47^{249798} - 1$	417693	L4780	18	Generalized Woodall
8921	$338707 \cdot 2^{1354830} + 1$	407850	L124	05	Cullen
9093	$11 \cdot 2^{1343347} + 1$	404389	p169	05	Divides $GF(1343346, 6)$
9194	$107 \cdot 2^{1337019} + 1$	402485	L2659	12	Divides $GF(1337018, 10)$
9219	$1389 \cdot 2^{1335434} + 1$	402009	L1209	15	Divides $GF(1335433, 10)$
9311	$10^{400000} + 4 \cdot (10^{102381} - 1)/9 \cdot 10^{148810} + 1$	400001	p413	21	Palindrome
9433	$5 \cdot 2^{1320487} + 1$	397507	g55	02	Divides $GF(1320486, 12)$
9465	$94189 \cdot 2^{1318646} + 1$	396957	L2777	13	Generalized Cullen
9791	$10^{390636} + 999 \cdot 10^{195317} + 1$	390637	p363	14	Palindrome
9915	$6325241166627 \cdot 2^{1290000} - 1$	388342	L3573	21	Arithmetic progression ($1, d = 1455 \cdot 2^{2683953} - 6325241166627 \cdot 2^{1290000}$)
9916	$5606879602425 \cdot 2^{1290000} - 1$	388342	L3573	21	Arithmetic progression ($1, d = 33 \cdot 2^{2939063} - 5606879602425 \cdot 2^{1290000}$)
9917	$2618163402417 \cdot 2^{1290001} - 1$	388342	L927	16	Sophie Germain ($2p + 1$)
9918	$4966510140375 \cdot 2^{1290000} - 1$	388342	L3573	20	Arithmetic progression ($2, d = 2227792035315 \cdot 2^{1290001}$)
10522	$2996863034895 \cdot 2^{1290000} + 1$	388342	L2035	16	Twin ($p + 2$)
10523	$2996863034895 \cdot 2^{1290000} - 1$	388342	L2035	16	Twin (p)
10761	$2723880039837 \cdot 2^{1290000} - 1$	388342	L3829	16	Arithmetic progression ($1, d = 4125 \cdot 2^{1445205} - 2723880039837 \cdot 2^{1290000}$) [p199]

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10854	$2618163402417 \cdot 2^{1290000} - 1$	388342	L927	16	Sophie Germain (p)
11346	$2060323099527 \cdot 2^{1290000} - 1$	388342	L3606	15	Arithmetic progression $(2, d = 69718264533 \cdot 2^{1290002})$ [p199]
11442	$1938662032575 \cdot 2^{1290000} - 1$	388341	L927	15	Arithmetic progression $(1, d = 10032831585 \cdot 2^{1290001})$ [p199]
11578	$1781450041395 \cdot 2^{1290000} - 1$	388341	L3203	15	Arithmetic progression $(1, d = 69718264533 \cdot 2^{1290002})$ [p199]
13134	$1957 \cdot 2^{1284992} + 1$	386825	L3913	14	Divides $GF(1284991, 6)$
13177	$5 \cdot 2^{1282755} + 1$	386149	g55	02	Divides $GF(1282754, 3)$, $GF(1282748, 5)$
13264	$15 \cdot 2^{1276177} + 1$	384169	g279	06	Divides $GF(1276174, 3)$, $GF(1276174, 10)$
13368	$1268979 \cdot 2^{1268979} - 1$	382007	L201	07	Woodall
13551	$2^{1257787} - 1$	378632	SG	96	Mersenne 34
13714	$329 \cdot 2^{1246017} + 1$	375092	L2085	12	Divides Fermat $F(1246013)$
13906	$531 \cdot 2^{1233440} + 1$	371306	L2803	11	Divides $GF(1233439, 5)$
14192	$843301\# - 1$	365851	p302	10	Primorial
14247	$25 \cdot 2^{1211488} + 1$	364696	g279	05	Generalized Fermat, divides $GF(1211487, 12)$
14365	$10^{362600} + 666 \cdot 10^{181299} + 1$	362601	p363	14	Palindrome
14372	$2^{1203793} - 2^{601897} + 1$	362378	L192	06	Gaussian Mersenne norm 37, generalized unique
14496	$1195203 \cdot 2^{1195203} - 1$	359799	L124	05	Woodall
15122	$5245 \cdot 2^{1153762} + 1$	347321	L1204	13	Divides $GF(1153761, 12)$
15138	$29 \cdot 2^{1152765} + 1$	347019	g300	05	Divides $GF(1152760, 10)$
15476	$33 \cdot 2^{1130884} + 1$	340432	L165	06	Divides $GF(1130881, 12)$
15493	$163 \cdot 2^{1129934} + 1$	340147	L1751	10	Divides $GF(1129933, 10)$
16003	$2145 \cdot 2^{1099064} + 1$	330855	L1792	13	Divides Fermat $F(1099061)$
16206	$93 \cdot 2^{1087202} + 1$	327283	L669	10	Divides $GF(1087199, 12)$
16631	[Long prime 16631]	320237	p44	14	Palindrome
16636	[Long prime 16636]	320097	p44	14	Palindrome
16861	$1491 \cdot 2^{1050764} + 1$	316315	L2826	13	Divides $GF(1050763, 10)$
16951	$10^{314727} - 8 \cdot 10^{157363} - 1$	314727	p235	13	Near-repdigit, palindrome
17153	$9539 \cdot 2^{1034437} + 1$	311401	L1502	13	Divides $GF(1034434, 10)$
17924	$10^{300000} + 5 \cdot (10^{48153} - 1)/9 \cdot 10^{125924} + 1$	300001	p413	21	Palindrome
18003	$2^{991961} - 2^{495981} + 1$	298611	x28	05	Gaussian Mersenne norm 36, generalized unique
18584	$10^{290253} - 2 \cdot 10^{145126} - 1$	290253	p235	12	Near-repdigit, Palindrome
18658	$11 \cdot 2^{960901} + 1$	289262	g277	05	Divides Fermat $F(960897)$
19097	$10^{283355} - 737 \cdot 10^{141676} - 1$	283355	p399	20	Palindrome
19660	$3 \cdot 2^{916773} + 1$	275977	g245	01	Divides $GF(916771, 3)$, $GF(916772, 10)$
19703	[Long prime 19703]	275495	p44	12	Palindrome
19881	$1705 \cdot 2^{906110} + 1$	272770	L3174	12	Divides Fermat $F(906108)$
20145	$10^{269479} - 7 \cdot 10^{134739} - 1$	269479	p235	12	Near-repdigit, Palindrome
20697	$10^{262144} + 7 \cdot (10^{5193} - 1)/9 \cdot 10^{128476} + 1$	262145	p413	21	Palindrome
20969	$2^{859433} - 1$	258716	SG	94	Mersenne 33
23651	$2^{756839} - 1$	227832	SG	92	Mersenne 32

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24043	$10^{223663} - 454 \cdot 10^{111830} - 1$	223663	p363	16	Palindrome
24368	$10^{220285} - 949 \cdot 10^{110141} - 1$	220285	p363	16	Palindrome
26474	$27 \cdot 2^{672007} + 1$	202296	g279	05	Divides Fermat $F(672005)$
26673	$667071 \cdot 2^{667071} - 1$	200815	g55	00	Woodall
26696	$18543637900515 \cdot 2^{666668} - 1$	200701	L2429	12	Sophie Germain ($2p + 1$)
26796	$18543637900515 \cdot 2^{666667} - 1$	200701	L2429	12	Sophie Germain (p)
26797	$3756801695685 \cdot 2^{666669} + 1$	200700	L1921	11	Twin ($p + 2$)
26798	$3756801695685 \cdot 2^{666669} - 1$	200700	L1921	11	Twin (p)
31347	$659 \cdot 2^{617815} + 1$	185984	L732	09	Divides Fermat $F(617813)$
32623	$151 \cdot 2^{585044} + 1$	176118	L446	07	Divides Fermat $F(585042)$
33479	$392113\# + 1$	169966	p16	01	Primorial
35118	$366439\# + 1$	158936	p16	01	Primorial
37400	$481899 \cdot 2^{481899} + 1$	145072	gm	98	Cullen
37748	$34790! - 1$	142891	p85	02	Factorial
41927	$2^{364289} - 2^{182145} + 1$	109662	p58	01	Gaussian Mersenne norm 35, generalized unique
42061	$361275 \cdot 2^{361275} + 1$	108761	DS	98	Cullen
42228	$26951! + 1$	107707	p65	02	Factorial
43729	$65516468355 \cdot 2^{333333} + 1$	100355	L923	09	Twin ($p + 2$)
43730	$65516468355 \cdot 2^{333333} - 1$	100355	L923	09	Twin (p)
47478	$(7176^{24691} - 1)/7175$	95202	CH2	17	Generalized repunit
48600	$21480! - 1$	83727	p65	01	Factorial
49009	$183027 \cdot 2^{265441} - 1$	79911	L983	10	Sophie Germain ($2p + 1$)
49010	$183027 \cdot 2^{265440} - 1$	79911	L983	10	Sophie Germain (p)
49085	$262419 \cdot 2^{262419} + 1$	79002	DS	98	Cullen
49096	$160204065 \cdot 2^{262148} + 1$	78923	L5115	21	Twin ($p + 2$)
49097	$160204065 \cdot 2^{262148} - 1$	78923	L5115	21	Twin (p)
49335	$3622179275715 \cdot 2^{256003} + 1$	77078	x47	20	Cunningham chain 2nd kind ($2p - 1$)
49336	$3622179275715 \cdot 2^{256002} + 1$	77077	x47	20	Cunningham chain 2nd kind (p)
49424	$648621027630345 \cdot 2^{253825} - 1$	76424	x24	09	Sophie Germain ($2p + 1$)
49425	$620366307356565 \cdot 2^{253825} - 1$	76424	x24	09	Sophie Germain ($2p + 1$)
49426	$648621027630345 \cdot 2^{253824} - 1$	76424	x24	09	Sophie Germain (p)
49427	$620366307356565 \cdot 2^{253824} - 1$	76424	x24	09	Sophie Germain (p)
49462	$2570606397 \cdot 2^{252763} + 1$	76099	p364	20	Cunningham chain 2nd kind ($2p - 1$)
49463	$2570606397 \cdot 2^{252762} + 1$	76099	p364	20	Cunningham chain 2nd kind (p)
49717	$(40734^{16111} - 1)/40733$	74267	CH2	15	Generalized repunit
49754	$(64758^{15373} - 1)/64757$	73960	p170	18	Generalized repunit
49927	$\text{prim}V(111534, 1, 27000)$	72683	x25	13	Generalized Lucas primitive part
50034	$(58729^{15091} - 1)/58728$	71962	CH2	17	Generalized repunit
50389	$2 \cdot 352666770^{8192} + 1$	70021	p409	20	Cunningham chain 2nd kind ($2p - 1$)
50390	$352666770^{8192} + 1$	70021	p411	20	Cunningham chain 2nd kind (p), generalized Fermat
50742	$(27987^{15313} - 1)/27986$	68092	CH12	20	Generalized repunit
50841	$(23340^{15439} - 1)/23339$	67435	p170	20	Generalized repunit
50919	$12770275971 \cdot 2^{222225} + 1$	66907	L527	17	Twin ($p + 2$)

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50920	$12770275971 \cdot 2^{222225} - 1$	66907	L527	17	Twin (p)
51054	$(24741^{15073} - 1)/24740$	66218	p170	20	Generalized repunit
51126	$2 \cdot 103157148^{8192} + 1$	65647	p409	20	Cunningham chain 2nd kind ($2p - 1$)
51127	$103157148^{8192} + 1$	65647	p410	20	Cunningham chain 2nd kind (p), generalized Fermat
51522	$(63847^{13339} - 1)/63846$	64091	p170	13	Generalized repunit
51600	$556336461 \cdot 2^{211356} + 1$	63634	L3494	19	Cunningham chain 2nd kind ($2p - 1$)
51601	$556336461 \cdot 2^{211355} + 1$	63633	L3494	19	Cunningham chain 2nd kind (p)
51613	$1068669447 \cdot 2^{211089} - 1$	63554	L4166	20	Sophie Germain ($2p + 1$)
51614	$1068669447 \cdot 2^{211088} - 1$	63553	L4166	20	Sophie Germain (p)
51684	$145823\# + 1$	63142	p21	00	Primorial
51920	$U(15694, 1, 14700) + U(15694, 1, 14699)$	61674	x45	19	Lehmer number
51931	$(28507^{13831} - 1)/28506$	61612	CH12	20	Generalized repunit
51961	$2^{203789} + 2^{101895} + 1$	61347	O	00	Gaussian Mersenne norm 34, generalized unique
52219	$(26371^{13681} - 1)/26370$	60482	p170	12	Generalized repunit
52258	$U(24, -25, 43201)$	60391	CH12	20	Generalized Lucas number
52743	$99064503957 \cdot 2^{200009} - 1$	60220	L95	16	Sophie Germain ($2p + 1$)
52745	$99064503957 \cdot 2^{200008} - 1$	60220	L95	16	Sophie Germain (p)
52746	$70965694293 \cdot 2^{200006} + 1$	60219	L95	16	Twin ($p + 2$)
52747	$70965694293 \cdot 2^{200006} - 1$	60219	L95	16	Twin (p)
52762	$66444866235 \cdot 2^{200003} + 1$	60218	L95	16	Twin ($p + 2$)
52763	$66444866235 \cdot 2^{200003} - 1$	60218	L95	16	Twin (p)
52896	$(4529^{16381} - 1)/4528$	59886	CH2	12	Generalized repunit
52920	$4884940623 \cdot 2^{198800} + 1$	59855	L4166	15	Twin ($p + 2$)
52921	$4884940623 \cdot 2^{198800} - 1$	59855	L4166	15	Twin (p)
52984	$(9082^{15091} - 1)/9081$	59729	CH2	14	Generalized repunit
53261	$2003663613 \cdot 2^{195000} + 1$	58711	L202	07	Twin ($p + 2$)
53262	$2003663613 \cdot 2^{195000} - 1$	58711	L202	07	Twin (p)
53519	$\text{prim}V(27655, 1, 19926)$	57566	x25	13	Generalized Lucas primitive part
54042	$(43326^{12041} - 1)/43325$	55827	p170	17	Generalized repunit
54096	$12443794755 \cdot 2^{184517} - 1$	55556	L3494	21	Sophie Germain ($2p + 1$)
54097	$21749869755 \cdot 2^{184516} - 1$	55556	L3494	21	Sophie Germain ($2p + 1$)
54098	$14901867165 \cdot 2^{184516} - 1$	55556	L3494	21	Sophie Germain ($2p + 1$)
54099	$12443794755 \cdot 2^{184516} - 1$	55555	L3494	21	Sophie Germain (p)
54100	$21749869755 \cdot 2^{184515} - 1$	55555	L3494	21	Sophie Germain (p)
54101	$14901867165 \cdot 2^{184515} - 1$	55555	L3494	21	Sophie Germain (p)
54188	$17976255129 \cdot 2^{183241} + 1$	55172	p415	21	Twin ($p + 2$)
54189	$17976255129 \cdot 2^{183241} - 1$	55172	p415	21	Twin (p)
55187	$607095 \cdot 2^{176312} - 1$	53081	L983	09	Sophie Germain ($2p + 1$)
55188	$607095 \cdot 2^{176311} - 1$	53081	L983	09	Sophie Germain (p)
55339	$(38284^{11491} - 1)/38283$	52659	CH2	13	Generalized repunit
55540	$191547657 \cdot 2^{173372} + 1$	52199	L5116	20	Twin ($p + 2$)
55541	$191547657 \cdot 2^{173372} - 1$	52199	L5116	20	Twin (p)
55559	$38529154785 \cdot 2^{173250} + 1$	52165	L3494	14	Twin ($p + 2$)
55560	$38529154785 \cdot 2^{173250} - 1$	52165	L3494	14	Twin (p)

rank	description	digits	who	year	comment
55690	$48047305725 \cdot 2^{172404} - 1$	51910	L99	07	Sophie Germain ($2p + 1$)
55691	$48047305725 \cdot 2^{172403} - 1$	51910	L99	07	Sophie Germain (p)
55789	$137211941292195 \cdot 2^{171961} - 1$	51780	x24	06	Sophie Germain ($2p + 1$)
55790	$194772106074315 \cdot 2^{171960} + 1$	51780	x24	07	Twin ($p + 2$)
55791	$194772106074315 \cdot 2^{171960} - 1$	51780	x24	07	Twin (p)
55792	$137211941292195 \cdot 2^{171960} - 1$	51780	x24	06	Sophie Germain (p)
55793	$100314512544015 \cdot 2^{171960} + 1$	51780	x24	06	Twin ($p + 2$)
55794	$100314512544015 \cdot 2^{171960} - 1$	51780	x24	06	Twin (p)
55795	$16869987339975 \cdot 2^{171960} + 1$	51779	x24	05	Twin ($p + 2$)
55796	$16869987339975 \cdot 2^{171960} - 1$	51779	x24	05	Twin (p)
56012	$(34120^{11311} - 1)/34119$	51269	CH2	11	Generalized repunit
56614	$33218925 \cdot 2^{169690} + 1$	51090	g259	02	Twin ($p + 2$)
56615	$33218925 \cdot 2^{169690} - 1$	51090	g259	02	Twin (p)
56903	$U(809, 1, 17325) - U(809, 1, 17324)$	50378	x45	19	Lehmer number
57259	$(50091^{10357} - 1)/50090$	48671	p170	16	Generalized repunit
57350	$2^{160423} - 2^{80212} + 1$	48293	O	00	Gaussian Mersenne norm 33, generalized unique
57475	$U(67, -1, 26161)$	47773	x45	19	Generalized Lucas number
57477	$primV(40395, -1, 15588)$	47759	x23	07	Generalized Lucas primitive part
57482	$110427610 \cdot 3^{100003} + 1$	47722	p415	21	Twin ($p + 2$)
57483	$110427610 \cdot 3^{100003} - 1$	47722	p415	21	Twin (p)
57548	$primV(53394, -1, 15264)$	47200	CH4	07	Generalized Lucas primitive part
57604	$(44497^{10093} - 1)/44496$	46911	p170	16	Generalized repunit
57612	$3706785456 \cdot 13^{42069} + 1$	46873	p412	20	Twin ($p + 2$)
57613	$3706785456 \cdot 13^{42069} - 1$	46873	p412	20	Twin (p)
57745	$4931286045 \cdot 2^{152850} - 1$	46023	L5389	21	Sophie Germain ($2p + 1$)
57746	$4318624617 \cdot 2^{152850} - 1$	46023	L5389	21	Sophie Germain ($2p + 1$)
57747	$4931286045 \cdot 2^{152849} - 1$	46022	L5389	21	Sophie Germain (p)
57748	$4318624617 \cdot 2^{152849} - 1$	46022	L5389	21	Sophie Germain (p)
57763	$22835841624 \cdot 7^{54321} + 1$	45917	p296	10	Twin ($p + 2$)
57764	$22835841624 \cdot 7^{54321} - 1$	45917	p296	10	Twin (p)
57800	$1679081223 \cdot 2^{151618} + 1$	45651	L527	12	Twin ($p + 2$)
57801	$1679081223 \cdot 2^{151618} - 1$	45651	L527	12	Twin (p)
57830	$151023 \cdot 2^{151023} - 1$	45468	g25	98	Woodall
58479	$(1852^{13477} - 1)/1851$	44035	p170	15	Generalized repunit
58535	$U(52245, 1, 9241) + U(52245, 1, 9240)$	43595	x45	19	Lehmer number
58579	$21195711 \cdot 2^{143631} - 1$	43245	L3494	19	Sophie Germain ($2p + 1$)
58580	$21195711 \cdot 2^{143630} - 1$	43245	L3494	19	Sophie Germain (p)
58584	$(42417^{9337} - 1)/42416$	43203	p170	15	Generalized repunit
58597	$838269645 \cdot 2^{143166} - 1$	43107	L3494	19	Sophie Germain ($2p + 1$)
58598	$838269645 \cdot 2^{143165} - 1$	43106	L3494	19	Sophie Germain (p)
58599	$570409245 \cdot 2^{143164} - 1$	43106	L3494	19	Sophie Germain ($2p + 1$)
58601	$570409245 \cdot 2^{143163} - 1$	43106	L3494	19	Sophie Germain (p)
58604	$2830598517 \cdot 2^{143113} - 1$	43091	L3494	19	Sophie Germain ($2p + 1$)
58605	$2830598517 \cdot 2^{143112} - 1$	43091	L3494	19	Sophie Germain (p)
58606	$4158932595 \cdot 2^{143074} - 1$	43080	L3494	19	Sophie Germain ($2p + 1$)
58607	$4158932595 \cdot 2^{143073} - 1$	43079	L3494	19	Sophie Germain (p)

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58617	$71509 \cdot 2^{143019} - 1$	43058	g23	98	Woodall, arithmetic progression ($2, d = (143018 \cdot 2^{83969} - 80047) \cdot 2^{59049}$) [x12]
58637	$U(2449, -1, 12671)$	42939	x45	18	Generalized Lucas number, cy- clotomy
58685	$(36210^{9319} - 1)/36209$	42480	p170	19	Generalized repunit
59905	$p(1289844341)$	40000	c84	20	Partitions, ECPP
59958	$primV(4836, 1, 16704)$	39616	x25	13	Generalized Lucas primitive part
60248	$U(21041, -1, 9059)$	39159	x45	18	Generalized Lucas number, cy- clotomy
60993	$U(5617, -1, 9539)$	35763	x45	19	Generalized Lucas number, cy- clotomy
61111	$2^{116224} - 15905$	34987	c87	17	ECPP
61142	$(V(60145, 1, 7317) - 1)/(V(60145, 1, 27) - 1)$	34841	x45	19	Lehmer primitive part
61179	$primV(38513, -1, 11502)$	34668	x23	06	Generalized Lucas primitive part
61394	$primV(9008, 1, 16200)$	34168	x23	05	Generalized Lucas primitive part
61404	$(14665 \cdot 10^{34110} - 56641)/9999$	34111	c89	18	ECPP, Palindrome
61408	[Long prime 61408]	34093	c84	16	ECPP
61478	$(V(28138, 1, 7587) - 1)/(V(28138, 1, 27) - 1)$	33637	x45	19	Lehmer primitive part
61655	$U(35896, 1, 7260) + U(35896, 1, 7259)$	33066	x45	19	Lehmer number
61676	$primV(6586, 1, 16200)$	32993	x25	13	Generalized Lucas primitive part
62006	$U(1624, -1, 10169)$	32646	x45	18	Generalized Lucas number, cy- clotomy
62066	$(V(48395, 1, 6921) - 1)/(V(48395, 1, 9) - 1)$	32382	x45	19	Lehmer primitive part
63005	$2^{106693} + 2^{53347} + 1$	32118	O	00	Gaussian Mersenne norm 32, generalized unique
63006	$primV(28875, 1, 13500)$	32116	x25	16	Generalized Lucas primitive part
63168	$(V(77786, 1, 6453) + 1)/(V(77786, 1, 27) + 1)$	31429	x25	12	Lehmer primitive part
63252	$primV(10987, 1, 14400)$	31034	x25	05	Generalized Lucas primitive part
63271	$V(148091)$	30950	c81	15	Lucas number, ECPP
63272	$U(148091)$	30949	x49	21	Fibonacci number, ECPP
63340	$(V(73570, 1, 6309) - 1)/(V(73570, 1, 9) - 1)$	30661	x25	16	Lehmer primitive part
63647	$49363 \cdot 2^{98727} - 1$	29725	Y	97	Woodall
63651	$U(2341, -1, 8819)$	29712	x25	08	Generalized Lucas number
65161	" - (331^{2128}) "	29492	c80	15	ECPP
65170	$primV(24127, -1, 6718)$	29433	CH3	05	Generalized Lucas primitive part
65171	$primV(12215, -1, 13500)$	29426	x25	16	Generalized Lucas primitive part
65201	$V(140057)$	29271	c76	14	Lucas number, ECPP
65287	$U(1404, -1, 9209)$	28981	CH10	18	Generalized Lucas number, cy- clotomy
65295	$U(23396, 1, 6615) + U(23396, 1, 6614)$	28898	x45	19	Lehmer number
65340	$(2^{95369} + 1)/3$	28709	x49	21	Generalized Lucas number, Wagstaff, ECPP
65356	$primV(45922, 1, 11520)$	28644	x25	11	Generalized Lucas primitive part
65368	$primV(205011)$	28552	x39	09	Lucas primitive part

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65376	[Long prime 65376]	28506	c94	21	Irregular, ECPP
65400	$U(16531, 1, 6721) - U(16531, 1, 6720)$	28347	x36	07	Lehmer number
65454	$(V(28286, 1, 6309)+1)/(V(28286, 1, 9)+1)$	28045	x25	16	Lehmer primitive part
65459	$U(5092, 1, 7561) + U(5092, 1, 7560)$	28025	x25	14	Lehmer number
65531	[Long prime 65531]	27630	c96	21	ECPP
65583	$90825 \cdot 2^{90825} + 1$	27347	Y	97	Cullen
65587	$U(5239, 1, 7350) - U(5239, 1, 7349)$	27333	CH10	17	Lehmer number
65665	$U(130021)$	27173	x48	21	Fibonacci number, ECPP
65748	$\text{prim}V(5673, 1, 13500)$	27028	CH3	05	Generalized Lucas primitive part
65864	$\text{prim}V(44368, 1, 9504)$	26768	CH3	05	Generalized Lucas primitive part
65898	[Long prime 65898]	26709	c77	21	Irregular, ECPP
65926	" $\tau(157^{2206})$ "	26643	FE1	11	ECPP
66117	$\text{prim}V(10986, -1, 9756)$	26185	x23	05	Generalized Lucas primitive part
66188	$1043945909 \cdot 60013\# + 1$	25992	p155	19	Arithmetic progression ($4, d = 7399459 \cdot 60013\#$)
66189	$1041073153 \cdot 60013\# + 1$	25992	p155	19	Arithmetic progression ($4, d = 10142823 \cdot 60013\#$)
66191	$1036053977 \cdot 60013\# + 1$	25992	p155	19	Arithmetic progression ($4, d = 10664254 \cdot 60013\#$)
66194	$1027676400 \cdot 60013\# + 1$	25992	p155	19	Arithmetic progression ($4, d = 6813491 \cdot 60013\#$)
66196	$1025139165 \cdot 60013\# + 1$	25992	p115	19	Arithmetic progression ($4, d = 6205834 \cdot 60013\#$)
66238	$\text{prim}V(11076, -1, 12000)$	25885	x25	05	Generalized Lucas primitive part
66318	$2^{85237} + 2^{42619} + 1$	25659	x16	00	Gaussian Mersenne norm 31, generalized unique
66396	$\text{prim}V(17505, 1, 11250)$	25459	x25	11	Generalized Lucas primitive part
66398	$U(2325, -1, 7561)$	25451	x20	13	Generalized Lucas number
66430	$10^{25333} - 2 \cdot 10^{5182} - 3$	25333	c95	20	ECPP
66431	[Long prime 66431]	25331	c54	17	ECPP
66434	$U(13084, -13085, 6151)$	25319	x45	18	Generalized Lucas number, cyclotomy
66443	[Long prime 66443]	25291	c95	20	Mersenne cofactor, ECPP
66457	$\text{prim}V(42, -1, 23376)$	25249	x23	07	Generalized Lucas primitive part
66487	$U(1064, -1065, 8311)$	25158	CH10	18	Generalized Lucas number, cyclotomy
66494	$\text{prim}V(7577, -1, 10692)$	25140	x33	07	Generalized Lucas primitive part
66504	$(2^{83339} + 1)/3$	25088	c54	14	ECPP, generalized Lucas number, Wagstaff
66519	$6753^{5122} + 5122^{6753}$	25050	FE1	10	ECPP
66570	[Long prime 66570]	24938	c84	21	Mersenne cofactor, ECPP
66655	$U(1766, 1, 7561) - U(1766, 1, 7560)$	24548	x25	13	Lehmer number
67471	$U(1383, 1, 7561) + U(1383, 1, 7560)$	23745	x25	13	Lehmer number
67473	[Long prime 67473]	23743	c94	21	Irregular, ECPP
67505	$\text{Phi}(35421, -10)$	23613	c77	21	Unique, ECPP
67520	$6917! - 1$	23560	g1	98	Factorial
67574	$2^{77291} + 2^{38646} + 1$	23267	O	00	Gaussian Mersenne norm 30, generalized unique

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67580	$(V(59936, 1, 4863)+1)/(V(59936, 1, 3)+1)$	23220	x25	13	Lehmer primitive part
67618	$U(1118, 1, 7561) - U(1118, 1, 7560)$	23047	x25	13	Lehmer number
67718	$(V(45366, 1, 4857)+1)/(V(45366, 1, 3)+1)$	22604	x25	13	Lehmer primitive part
67875	$U(104911)$	21925	c82	15	Fibonacci number, ECPP
67949	$\Phi(1203, 10^{27})$	21600	c47	21	Unique, ECPP
67952	$U(19258, -1, 5039)$	21586	x23	07	Generalized Lucas number
67979	$6380! + 1$	21507	g1	98	Factorial
67995	$U(43100, 1, 4620) + U(43100, 1, 4619)$	21407	x25	16	Lehmer number
68060	$-E(6658)/85079$	21257	c77	20	Euler irregular, ECPP
68062	$\Phi(39855, -10)$	21248	c95	20	Unique, ECPP
68065	$(V(23354, 1, 4869)-1)/(V(23354, 1, 9)-1)$	21231	x25	13	Lehmer primitive part
68095	$U(15631, 1, 5040) - U(15631, 1, 5039)$	21134	x25	03	Lehmer number
68140	$U(35759, 1, 4620) + U(35759, 1, 4619)$	21033	x25	16	Lehmer number
68199	$U(31321, 1, 4620) - U(31321, 1, 4619)$	20767	x25	16	Lehmer number
68312	$U(11200, -1, 5039)$	20400	x25	04	Generalized Lucas number, cyclotomy
68379	$\Phi(23749, -10)$	20160	c47	14	Unique, ECPP
68414	$U(22098, 1, 4620) + U(22098, 1, 4619)$	20067	x25	16	Lehmer number
68445	$1128330746865 \cdot 2^{66441} - 1$	20013	p158	20	Cunningham chain $(4p+3)$
68446	$1128330746865 \cdot 2^{66440} - 1$	20013	p158	20	Cunningham chain $(2p+1)$
68448	$1128330746865 \cdot 2^{66439} - 1$	20013	p158	20	Cunningham chain (p)
68466	$4111286921397 \cdot 2^{66420} + 5$	20008	c88	19	Triplet (3)
68467	$4111286921397 \cdot 2^{66420} + 1$	20008	L4808	19	Triplet (2)
68468	$4111286921397 \cdot 2^{66420} - 1$	20008	L4808	19	Triplet (1)
68475	$U(21412, 1, 4620) - U(21412, 1, 4619)$	20004	x25	16	Lehmer number
68546	$V(94823)$	19817	c73	14	Lucas number, ECPP
68551	$U(19361, 1, 4620) + U(19361, 1, 4619)$	19802	x25	16	Lehmer number
68555	$U(8454, -1, 5039)$	19785	x25	13	Generalized Lucas number
69622	$U(6584, -1, 5039)$	19238	x23	07	Generalized Lucas number
69647	$(2^{63703} - 1)/42808417$	19169	c59	14	Mersenne cofactor, ECPP
69782	$V(89849)$	18778	c70	14	Lucas number, ECPP
69797	$\text{prim}V(145353)$	18689	c69	13	ECPP, Lucas primitive part
69798	$\Phi(14943, -100)$	18688	c47	14	Unique, ECPP
69909	$\Phi(18827, 10)$	18480	c47	14	Unique, ECPP
70037	$42209\# + 1$	18241	p8	99	Primorial
70539	$(V(46662, 1, 3879)-1)/(V(46662, 1, 9)-1)$	18069	x25	12	Lehmer primitive part
70555	$V(86477)/1042112515940998434071039$	18049	c77	20	Lucas cofactor, ECPP
70579	$7457 \cdot 2^{59659} + 1$	17964	Y	97	Cullen
70774	$(2^{58199} - 1)/237604901713907577052391$	17497	c59	15	Mersenne cofactor, ECPP
70833	$\Phi(26031, -10)$	17353	c47	14	Unique, ECPP
70844	$(V(561, 1, 6309) + 1)/(V(561, 1, 9) + 1)$	17319	x25	16	Lehmer primitive part
70861	$U(5768, -5769, 4591)$	17264	x45	18	Generalized Lucas number, cyclotomy
70881	$U(9657, 1, 4321) - U(9657, 1, 4320)$	17215	x23	05	Lehmer number
70907	[Long prime 70907]	17152	c59	15	Mersenne cofactor, ECPP
70932	$U(81839)$	17103	p54	01	Fibonacci number
70943	$V(81671)$	17069	c66	13	Lucas number, ECPP
70996	$\text{prim}V(86756)$	16920	c74	15	Lucas primitive part, ECPP

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71013	$V(80761)/(23259169 \cdot 24510801979)$	16861	c77	20	Lucas cofactor, ECPP
71096	$6521953289619 \cdot 2^{55555} + 1$	16737	p296	13	Triplet (3)
71097	$6521953289619 \cdot 2^{55555} - 1$	16737	p296	13	Triplet (2)
71098	$6521953289619 \cdot 2^{55555} - 5$	16737	c58	13	Triplet (1), ECPP
71130	$primV(122754)$	16653	c77	21	Lucas primitive part, ECPP
71143	$U(15823, 1, 3960) - U(15823, 1, 3959)$	16625	x25	02	Lehmer number, cyclotomy
71172	$p(221444161)$	16569	c77	17	Partitions, ECPP
71208	$U(78919)/15574900936381642440917$	16471	c77	20	Fibonacci cofactor, ECPP
71249	$U(11091, -1, 4049)$	16375	CH3	05	Generalized Lucas number
71296	$(V(21151, 1, 3777) - 1)/(V(21151, 1, 3) - 1)$	16324	x25	11	Lehmer primitive part
71329	$primV(123573)$	16198	c77	19	Lucas primitive part, ECPP
71333	$U(2554, -1, 4751)$	16185	CH3	05	Generalized Lucas number
71351	$V(77417)/313991497376559420151$	16159	c77	20	Lucas cofactor, ECPP
71406	[Long prime 71406]	16008	c84	17	Mersenne cofactor, ECPP
71555	[Long prime 71555]	15954	c63	18	Euler irregular, ECPP
71572	$primV(121227)$	15890	c77	19	Lucas primitive part, ECPP
71633	$Phi(2949, -100000000)$	15713	c47	13	Unique, ECPP
71637	$primU(131481)$	15695	c77	19	Fibonacci primitive part, ECPP
71650	$primV(120258)$	15649	c77	19	Lucas primitive part, ECPP
71708	[Long prime 71708]	15537	x38	09	Lehmer primitive part
71735	[Long prime 71735]	15455	c77	18	Mersenne cofactor, ECPP
71788	$(V(824, 1, 5277) - 1)/(V(824, 1, 3) - 1)$	15379	x25	13	Lehmer primitive part
71790	$primB(183835)$	15368	c77	19	Lucas Aurifeuillian primitive part, ECPP
71805	$primU(77387)$	15319	c77	19	Fibonacci primitive part, ECPP
71905	$primB(181705)$	15189	c77	19	Lucas Aurifeuillian primitive part, ECPP
72746	$primV(76568)$	15034	c74	15	Lucas primitive part, ECPP
72751	$U(71983)/5614673/363946049$	15028	c77	18	Fibonacci cofactor, ECPP
72786	$primB(268665)$	14972	c77	19	Lucas Aurifeuillian primitive part, ECPP
72800	$(V(42995, 1, 3231) + 1)/(V(42995, 1, 9) + 1)$	14929	x25	12	Lehmer primitive part
72813	$primV(75316)$	14897	c74	15	Lucas primitive part, ECPP
72836	$Phi(5015, -10000)$	14848	c47	13	Unique, ECPP
72838	$primV(91322)$	14847	c74	16	Lucas primitive part, ECPP
72848	$2^{49207} - 2^{24604} + 1$	14813	x16	00	Gaussian Mersenne norm 29, generalized unique
72903	$primV(110676)$	14713	c74	16	Lucas primitive part, ECPP
72918	$(V(8003, 1, 3771) + 1)/(V(8003, 1, 9) + 1)$	14685	x25	13	Lehmer primitive part
72949	$primA(284895)$	14626	c77	19	Lucas Aurifeuillian primitive part, ECPP
73002	$U(69239)/1384781$	14464	c77	18	Fibonacci cofactor, ECPP
73015	$primV(112914)$	14446	c74	16	Lucas primitive part, ECPP
73194	$primA(170575)$	14258	c77	18	Lucas Aurifeuillian primitive part, ECPP
73204	$V(68213)/7290202116115634431$	14237	c77	18	Lucas cofactor, ECPP
73313	$(V(5111, 1, 3789) + 1)/(V(5111, 1, 9) + 1)$	14019	x25	13	Lehmer primitive part
73317	$(V(5763, 1, 3753) + 1)/(V(5763, 1, 27) + 1)$	14013	x25	11	Lehmer primitive part

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73388	<i>primU</i> (67703)	13954	c77	18	Fibonacci primitive part, ECPP
73392	[Long prime 73392]	13951	c77	17	Fibonacci cofactor, ECPP
73470	$V(66533)/2128184670585621839884209100279$	13875	c77	18	Lucas cofactor, ECPP
73471	[Long prime 73471]	13862	c71	14	Irregular, ECPP
73476	[Long prime 73476]	13840	c63	18	Irregular, ECPP
73486	$(V(5132, 1, 3753) + 1)/(V(5132, 1, 27) + 1)$	13825	x25	11	Lehmer primitive part
73507	<i>primV</i> (82630)	13814	c74	14	Lucas primitive part, ECPP
73559	$(V(4527, 1, 3771) + 1)/(V(4527, 1, 9) + 1)$	13754	x25	13	Lehmer primitive part
73658	<i>primB</i> (163595)	13675	c77	18	Lucas Aurifeuillian primitive part, ECPP
73680	[Long prime 73680]	13657	c64	13	Irregular, ECPP
74351	$1815615642825 \cdot 2^{44046} - 1$	13272	p395	16	Cunningham chain ($4p + 3$)
74353	$1815615642825 \cdot 2^{44045} - 1$	13272	p395	16	Cunningham chain ($2p + 1$)
74354	$1815615642825 \cdot 2^{44044} - 1$	13271	p395	16	Cunningham chain (p)
74477	<i>primU</i> (94551)	13174	c77	18	Fibonacci primitive part, ECPP
74683	<i>primB</i> (242295)	13014	c77	18	Lucas Aurifeuillian primitive part, ECPP
74805	$U(61813)/594517433/3761274442997$	12897	c77	18	Fibonacci cofactor, ECPP
74834	$(2^{42737} + 1)/3$	12865	M	07	ECPP, generalized Lucas number, Wagstaff
74904	<i>primU</i> (62771)	12791	c77	18	Fibonacci primitive part, ECPP
74949	<i>p</i> (131328565)	12758	c77	17	Partitions, ECPP
74974	<i>primA</i> (154415)	12728	c77	18	Lucas Aurifeuillian primitive part, ECPP
74994	<i>p</i> (130249452)	12705	c85	17	Partitions, ECPP
74996	<i>p</i> (130243561)	12705	c85	17	Partitions, ECPP
74997	<i>p</i> (130242827)	12705	c85	17	Partitions, ECPP
74998	<i>p</i> (130232271)	12705	c85	17	Partitions, ECPP
75001	<i>p</i> (130201087)	12703	c85	17	Partitions, ECPP
75003	<i>p</i> (130168020)	12701	c85	17	Partitions, ECPP
75004	<i>p</i> (130142600)	12700	c85	17	Partitions, ECPP
75005	<i>p</i> (130123073)	12699	c85	17	Partitions, ECPP
75007	<i>p</i> (130086648)	12697	c85	17	Partitions, ECPP
75008	<i>p</i> (130085878)	12697	c85	17	Partitions, ECPP
75009	<i>p</i> (130060601)	12696	c85	16	Partitions, ECPP
75015	<i>p</i> (130000231)	12693	c59	16	Partitions, ECPP
75167	<i>primA</i> (263865)	12570	c77	18	Lucas Aurifeuillian primitive part, ECPP
75212	[Long prime 75212]	12533	c63	13	Irregular, ECPP
75257	[Long prime 75257]	12495	c77	15	Mersenne cofactor, ECPP
75290	[Long prime 75290]	12459	c54	12	Mersenne cofactor, ECPP
75400	[Long prime 75400]	12395	c59	12	Mersenne cofactor, ECPP
75552	[Long prime 75552]	12337	c79	15	Fibonacci cofactor, ECPP
75566	<i>primV</i> (73549)	12324	c74	15	Lucas primitive part, ECPP
75584	<i>p</i> (122110618)	12302	c77	15	Partitions, ECPP
75653	<i>p</i> (120052058)	12198	c59	12	Partitions, ECPP
75654	<i>p</i> (120037981)	12197	c59	14	Partitions, ECPP

rank	description	digits	who	year	comment
76221	$742478255901 \cdot 2^{40069} + 1$	12074	p395	16	Cunningham chain 2nd kind ($4p - 3$)
76224	$996824343 \cdot 2^{40074} + 1$	12073	p395	16	Cunningham chain 2nd kind ($4p - 3$)
76236	<i>primV</i> (57724)	12063	p54	01	Lucas primitive part, cyclotomy
76375	$664342014133 \cdot 2^{39840} + 1$	12005	p408	20	Consecutive primes arithmetic progression ($3, d = 30$)
76376	$664342014133 \cdot 2^{39840} - 29$	12005	c93	20	Consecutive primes arithmetic progression ($2, d = 30$), ECPP
76377	$664342014133 \cdot 2^{39840} - 59$	12005	c93	20	Consecutive primes arithmetic progression ($1, d = 30$), ECPP
76546	<i>primV</i> (59018)	11789	c74	15	Lucas primitive part, ECPP
76670	<i>V</i> (56003)	11704	p193	06	Lucas number
76671	<i>primA</i> (143705)	11703	c77	17	Lucas Aurifeuillian primitive part, ECPP
76682	<i>p</i> (110030755)	11677	c59	14	Partitions, ECPP
76707	$4207993863 \cdot 2^{38624} + 5$	11637	L5354	21	Triplet (3), ECPP
76708	$4207993863 \cdot 2^{38624} + 1$	11637	L5354	21	Triplet (2)
76709	$4207993863 \cdot 2^{38624} - 1$	11637	L5354	21	Triplet (1)
76710	<i>primV</i> (77231)	11637	c74	15	Lucas primitive part, ECPP
76711	<i>primV</i> (83481)	11631	c74	15	Lucas primitive part, ECPP
76729	<i>primU</i> (73025)	11587	c77	15	Fibonacci primitive part, ECPP
76730	<i>primU</i> (67781)	11587	c77	15	Fibonacci primitive part, ECPP
76738	<i>primV</i> (64652)	11577	c74	15	Lucas primitive part, ECPP
76745	<i>primB</i> (219165)	11557	c77	15	Lucas Aurifeuillian primitive part, ECPP
76746	<i>primV</i> (56356)	11557	c74	15	Lucas primitive part, ECPP
76802	$198429723072 \cdot 11^{11005} + 1$	11472	L3323	16	Cunningham chain 2nd kind ($4p - 3$)
76831	$U(54799)/4661437953906084533621577211561$	11422	c8	15	Fibonacci cofactor, ECPP
76886	$U(54521)/6403194135342743624071073$	11370	c8	15	Fibonacci cofactor, ECPP
76912	<i>primU</i> (67825)	11336	x23	07	Fibonacci primitive part
76951	$3610! - 1$	11277	C	93	Factorial
77044	<i>p</i> (100115477)	11138	c59	16	Partitions, ECPP
77079	[Long prime 77079]	11075	c8	14	Fibonacci cofactor, ECPP
77088	<i>primU</i> (61733)	11058	c77	15	Fibonacci primitive part, ECPP
77094	$14059969053 \cdot 2^{36672} + 1$	11050	p364	18	Triplet (3)
77095	$14059969053 \cdot 2^{36672} - 1$	11050	p364	18	Triplet (2)
77096	$14059969053 \cdot 2^{36672} - 5$	11050	c67	18	Triplet (1), ECPP
77102	$778965587811 \cdot 2^{36627} - 1$	11038	p395	16	Cunningham chain ($4p + 3$)
77103	$778965587811 \cdot 2^{36626} - 1$	11038	p395	16	Cunningham chain ($2p + 1$)
77104	$778965587811 \cdot 2^{36625} - 1$	11038	p395	16	Cunningham chain (p)
77106	$272879344275 \cdot 2^{36622} - 1$	11036	p395	16	Cunningham chain ($4p + 3$)
77107	$272879344275 \cdot 2^{36621} - 1$	11036	p395	16	Cunningham chain ($2p + 1$)
77108	$272879344275 \cdot 2^{36620} - 1$	11036	p395	16	Cunningham chain (p)
77111	$V(52859)/1124137922466041911$	11029	c8	14	Lucas cofactor, ECPP
77175	$3507! - 1$	10912	C	92	Factorial
77198	[Long prime 77198]	10857	c8	15	Lucas cofactor, ECPP

rank	description	digits	who	year	comment
77212	[Long prime 77212]	10838	c8	15	Lucas cofactor, ECPP
77233	[Long prime 77233]	10789	c8	15	Lucas cofactor, ECPP
77246	[Long prime 77246]	10763	c64	13	Irregular, ECPP
77251	$3428602715439 \cdot 2^{35678} + 13$	10753	c93	20	Consecutive primes arithmetic progression ($3, d = 6$), ECPP
77252	$3428602715439 \cdot 2^{35678} + 7$	10753	c93	20	Consecutive primes arithmetic progression ($2, d = 6$), ECPP
77253	$3428602715439 \cdot 2^{35678} + 1$	10753	p408	20	Consecutive primes arithmetic progression ($1, d = 6$)
77279	$333645655005 \cdot 2^{35549} - 1$	10713	p364	15	Cunningham chain ($4p + 3$)
77280	$333645655005 \cdot 2^{35548} - 1$	10713	p364	15	Cunningham chain ($2p + 1$)
77282	$333645655005 \cdot 2^{35547} - 1$	10713	p364	15	Cunningham chain (p)
77286	$V(51349)/224417260052884218046541$	10708	c8	14	Lucas cofactor, ECPP
77292	$V(51169)$	10694	p54	01	Lucas number
77311	$U(51031)/95846689435051369$	10648	c8	14	Fibonacci cofactor, ECPP
77320	$V(50989)/69818796119453411$	10640	c8	14	Lucas cofactor, ECPP
77335	$\Phi(13285, -10)$	10625	c47	12	Unique, ECPP
77336	$U(50833)$	10624	CH4	05	Fibonacci number
77351	$2683143625525 \cdot 2^{35176} + 13$	10602	c92	19	Consecutive primes arithmetic progression ($3, d = 6$), ECPP
77352	$2683143625525 \cdot 2^{35176} + 7$	10602	c92	19	Consecutive primes arithmetic progression ($2, d = 6$), ECPP
77353	$2683143625525 \cdot 2^{35176} + 1$	10602	p407	19	Consecutive primes arithmetic progression ($1, d = 6$)
77360	$3020616601 \cdot 24499\# + 1$	10593	p422	21	Arithmetic progression ($6, d = 56497325 \cdot 24499\#$)
77361	$2964119276 \cdot 24499\# + 1$	10593	p422	21	Arithmetic progression ($5, d = 56497325 \cdot 24499\#$)
77378	[Long prime 77378]	10562	c77	15	Mersenne cofactor, ECPP
77390	$1213266377 \cdot 2^{35000} + 4859$	10546	c4	14	ECPP, consecutive primes arithmetic progression ($3, d = 2430$)
77391	$1213266377 \cdot 2^{35000} + 2429$	10546	c4	14	ECPP, consecutive primes arithmetic progression ($2, d = 2430$)
77392	$1213266377 \cdot 2^{35000} - 1$	10546	p44	14	Consecutive primes arithmetic progression ($1, d = 2430$)
77393	$1043085905 \cdot 2^{35000} + 18197$	10546	c4	14	ECPP, consecutive primes arithmetic progression ($3, d = 18198$)
77394	$1043085905 \cdot 2^{35000} - 1$	10546	p44	14	Consecutive primes arithmetic progression ($2, d = 18198$)
77395	$1043085905 \cdot 2^{35000} - 18199$	10546	c4	14	ECPP, consecutive primes arithmetic progression ($1, d = 18198$)
77468	$\text{prim}U(55297)$	10483	c8	14	Fibonacci primitive part, ECPP
77485	$\text{prim}A(219135)$	10462	c8	14	Lucas Aurifeuillian primitive part, ECPP
77509	$3221449497221499 \cdot 2^{34567} + 5$	10422	c58	15	Triplet (3), ECPP
77510	$3221449497221499 \cdot 2^{34567} + 1$	10422	p296	15	Triplet (2)
77511	$3221449497221499 \cdot 2^{34567} - 1$	10422	p296	15	Triplet (1)
77533	$24029\# + 1$	10387	C	93	Primorial

rank	description	digits	who	year	comment
77540	$400791048 \cdot 24001\# + 1$	10378	p155	18	Arithmetic progression ($5, d = 59874860 \cdot 24001\#$)
77541	$393142614 \cdot 24001\# + 1$	10378	p155	18	Arithmetic progression ($5, d = 54840724 \cdot 24001\#$)
77547	$221488788 \cdot 24001\# + 1$	10377	p155	18	Arithmetic progression ($5, d = 22703701 \cdot 24001\#$)
77550	$195262026 \cdot 24001\# + 1$	10377	p155	18	Arithmetic progression ($5, d = 10601738 \cdot 24001\#$)
77584	$6 \cdot \text{Bern}(4306)/2153$	10342	FE8	09	Irregular, ECPP
77603	$V(49391)/298414424560419239$	10305	c8	13	Lucas cofactor, ECPP
77621	$23801\# + 1$	10273	C	93	Primorial
77715	$667674063382677 \cdot 2^{33608} + 7$	10132	c88	19	Quadruplet (4), ECPP
77716	$667674063382677 \cdot 2^{33608} + 5$	10132	c88	19	Quadruplet (3), ECPP
77717	$667674063382677 \cdot 2^{33608} + 1$	10132	L4808	19	Quadruplet (2)
77718	$667674063382677 \cdot 2^{33608} - 1$	10132	L4808	19	Quadruplet (1)
77827	$\text{Phi}(427, -10^{28})$	10081	FE9	09	Unique, ECPP
77848	$9649755890145 \cdot 2^{33335} + 1$	10048	p364	15	Cunningham chain 2nd kind ($4p - 3$)
78074	$15162914750865 \cdot 2^{33219} + 1$	10014	p364	15	Cunningham chain 2nd kind ($4p - 3$)
78301	$32469 \cdot 2^{32469} + 1$	9779	MM	97	Cullen
78303	$(2^{32531} - 1)/(65063 \cdot 25225122959)$	9778	c60	12	Mersenne cofactor, ECPP
78326	[Long prime 78326]	9736	c90	18	Mersenne cofactor, ECPP
78330	$8073 \cdot 2^{32294} + 1$	9726	MM	97	Cullen
78408	$V(45953)/4561241750239$	9591	c56	12	Lucas cofactor, ECPP
78455	[Long prime 78455]	9516	c8	14	Euler irregular, ECPP
78465	$\text{Phi}(5161, -100)$	9505	c47	12	Unique, ECPP
78568	$\text{primA}(196035)$	9359	c8	14	Lucas Aurifeuillian primitive part, ECPP
78622	$V(44507)$	9302	CH3	05	Lucas number
78725	$V(43987)/175949$	9188	c8	14	Lucas cofactor, ECPP
78994	[Long prime 78994]	9010	c8	13	Fibonacci cofactor, ECPP
79065	$\text{primU}(44113)$	8916	c8	14	Fibonacci primitive part, ECPP
79066	[Long prime 79066]	8916	c8	14	Fibonacci cofactor, ECPP
79122	[Long prime 79122]	8835	c59	12	Mersenne cofactor, ECPP
79148	$\text{primA}(159165)$	8803	c8	13	Lucas Aurifeuillian primitive part, ECPP
79167	$U(42043)/1681721$	8780	c56	12	Fibonacci cofactor, ECPP
79250	$(2^{28771} - 1)/104726441$	8653	c56	12	Mersenne cofactor, ECPP
79253	$(2^{28759} - 1)/226160777$	8649	c60	12	Mersenne cofactor, ECPP
79341	$\text{Phi}(6105, -1000)$	8641	c47	10	Unique, ECPP
79525	$\text{Phi}(4667, -100)$	8593	c47	09	Unique, ECPP
79602	$U(40763)/643247084652261620737$	8498	c8	13	Fibonacci cofactor, ECPP
79722	$\text{primU}(46711)$	8367	c8	13	Fibonacci primitive part, ECPP
79799	$V(39769)/18139109172816581$	8295	c8	13	Lucas cofactor, ECPP
79806	$2^{27529} - 2^{13765} + 1$	8288	O	00	Gaussian Mersenne norm 28, generalized unique

rank	description	digits	who	year	comment
79810	$\text{prim}B(148605)$	8282	c8	13	Lucas Aurifeuillian primitive part, ECPP
79818	$V(39607)/158429$	8273	c46	11	Lucas cofactor, ECPP
79874	$\text{prim}B(103645)$	8202	c8	13	Lucas Aurifeuillian primitive part, ECPP
79896	$\text{prim}U(62373)$	8173	c8	13	Fibonacci primitive part, ECPP
79904	$\text{prim}B(119945)$	8165	c8	13	Lucas Aurifeuillian primitive part, ECPP
79946	$\text{prim}B(99835)$	8126	c8	13	Lucas Aurifeuillian primitive part, ECPP
79980	$\text{prim}B(96545)$	8070	c8	13	Lucas Aurifeuillian primitive part, ECPP
79989	[Long prime 79989]	8063	c55	11	Mersenne cofactor, ECPP
80058	$18523\# + 1$	8002	D	89	Primorial
80087	$\text{prim}U(43121)$	7975	c8	13	Fibonacci primitive part, ECPP
80104	[Long prime 80104]	7945	c8	13	Irregular, ECPP
80131	[Long prime 80131]	7906	c39	12	Fibonacci cofactor, ECPP
80175	$U(37511)$	7839	x13	05	Fibonacci number
80206	$\text{prim}B(145545)$	7824	c8	13	Lucas Aurifeuillian primitive part, ECPP
80228	$V(37357)/20210113386303842894568629$	7782	c8	13	Lucas cofactor, ECPP
80240	$U(37217)/4466041$	7771	c46	11	Fibonacci cofactor, ECPP
80252	$-E(2762)/2670541$	7760	c11	04	Euler irregular, ECPP
80278	[Long prime 80278]	7740	c86	17	Mersenne cofactor
80347	$V(36779)$	7687	CH3	05	Lucas number
80723	[Long prime 80723]	7551	c84	16	Mersenne cofactor, ECPP
80852	$U(35999)$	7523	p54	01	Fibonacci number, cyclotomy
80871	$\Phi(4029, -1000)$	7488	c47	09	Unique, ECPP
80962	$V(35449)$	7409	p12	01	Lucas number
81096	$V(35107)/525110138418084707309$	7317	c8	13	Lucas cofactor, ECPP
81198	$U(34897)/4599458691503517435329$	7272	c8	13	Fibonacci cofactor, ECPP
81221	$V(34759)/27112021$	7257	c33	05	Lucas cofactor, ECPP
81315	[Long prime 81315]	7239	c8	13	Fibonacci cofactor, ECPP
81378	$U(34607)/13088506284255296513$	7213	c8	13	Fibonacci cofactor, ECPP
81415	$\Phi(9455, -10)$	7200	c33	05	Unique, ECPP
81461	$\Phi(1479, -100000000)$	7168	c47	09	Unique, ECPP
81521	[Long prime 81521]	7138	c63	16	Irregular, ECPP
81950	[Long prime 81950]	7053	c8	13	Fibonacci cofactor, ECPP
81970	$2154675239 \cdot 16301\# + 1$	7036	p155	18	Arithmetic progression $(6, d = 141836149 \cdot 16301\#)$
82751	$\text{prim}U(48965)$	7012	c8	13	Fibonacci primitive part, ECPP
82850	[Long prime 82850]	6943	c63	16	Irregular ECPP
82854	$V(33353)/279902102741094707003083072429$	6941	c8	13	Lucas cofactor, ECPP
82874	$23005 \cdot 2^{23005} - 1$	6930	Y	97	Woodall
82887	$22971 \cdot 2^{22971} - 1$	6920	Y	97	Woodall
82907	$\Phi(2405, -10000)$	6912	c47	09	Unique, ECPP
82977	$15877\# - 1$	6845	CD	92	Primorial
82982	$\Phi(10887, 10)$	6841	c33	05	Unique, ECPP

rank	description	digits	who	year	comment
82997	$\text{prim}U(58773)$	6822	c8	13	Fibonacci primitive part, ECPP
83065	$\text{prim}U(40295)$	6737	p12	01	Fibonacci primitive part
83166	[Long prime 83166]	6637	c8	13	Irregular, ECPP
83195	[Long prime 83195]	6622	c90	18	Mersenne cofactor
83461	$U(30757)$	6428	p54	01	Fibonacci number, cyclotomy
83670	$\Phi(7357, -10)$	6301	c33	04	Unique, ECPP
83922	$\text{prim}U(43653)$	6082	CH7	10	Fibonacci primitive part
84241	$\text{prim}U(70455)$	6019	c8	13	Fibonacci primitive part, ECPP
84247	$E(2220)/392431891068600713525$	6011	c8	13	Euler irregular, ECPP
84339	$\text{prim}U(43359)$	5939	c8	13	Fibonacci primitive part, ECPP
84341	[Long prime 84341]	5938	c8	13	Euler irregular, ECPP
84472	$13649\# + 1$	5862	D	87	Primorial
84653	[Long prime 84653]	5701	c8	13	Irregular, ECPP
84666	$18885 \cdot 2^{18885} - 1$	5690	K	87	Woodall
84808	$1963! - 1$	5614	CD	92	Factorial
84813	$13033\# - 1$	5610	CD	92	Primorial
84848	$289 \cdot 2^{18502} + 1$	5573	K	84	Cullen, generalized Fermat
85065	$E(2028)/11246153954845684745$	5412	c55	11	Euler irregular, ECPP
85390	[Long prime 85390]	5354	c63	13	Irregular ECPP
85461	$U(25561)$	5342	p54	01	Fibonacci number
85597	[Long prime 85597]	5258	c8	13	Euler irregular, ECPP
86131	$33957462 \cdot \text{Bern}(2370)/40685$	5083	c11	03	Irregular, ECPP
86823	$4122429552750669 \cdot 2^{16567} + 7$	5003	c83	16	Quadruplet (4), ECPP
86824	$4122429552750669 \cdot 2^{16567} + 5$	5003	c83	16	Quadruplet (3), ECPP
86825	$4122429552750669 \cdot 2^{16567} + 1$	5003	L4342	16	Quadruplet (2)
86826	$4122429552750669 \cdot 2^{16567} - 1$	5003	L4342	16	Quadruplet (1)
86894	$11549\# + 1$	4951	D	86	Primorial
87408	[Long prime 87408]	4812	c4	11	Euler irregular, ECPP
87442	$7911 \cdot 2^{15823} - 1$	4768	K	87	Woodall
88027	[Long prime 88027]	4498	c4	04	Euler irregular, ECPP
88088	$2^{14699} + 2^{7350} + 1$	4425	O	00	Gaussian Mersenne norm 27, generalized unique
88154	$(2^{14479} + 1)/3$	4359	c4	04	Generalized Lucas number, Wagstaff, ECPP
88353	$62399583639 \cdot 9923\# - 3399421517$	4285	c98	21	Consecutive primes arithmetic progression ($4, d = 30$), ECPP
88414	$49325406476 \cdot 9811\# \cdot 8 + 1$	4234	p382	19	Cunningham chain 2nd kind ($8p - 7$)
88443	[Long prime 88443]	4200	c8	03	Irregular, ECPP
88608	$V(19469)$	4069	x25	02	Lucas number, cyclotomy, APR- CL assisted
88651	$1477! + 1$	4042	D	84	Factorial
88975	$-2730 \cdot \text{Bern}(1884)/100983617849$	3844	c8	03	Irregular, ECPP
88993	$2840178 \cdot \text{Bern}(1870)/85$	3821	c8	03	Irregular, ECPP
89081	[Long prime 89081]	3734	c8	03	Irregular, ECPP
89083	$12379 \cdot 2^{12379} - 1$	3731	K	84	Woodall
89084	$(2^{12391} + 1)/3$	3730	M	96	Generalized Lucas number, Wagstaff

rank	description	digits	who	year	comment
89199	[Long prime 89199]	3682	c8	13	Euler irregular, ECPP
89207	[Long prime 89207]	3671	c4	03	Euler irregular, ECPP
89233	$101406820312263 \cdot 2^{12042} + 7$	3640	c67	18	Quadruplet (4)
89234	$101406820312263 \cdot 2^{12042} + 5$	3640	c67	18	Quadruplet (3)
89235	$101406820312263 \cdot 2^{12042} + 1$	3640	p364	18	Quadruplet (2)
89236	$101406820312263 \cdot 2^{12042} - 1$	3640	p364	18	Quadruplet (1)
89292	$2673092556681 \cdot 15^{3048} + 4$	3598	c67	15	Quadruplet (4)
89293	$2673092556681 \cdot 15^{3048} + 2$	3598	c67	15	Quadruplet (3)
89294	$2673092556681 \cdot 15^{3048} - 2$	3598	c67	15	Quadruplet (2)
89295	$2673092556681 \cdot 15^{3048} - 4$	3598	c67	15	Quadruplet (1)
89462	$2339662057597 \cdot 10^{3490} + 9$	3503	c67	13	Quadruplet (4)
89463	$2339662057597 \cdot 10^{3490} + 7$	3503	c67	13	Quadruplet (3)
89464	$2339662057597 \cdot 10^{3490} + 3$	3503	c67	13	Quadruplet (2)
89465	$2339662057597 \cdot 10^{3490} + 1$	3503	p364	13	Quadruplet (1)
90258	$62753735335 \cdot 7919\# + 3399421667$	3404	c98	21	Consecutive primes arithmetic progression ($4, d = 30$), ECPP
90309	$(2^{11279} + 1)/3$	3395	PM	98	Cyclotomy, generalized Lucas number, Wagstaff
90436	$109766820328 \cdot 7877\# - 1$	3385	p395	16	Cunningham chain ($8p + 7$)
90558	$104052837 \cdot 7759\# - 1$	3343	p398	17	Arithmetic progression ($6, d = 12009836 \cdot 7759\#$)
90585	$2072453060816 \cdot 7699\# + 1$	3316	p364	19	Cunningham chain <i>2nd</i> kind ($8p - 7$)
90657	$(2^{10691} + 1)/3$	3218	c4	04	Generalized Lucas number, Wagstaff, ECPP
90658	$231692481512 \cdot 7517\# - 1$	3218	p395	16	Cunningham chain ($8p + 7$)
90718	$(2^{10501} + 1)/3$	3161	M	96	Generalized Lucas number, Wagstaff
90835	$2^{10141} + 2^{5071} + 1$	3053	O	00	Gaussian Mersenne norm 26, generalized unique
90900	$121152729080 \cdot 7019\#/1729 + 19$	3025	c92	19	Consecutive primes arithmetic progression ($4, d = 6$), ECPP
90914	$62037039993 \cdot 7001\# + 7811555813$	3021	x38	13	Consecutive primes arithmetic progression ($4, d = 30$), ECPP
90918	$50946848056 \cdot 7001\# + 7811555813$	3021	x38	13	Consecutive primes arithmetic progression ($4, d = 30$), ECPP
90933	$V(14449)$	3020	DK	95	Lucas number
90937	$3124777373 \cdot 7001\# + 1$	3019	p155	12	Arithmetic progression ($7, d = 481789017 \cdot 7001\#$)
90938	$2996180304 \cdot 7001\# + 1$	3019	p155	12	Arithmetic progression ($6, d = 46793757 \cdot 7001\#$)
90940	$2946259686 \cdot 7001\# + 1$	3019	p155	12	Arithmetic progression ($6, d = 313558156 \cdot 7001\#$)
91454	$U(14431)$	3016	p54	01	Fibonacci number
91594	$138281163736 \cdot 6977\# + 1$	3006	p395	16	Cunningham chain <i>2nd</i> kind ($8p - 7$)
91696	$375967981369 \cdot 6907\# \cdot 8 - 1$	2972	p382	17	Cunningham chain ($8p + 7$)
91697	$354362289656 \cdot 6907\# \cdot 8 - 1$	2972	p382	17	Cunningham chain ($8p + 7$)

rank	description	digits	who	year	comment
91698	$285993323512 \cdot 6907\# \cdot 8 - 1$	2972	p382	17	Cunningham chain ($8p + 7$)
91833	$V(13963)$	2919	c11	02	Lucas number, ECPP
91891	$284787490256 \cdot 6701\# + 1$	2879	p364	15	Cunningham chain <i>2nd</i> kind ($8p - 7$)
91903	$9531 \cdot 2^{9531} - 1$	2874	K	84	Woodall
91948	[Long prime 91948]	2829	c8	13	Euler irregular, ECPP
91964	$6569\# - 1$	2811	D	92	Primorial
92100	[Long prime 92100]	2697	c77	15	Euler irregular, ECPP
92613	$-E(1078)/361898544439043$	2578	c4	02	Euler irregular, ECPP
92853	$V(12251)$	2561	p54	01	Lucas number
93605	$974! - 1$	2490	CD	92	Factorial
94086	$E(1028)/(6415 \cdot 56837916301577)$	2433	c4	02	Euler irregular, ECPP
94314	$E(1004)/(579851915 \cdot 80533376783)$	2364	c4	02	Euler irregular, ECPP
94551	$7755 \cdot 2^{7755} - 1$	2339	K	84	Woodall
95101	$772463767240 \cdot 5303\# + 1$	2272	p308	19	Cunningham chain <i>2nd</i> kind ($8p - 7$)
95118	$116814018316 \cdot 5303\# + 1$	2271	p406	19	Arithmetic progression ($7, d = 10892863626 \cdot 5303\#$)
95119	$116746086504 \cdot 5303\# + 1$	2271	p406	19	Arithmetic progression ($7, d = 9726011684 \cdot 5303\#$)
95120	$116242725347 \cdot 5303\# + 1$	2271	p406	19	Arithmetic progression ($7, d = 10388428124 \cdot 5303\#$)
95121	$115624080541 \cdot 5303\# + 1$	2271	p406	19	Arithmetic progression ($7, d = 10462990078 \cdot 5303\#$)
96998	$69285767989 \cdot 5303\# + 1$	2271	p406	19	Arithmetic progression ($8, d = 3026809034 \cdot 5303\#$)
98462	$V(10691)$	2235	DK	95	Lucas number
99028	$872! + 1$	2188	D	83	Factorial
99044	[Long prime 99044]	2183	c63	20	Euler irregular, ECPP
100197	[Long prime 100197]	2069	c4	02	Euler irregular, ECPP
100352	$-E(886)/68689$	2051	c4	02	Euler irregular, ECPP
100462	$4787\# + 1$	2038	D	84	Primorial
100500	$566761969187 \cdot 4733\#/2 + 4$	2034	c67	20	Quintuplet (5)
100501	$566761969187 \cdot 4733\#/2 + 2$	2034	c67	20	Quintuplet (4)
100502	$566761969187 \cdot 4733\#/2 - 2$	2034	c67	20	Quintuplet (3)
100503	$566761969187 \cdot 4733\#/2 - 4$	2034	c67	20	Quintuplet (2)
100504	$566761969187 \cdot 4733\#/2 - 8$	2034	c67	20	Quintuplet (1)
100735	$U(9677)$	2023	c2	00	Fibonacci number, ECPP
102548	$126831252923413 \cdot 4657\#/273 + 13$	2002	c88	20	Quintuplet (5)
102549	$126831252923413 \cdot 4657\#/273 + 9$	2002	c88	20	Quintuplet (4)
102550	$126831252923413 \cdot 4657\#/273 + 7$	2002	c88	20	Quintuplet (3)
102551	$126831252923413 \cdot 4657\#/273 + 3$	2002	c88	20	Quintuplet (2)
102552	$126831252923413 \cdot 4657\#/273 + 1$	2002	c88	20	Quintuplet (1)
102576	$6611 \cdot 2^{6611} + 1$	1994	K	84	Cullen
102647	$4583\# - 1$	1953	D	92	Primorial
102669	$U(9311)$	1946	DK	95	Fibonacci number
102689	$4547\# + 1$	1939	D	84	Primorial
102938	$4297\# - 1$	1844	D	92	Primorial

rank	description	digits	who	year	comment
103242	$V(8467)$	1770	c2	00	Lucas number, ECPP
103329	$4093\# - 1$	1750	CD	92	Primorial
103341	$5795 \cdot 2^{5795} + 1$	1749	K	84	Cullen
103347	$(2^{5807} + 1)/3$	1748	PM	98	Cyclotomy, generalized Lucas number, Wagstaff
103571	$54201838768 \cdot 3917\# - 1$	1681	p395	16	Cunningham chain $(16p + 15)$
103757	$102619722624 \cdot 3797\# + 1$	1631	p395	16	Cunningham chain $2nd$ kind $(16p - 15)$
103809	$V(7741)$	1618	DK	95	Lucas number
103853	$394254311495 \cdot 3733\#/2 + 4$	1606	c67	17	Quintuplet (5)
103854	$394254311495 \cdot 3733\#/2 + 2$	1606	c67	17	Quintuplet (4)
103855	$394254311495 \cdot 3733\#/2 - 2$	1606	c67	17	Quintuplet (3)
103856	$394254311495 \cdot 3733\#/2 - 4$	1606	c67	17	Quintuplet (2)
103857	$394254311495 \cdot 3733\#/2 - 8$	1606	c67	17	Quintuplet (1)
103890	$83 \cdot 2^{5318} - 1$	1603	K	84	Woodall
104158	$2316765173284 \cdot 3593\# + 16073$	1543	c18	16	Quintuplet (5), ECPP
104159	$2316765173284 \cdot 3593\# + 16069$	1543	c18	16	Quintuplet (4), ECPP
104160	$2316765173284 \cdot 3593\# + 16067$	1543	c18	16	Quintuplet (3), ECPP
104161	$2316765173284 \cdot 3593\# + 16063$	1543	c18	16	Quintuplet (2), ECPP
104162	$2316765173284 \cdot 3593\# + 16061$	1543	c18	16	Quintuplet (1), ECPP
104433	$652229318541 \cdot 3527\# + 3399421637$	1504	c98	21	Consecutive primes arithmetic progression $(5, d = 30)$, ECPP
104555	$16 \cdot 199949435137 \cdot 3499\# - 1$	1494	p382	16	Cunningham chain $(16p + 15)$
105119	$163252711105 \cdot 3371\#/2 + 4$	1443	c67	14	Quintuplet (5)
105120	$163252711105 \cdot 3371\#/2 + 2$	1443	c67	14	Quintuplet (4)
105121	$163252711105 \cdot 3371\#/2 - 2$	1443	c67	14	Quintuplet (3)
105122	$163252711105 \cdot 3371\#/2 - 4$	1443	c67	14	Quintuplet (2)
105123	$163252711105 \cdot 3371\#/2 - 8$	1443	c67	14	Quintuplet (1)
105403	$4713 \cdot 2^{4713} + 1$	1423	K	84	Cullen
105600	$449209457832 \cdot 3307\# + 1633050403$	1408	c98	21	Consecutive primes arithmetic progression $(5, d = 30)$, ECPP
108499	$5780736564512 \cdot 3023\# - 1$	1301	p364	15	Cunningham chain $(16p + 15)$
108906	$2746496109133 \cdot 3001\# + 27011$	1290	c97	21	Consecutive primes arithmetic progression $(5, d = 30)$, ECPP
108943	$898966996992 \cdot 3001\# + 1$	1289	p364	15	Cunningham chain $2nd$ kind $(16p - 15)$
109578	$16 \cdot 2658132486528 \cdot 2969\# + 1$	1281	p382	17	Cunningham chain $2nd$ kind $(16p - 15)$
109601	$16 \cdot 1413951139648 \cdot 2969\# + 1$	1280	p382	17	Cunningham chain $2nd$ kind $(16p - 15)$
110640	$546! - 1$	1260	D	92	Factorial
111925	$V(5851)$	1223	DK	95	Lucas number
112489	$406463527990 \cdot 2801\# + 1633050403$	1209	x38	13	Consecutive primes arithmetic progression $(5, d = 30)$
113744	$68002763264 \cdot 2749\# - 1$	1185	p35	12	Cunningham chain $(16p + 15)$
116432	$1290733709840 \cdot 2677\# + 1$	1141	p295	11	Cunningham chain $2nd$ kind $(16p - 15)$
116949	$U(5387)$	1126	WM	90	Fibonacci number

rank	description	digits	who	year	comment
118511	$1176100079 \cdot 2591\# + 1$	1101	p252	19	Arithmetic progression ($8, d = 60355670 \cdot 2591\#$)
119080	$4480408177865 \cdot 2539\# + 3399421637$	1084	c98	21	Consecutive primes arithmetic progression ($5, d = 30$), ECPP
119994	$587027392600 \cdot 2477\# \cdot 16 - 1$	1070	p382	16	Cunningham chain ($16p + 15$)
120305	$(2^{3539} + 1)/3$	1065	M	89	First titanic by ECPP, generalized Lucas number, Wagstaff
120780	$2968802755 \cdot 2459\# + 1$	1057	p155	09	Arithmetic progression ($8, d = 359463429 \cdot 2459\#$)
120974	$469! - 1$	1051	BC	81	Factorial
121535	$28993093368077 \cdot 2399\# + 19433$	1037	c18	16	Sextuplet (6), ECPP
121536	$28993093368077 \cdot 2399\# + 19429$	1037	c18	16	Sextuplet (5), ECPP
121537	$28993093368077 \cdot 2399\# + 19427$	1037	c18	16	Sextuplet (4), ECPP
121538	$28993093368077 \cdot 2399\# + 19423$	1037	c18	16	Sextuplet (3), ECPP
121539	$28993093368077 \cdot 2399\# + 19421$	1037	c18	16	Sextuplet (2), ECPP
121611	$6179783529 \cdot 2411\# + 1$	1037	p102	03	Arithmetic progression ($8, d = 176836494 \cdot 2411\#$)
121944	$R(1031)$	1031	WD	85	Repunit
122312	$89595955370432 \cdot 2371\# - 1$	1017	p364	15	Cunningham chain ($32p + 31$)
122422	$116040452086 \cdot 2371\# + 1$	1014	p308	12	Arithmetic progression ($9, d = 6317280828 \cdot 2371\#$)
122423	$115248484057 \cdot 2371\# + 1$	1014	p308	13	Arithmetic progression ($8, d = 7327002535 \cdot 2371\#$)
122572	$97336164242 \cdot 2371\# + 1$	1014	p308	13	Arithmetic progression ($9, d = 6350457699 \cdot 2371\#$)
122696	$93537753980 \cdot 2371\# + 1$	1014	p308	13	Arithmetic progression ($9, d = 3388165411 \cdot 2371\#$)
122728	$92836168856 \cdot 2371\# + 1$	1014	p308	13	Arithmetic progression ($9, d = 127155673 \cdot 2371\#$)
124341	$69318339141 \cdot 2371\# + 1$	1014	p308	11	Arithmetic progression ($9, d = 1298717501 \cdot 2371\#$)
125330	$533098369554 \cdot 2357\# + 3399421667$	1012	c98	21	Consecutive primes arithmetic progression ($6, d = 30$), ECPP
127616	$V(4793)$	1002	DK	95	Lucas number
127636	$113225039190926127209 \cdot 2339\#/57057 + 21$	1002	c88	21	Septuplet (7)
127637	$113225039190926127209 \cdot 2339\#/57057 + 19$	1002	c88	21	Septuplet (6)
127638	$113225039190926127209 \cdot 2339\#/57057 + 13$	1002	c88	21	Septuplet (5)
127639	$113225039190926127209 \cdot 2339\#/57057 + 9$	1002	c88	21	Septuplet (4)
127640	$113225039190926127209 \cdot 2339\#/57057 + 7$	1002	c88	21	Septuplet (3)
127666	$V(4787)$	1001	DK	95	Lucas number

2 The Long Primes

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

Prime with rank 586 (1036620 digits by p384) See on-line version for the rest of the digits

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

Prime with rank 1153 (1000000 digits by L5207)

$$10841645805132531666786792405311319418846637043199917731311876^{16384} + 1$$

Prime with rank 1154 (1000000 digits by L5122)

$$10841645805132531666786792405311319418846637043199917731150000^{16384} + 1$$

Prime with rank 1155 (1000000 digits by p417)

$$1175412837639478208035149360635999371658705159870633484377 \backslash \\ 23855381224452611844232886228245901292532817349347812678729375350^{8192} + 1$$

Prime with rank 1156 (1000000 digits by p419)

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

Prime with rank 1157 (1000000 digits by p418)

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

Prime with rank 1158 (1000000 digits by p417)

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

Prime with rank 1159 (1000000 digits by p416)

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

Prime with rank 1160 (1000000 digits by p421)

$$1381595338887690358821474589959638055848096769928148782339849168699728696005036217596639028980911635464344 \\ 55010231086514450203720665411679519151409973433052122012097875144^{4096} + 1$$

Prime with rank 1161 (1000000 digits by p417)

$$1381595338887690358821474589959638055848096769928148782339849168699728696005036217596639028980911635464344 \\ 55010231086514450203720665411679519151409973433052122012097840702^{4096} + 1$$

Prime with rank 16631 (320237 digits by p44)

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

Prime with rank 16636 (320097 digits by p44)

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

Prime with rank 19703 (275495 digits by p44)

$4410546 \cdot \text{Bern}(5526)/(4931516285027 \cdot 1969415121333695957254369297)$
 Prime with rank 73680 (13657 digits by c64)
 $6 \cdot \text{Bern}(5462)/(724389557 \cdot 8572589 \cdot 3742097186099)$
 Prime with rank 75212 (12533 digits by c63)
 $6 \cdot \text{Bern}(5078)/(64424527603 \cdot 9985070580644364287)$
 Prime with rank 75257 (12495 digits by c77)
 $(2^{41681} - 1)/1052945423/16647332713153/2853686272534246492102086015457$
 Prime with rank 75290 (12459 digits by c54)
 $(2^{41521} - 1)/41602235382028197528613357724450752065089$
 Prime with rank 75400 (12395 digits by c59)
 $(2^{41263} - 1)/(1402943 \cdot 983437775590306674647)$
 Prime with rank 75552 (12337 digits by c79)
 $U(59369)/244242 \backslash$
 $36691484660394583037561699885688092693836440759407570209763004757$
 Prime with rank 77079 (11075 digits by c8)
 $U(53189)/69431662887136064191105625570683133711989$
 Prime with rank 77198 (10857 digits by c8)
 $V(52201)/70585804042896975505694709575919458733851279868446609$
 Prime with rank 77212 (10838 digits by c8)
 $V(52009)/39772636393178951550299332730909$
 Prime with rank 77233 (10789 digits by c8)
 $V(51941)/28 \backslash$
 $08052157610902114547210696868337380250300924116591143641642866931$
 Prime with rank 77246 (10763 digits by c64)
 $1258566 \cdot \text{Bern}(4462)/(2231 \cdot 596141126178107 \cdot 4970022131749)$
 Prime with rank 77378 (10562 digits by c77)
 $(2^{35339} - 1)/490988430384 \backslash$
 $98904028395440486235033667674267835480981233904512709297747031041$
 Prime with rank 78326 (9736 digits by c90)
 $(2^{32611} - 1)/15148007312464299 \backslash$
 $21091778748731899943932296901864652928732838910515860494755367311$
 Prime with rank 78455 (9516 digits by c8)

$E(3308)/39308792292493140803643373186476368389461245$
 Prime with rank 78994 (9010 digits by c8)
 $U(43399)/470400609575881344601538056264109423291827366228494341196421$
 Prime with rank 79066 (8916 digits by c8)
 $U(42829)/107130175995197969243646842778153077$
 Prime with rank 79122 (8835 digits by c59)
 $(2^{29473} - 1)/(5613392570256862943 \cdot 24876264677503329001)$
 Prime with rank 79989 (8063 digits by c55)
 $(2^{26903} - 1)/1113285395642134415541632833178044793$
 Prime with rank 80104 (7945 digits by c8)
 $6 \cdot \text{Bern}(3458)/28329084584758278770932715893606309$
 Prime with rank 80131 (7906 digits by c39)
 $U(37987)/(16117960073 \cdot 94533840409 \cdot 1202815961509)$
 Prime with rank 80278 (7740 digits by c86)
 $(2^{25933} - 1)/1343522383641330719274248287/5589137403017310421606050379256829183569$
 Prime with rank 80723 (7551 digits by c84)
 $(2^{25243} - 1)/252431/403889/43014073/449245236879223161338352589831$
 Prime with rank 81315 (7239 digits by c8)
 $U(34807)/551750980997908879677508732866536453$
 Prime with rank 81521 (7138 digits by c63)
 $-30 \cdot \text{Bern}(3176)/(169908471493279 \cdot 905130251538800883547330531 \cdot$
 $434990809309147283469396721753169)$
 Prime with rank 81950 (7053 digits by c8)
 $U(33997)/8119544695419968014626314520991088099382355441843013$
 Prime with rank 82850 (6943 digits by c63)
 $-10365630 \cdot \text{Bern}(3100)/(140592076277 \cdot 66260150981141825531862457 \cdot$
 $179307479508256366206520177467103)$
 Prime with rank 83166 (6637 digits by c8)
 $6 \cdot \text{Bern}(2974)/19622040971147542470479091157507$
 Prime with rank 83195 (6622 digits by c90)
 $(2^{22193} - 1)/1482314857/335842152520679489/550120409183543541076906984732919$
 Prime with rank 84341 (5938 digits by c8)
 $-E(2202)/53781055550934778283104432814129020709$

Prime with rank 84653 (5701 digits by c8)

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

Prime with rank 85390 (5354 digits by c63)

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

Prime with rank 85597 (5258 digits by c8)

$$-E(1990)/8338208577950624722417016286765473477033741642105671913$$

Prime with rank 87408 (4812 digits by c4)

$$E(1840)/31237282053878368942060412182384934425$$

Prime with rank 88027 (4498 digits by c4)

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

Prime with rank 88443 (4200 digits by c8)

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

Prime with rank 89081 (3734 digits by c8)

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

Prime with rank 89199 (3682 digits by c8)

$$-E(1466)/167900532276654417372106952612534399239$$

Prime with rank 89207 (3671 digits by c4)

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

Prime with rank 91948 (2829 digits by c8)

$$-E(1174)/50550511342697072710795058639332351763$$

Prime with rank 92100 (2697 digits by c77)

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

Prime with rank 99044 (2183 digits by c63)

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

Prime with rank 100197 (2069 digits by c4)

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

3 Table of Proof-Codes

Key to Proof-Codes (primality provers):

	<u>code</u>	<u>description</u>
BC	Buhler, Crandall, Penk	
C	Caldwell, Cruncher	
c2	Water, Primo	
c4	Broadhurst, Primo	
c8	Broadhurst, Water, Primo	
c11	Oakes, Primo	
c18	Luhn, Primo	
c33	Chaglassian, 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	
c66	Steine, Primo	
c67	Batalov, NewPGen, OpenPFGW, Primo	
c69	Jacobsen, Primo	
c70	Underwood, Dubner, Primo	
c71	Metcalf, Ritschel, Andersen, TOPS, Primo	
c73	Underwood, Lifchitz, Primo	
c74	Lasher, Dubner, Primo	
c76	Kaiser1, Water, Underwood, Primo	
c77	Batalov, Primo	
c79	Batalov, Broadhurst, Water, Primo	
c80	Lygeros, Rozier, Anonymous, Primo	
c81	Water, Underwood, 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	Broadhurst, Underwood, Primo	
c90	Palameta, Batalov, Primo	
c92	Lamprecht, Luhn, Primo	
c93	Batalov, PolySieve, Primo	
c94	Gelhar, Ritschel, TOPS, Primo	
c95	Gelhar, Primo	
c96	Reich2, Primo	
c97	Lamprecht, Luhn, APSieve, OpenPFGW, Primo	
c98	Batalov, EMSieve, Primo	
CD	Caldwell, Dubner, Cruncher	

	<u>code</u>	<u>description</u>
CH10		Batalov, OpenPFGW, Primo, CHG
CH12		Propper, Batalov, OpenPFGW, Primo, CHG
CH13		Propper, Batalov, EMSieve, OpenPFGW, CHG
CH2		Wu_T, OpenPFGW, Primo, CHG
CH3		Broadhurst, Water, OpenPFGW, Primo, CHG
CH4		Irvine, Broadhurst, Water, OpenPFGW, Primo, CHG
CH7		Broadhurst, OpenPFGW, CHG
CH9		Zhou, OpenPFGW, CHG
D		Dubner, Cruncher
DK		Dubner, Keller, Cruncher
DS		Smith_Darren, Proth.exe
FE1		Morain, FastECPP
FE8		Oakes, Broadhurst, Water, Morain, FastECPP
FE9		Broadhurst, Water, Morain, 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
g424		Broadhurst, NewPGen, OpenPFGW, Proth.exe
g427		Batalov, Srsieve, <u>LLR, Proth.exe</u>

	<u>code</u>	<u>description</u>
	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
	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
	L802	Zachariassen, Srsieve, NPLB, 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
	L1129	Slomma, PSieve, Srsieve, PrimeGrid, LLR
	L1134	Ogawa, Srsieve, <u>NewPGen, LLR</u>

	<u>code</u>	<u>description</u>
L1141	Ogawa,	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
L1959	Metcalf,	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
L2046	Melvold,	Srsieve, PrimeGrid, LLR
L2054	Kaiser1,	Srsieve, CRUS, LLR

	<u>code</u>	<u>description</u>
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
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,	Gcwsieve, 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
L2840	Santana,	PSieve, Srsieve, PrimeGrid, LLR
L2841	Minovic,	Gcwsieve, MultiSieve, TOPS, LLR
L2842	English1,	PSieve, <u>Srsieve</u> , PrimeGrid, LLR

	<u>code</u>	<u>description</u>
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	Haysette,	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
L3483	Farrow,	PSieve, Srsieve, PrimeGrid, LLR
L3494	Batalov,	NewPGen, LLR
L3502	Ristic,	PSieve, <u>Srsieve, PrimeGrid, LLR</u>

	<u>code</u>	<u>description</u>
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
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
L3877	Jarne,	PSieve, Srsieve, PrimeGrid, LLR
L3887	Byerly,	PSieve, Rieselprime, LLR
L3895	Englehard,	PSieve, Srsieve, PrimeGrid, LLR
L3898	Christy,	PSieve, <u>Srsieve, PrimeGrid, LLR</u>

	<u>code</u>	<u>description</u>
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	Hoeffliger,	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
L4210	Cholt,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4226	Heath,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4231	Schneider1,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR

	<u>code</u>	<u>description</u>
L4245	Greer, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4249	Larsson, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4250	Vogt, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4252	Nietering, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4256	Gniesmer, PSieve, Srsieve, PrimeGrid, LLR	
L4267	Batalov, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4273	Rangelrooij, Srsieve, CRUS, LLR	
L4274	AhlforsDahl, Srsieve, PrimeGrid, LLR	
L4276	Borbely, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L4285	Bravin, 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	
L4359	Andou, GFNSvCUDA, GeneFer, AthGFNSieve, 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, <u>GeneFer, AthGFNSieve, PrimeGrid, LLR</u>	

	<u>code</u>	<u>description</u>
L4472	Harvanek,	Gcwsieve, MultiSieve, PrimeGrid, LLR
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

	<u>code</u>	<u>description</u>
L4670	Drumm, GFNSvCUDA,	GeneFer, AthGFNSieve, PrimeGrid, LLR
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
L4738	Gelhar, 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	Cavnaugh, 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
L4755	Glatte, GFNSvCUDA,	GeneFer, AthGFNSieve, 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

	<u>code</u>	<u>description</u>
L4773	Tohmola,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4774	Boehm,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4780	Harvey,	Gcwsieve, MultiSieve, GenWoodall, LLR
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, <u>GeneFer, AthGFNSieve, PrimeGrid, LLR</u>

	<u>code</u>	<u>description</u>
L4889	Hundhausen,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4892	Hewitt1,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4893	Little,	PSieve, Srsieve, PrimeGrid, LLR
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
L4939	Coscia,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4942	Matheis,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L4944	Schori,	LLR2, PSieve, Srsieve, PrimeGrid, 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

	<u>code</u>	<u>description</u>
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
L5007		Faith, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
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
L5041		Wallbaum, 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
L5070		Millerick, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5071		McLean2, Srsieve, CRUS, LLR
L5072		Romaidis, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5076		Atnashev, Srsieve, PrimeGrid, LLR
L5078		McDonald4, GFNSvCUDA, GeneFer, AthGFNSieve, 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

	<u>code</u>	<u>description</u>
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
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

	<u>code</u>	<u>description</u>
L5197	Propper, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5198	Elgetz, GFNSvCUDA, GeneFer, AthGFNSieve, 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	
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, <u>Srsieve, PrimeGrid, LLR</u>	

	<u>code</u>	<u>description</u>
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
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
L5312	Tyndall,	GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR
L5313	Barnes,	PSieve, Srsieve, Rieselprime, 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
L5321	Dark,	GFNSvCUDA, GeneFer, AthGFNSieve, 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

	<u>code</u>	<u>description</u>
L5348	Adam, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5350	McDevitt, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5352	Eklof, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5353	Belolipetskiy, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5354	Doornink, NewPGen, OpenPFGW, LLR	
L5356	Hsu2, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5358	Gmirkin, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5360	Leitch, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5362	Domanov1, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5364	Blyth, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5366	Michael, Srsieve, CRUS, LLR	
L5368	Valentino, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5372	Vitiello, Srsieve, CRUS, LLR	
L5373	Baranchikov, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5375	Blanchard, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5376	Ranch, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5377	Yasuhisa, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5378	Seeley, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5379	Smith4, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5380	Campulka, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5381	Meppiel, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5382	Bulanov, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5384	Riemann, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5387	Johns, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5389	Doornink, TwinGen, LLR	
L5392	McDonald4, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5393	Lu, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5395	Early, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5399	Kolesov, LLR	
L5400	Hefer, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5401	Champ, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5402	Greer, LLR2, Gcwsieve, MultiSieve, PrimeGrid, LLR	
L5404	Wiseler, LLR2, Srsieve, PrimeGrid, LLR	
L5405	Gerstenberger, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5406	Jaros, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5407	Mahnken, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5408	Kreth, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5410	Anonymous, Srsieve, CRUS, LLR	
L5414	Mollerus, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5418	Pollak, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5421	Iwasaki, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5425	Lichtenwimmer, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5427	Hewitt1, LLR2, Srsieve, PrimeGrid, LLR	
L5429	Meditz, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5433	Hatanaka, GFNSvCUDA, GeneFer, AthGFNSieve, PrimeGrid, LLR	
L5434	Parsonnet, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5435	Murphy, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5437	Rijfers, LLR2, PSieve, <u>Srsieve, PrimeGrid, LLR</u>	

	<u>code</u>	<u>description</u>
L5438	Tang, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5439	Batalov, LLR2, PSieve, Srsieve, PrimeGrid, LLR	
L5440	McGonegal, 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	Broadhurst, Water, OpenPFGW	
p58	Glover, Oakes, OpenPFGW	
p65	DavisK, Kuosa, OpenPFGW	
p77	Harvey, MultiSieve, GenWoodall, OpenPFGW	
p85	Marchal, Carmody, Kuosa, OpenPFGW	
p102	Frind, Underwood, 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	
p268	Rodenkirch, Srsieve, CRUS, OpenPFGW	
p279	Domanov1, Srsieve, Rieselprime, Prime95, 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, <u>AthGFNSieve, PrimeGrid, OpenPFGW</u>	

	<u>code</u>	<u>description</u>
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
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
p421	Gahan,	LLR2, PrivGfnServer, OpenPFGW
p422	Kaiser1,	PolySieve, OpenPFGW
p423	Propper,	Batalov, EMSieve, 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	Slowinski,	Gage
WD	Williams,	Dubner, Cruncher

		code	description
WM	Morain, Williams		
x13	Renze		
x16	Doumen, Beelen, Unknown		
x20	Irvine, Broadhurst, Water		
x23	Broadhurst, Water, Renze, OpenPFGW, Primo		
x24	Jarai_Z, Farkas, Csajbok, Kasza, Jarai, Unknown		
x25	Broadhurst, Water, OpenPFGW, Primo		
x28	Iskra		
x33	Carmody, Broadhurst, Water, Renze, OpenPFGW, Primo		
x36	Irvine, Carmody, Broadhurst, Water, Renze, OpenPFGW, Primo		
x38	Broadhurst, OpenPFGW, Primo		
x39	Broadhurst, Dubner, Keller, OpenPFGW, Primo		
x44	Zhou, Unknown		
x45	Batalov, OpenPFGW, Primo, Unknown		
x47	Szekeres, Magyar, Gevay, Farkas, Jarai, Unknown		
x48	Asuncion, Allombert, Unknown		
x49	Facq, Asuncion, Allombert, Unknown		
Y	Young		