

On Primitive Weird Numbers of the Form $2^k pq$

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Abstract: We say a natural number n is abundant if $\sigma(n) > 2n$, where $\sigma(n)$ denotes the sum of the divisors of n . The aliquot parts of n are those divisors less than n , and we say that an abundant number n is pseudoperfect if there is some subset of the aliquot parts of n which sum to n . We say n is weird if n is abundant but not pseudoperfect. We call a weird number n primitive if none of its aliquot parts are weird. We find all primitive weird numbers of the form $2^k pq$ ($p < q$ being odd primes) for $1 \leq k \leq 14$. We also find primitive weird numbers of the same form, larger than any previously published.

I. Introduction

We define the arithmetic function $\sigma: N \rightarrow N$ by

$$\sigma(n) = \sum_{d|n} d,$$

the sum taken over the positive divisors d of n . We say n is abundant if $\sigma(n) > 2n$, perfect if $\sigma(n) = 2n$, and deficient if $\sigma(n) < 2n$.

The aliquot parts of n are the positive divisors of n that are less than n . We may denote this set by

$$\mathcal{A}_n = \{d|n: 0 < d < n\}.$$

We say that n is pseudoperfect if n is abundant and there exists a subset $S \subset \mathcal{A}_n$ such that

$$n = \sum_{d \in S} d.$$

We say n is weird if n is abundant but not pseudoperfect. The smallest weird number is 70, and all known weird numbers are even. Benkoski and Erdős [1] have shown that the weird numbers have positive asymptotic density, *a fortiori* there exist infinitely many of them. However, their infinitude also follows from the simple fact that pw is weird if w is weird and $p > \sigma(w)$ is a prime.

We say n is primitive weird if n is weird and none of its aliquot parts are weird. It is unknown if infinitely many primitive weird numbers exist.

Clearly all prime powers are deficient, and it is not hard to show that $2^k p^m$ is either deficient, perfect, or pseudoperfect for all $k \geq 1$, $m \geq 1$, and odd primes p . Thus the simplest form a weird number may assume is $2^k pq$ for some $k \geq 1$ and odd primes $p < q$. Such numbers must be primitive weird. Pajunen [4] listed all weird $2^k pq$ up to $k=8$. Kravitz [3] searched for and discovered large numbers of this type, the largest being

$$2^{56} \cdot 153722867280912929 \cdot 2305843009213693951.$$

We expand Pajunen's list to $k=14$, and we list several weird numbers $2^k pq$ of over a thousand digits' length.

II. Preliminaries

Consider a finite set $S \subset N$ given by

$$S = \{a_1, a_2, a_3, \dots, a_n\}.$$

We define $\Sigma(S)$ by

$$\Sigma(S) = \left\{ \sum_{j=1}^n \varepsilon_j a_j : \varepsilon_j = 0 \text{ or } 1, 1 \leq j \leq n \right\}.$$

That is, $\Sigma(S)$ is the set of all possible sums taken from the elements of S , if no element is taken more than once.

Clearly $|\Sigma(S)| \leq 2^n$.

Thus n is pseudoperfect if and only if n is abundant and $n \in \Sigma(\mathcal{A}_n)$. We define

$$a(n) = \sigma(n) - 2n,$$

hence n is abundant if and only if $a(n) > 0$. Since

$$a(n)+n=\sigma(n)-n=\sum_{d \in \mathcal{A}_n} d,$$

it follows immediately that an abundant number n is pseudoperfect if and only if $a(n) \in \Sigma(\mathcal{A}_n)$. Fix $k \geq 1$ and let

$n=2^k pq$, where $p < q$ are odd primes. Let $M=2^{k+1}-1$ and let $a=a(n)$, so that

$$a=M(p+1)(q+1)-(M+1)pq=M+Mp+Mq-pq.$$

Assuming n is abundant (i.e., $a > 0$), we have

$$a+pq=M+Mp+Mq; \tag{1}$$

this is equivalent to

$$(p-M)(q-M)=M(M+1)-a. \tag{2}$$

III. Necessary and sufficient conditions for weird $2^k pq$

Suppose $n=2^k pq$ is weird. We can show

$$a > M, \tag{3}$$

$$M < p < 2M. \tag{4}$$

For, if $a \leq M$ we would have

$$a = \sum_{j \in J} 2^j$$

for some $J \subset \{0, 1, \dots, k\}$, whence $a \in \Sigma(\mathcal{A}_n)$. Similarly if $p \leq M$ we would have

$$n=(2^k-1)pq+pq=\sum_{j=0}^{k-1} 2^j pq + \sum_{j \in J} 2^j q$$

for some $J \subset \{0, 1, \dots, k\}$. Since we assume $p < q$, the left-hand side of (2) is positive and

$$(p-M) < \sqrt{M(M+1)-a} < M,$$

whence $p < 2M$. By (2) and (3) we have $4|a$ and

$$M < a < M(M+1). \tag{5}$$

Since n is weird, by (1) we have $pq \neq r+sp+ tq$ for all positive integers r, s , and $t \leq M$.

Conversely, fixing $k \geq 1$, setting $M=2^{k+1}-1$, and given a as in (5), we factor

$$de = \frac{M(M+1)-a}{4}, \quad d < e.$$

If $p=M+2d$ and $q=M+2e$ are both prime, and if $pq \neq r+sp+ tq$ for all positive integers r, s , and $t \leq M$, then it follows from (1) that $a \notin \Sigma(\mathcal{A}_{2^k pq})$, and hence $2^k pq$ is weird.

Thus, for each fixed $k \geq 1$, we are able to conduct a finite search for all weird numbers $2^k pq$. We list all such for $1 \leq k \leq 14$, in Tables 1 to 41, which are found following the references. The number of weird numbers $2^k pq$, for each k , $1 \leq k \leq 14$, are as follows.

| k | # of weirds | k | # of weirds | k | # of weirds | k | # of weirds |
|-----|----------------|-----|----------------|-----|----------------|-----|----------------|
| 1 | 1 | 5 | 10 | 9 | 115 | 12 | 683 |
| 2 | 1 | 6 | 23 | 10 | 210 | 13 | 1389 |
| 3 | 5 | 7 | 29 | 11 | 394 | 14 | 3118 |
| 4 | 3 | 8 | 53 | | | | |

Based on empirical evidence, we conjecture that the upper bound in (5) can be reduced to

$$M < a < \frac{(M+1)(M+2)}{3}. \tag{6}$$

IV. Large examples of $2^k pq$

With $n=2^k pq$ as in §3, we remark that n is weird if $a=M+1=2^{k+1}$. For, in this case we have

$$\sum_{j=0}^k 2^j < a < p,$$

and so it is impossible to have $a \in \Sigma(\mathcal{A}_n)$. In this case, (2) becomes

$$\frac{p-M}{2} \cdot \frac{q-M}{2} = 2^k (2^k - 1). \tag{7}$$

Factoring $2^k - 1 = uv$ will produce a weird number if p and q are both prime, where

$$[Sorry. Ignored \begin{alignat} \dots \end{alignat}]$$

for some $i, 0 \leq i \leq k$.

For speed and simplicity, we factored $2^k - 1$ in (7) algebraically: we considered $k=24j$ and obtained

$$2^k - 1 = 2^{24j} - 1 = \prod_{d|24} \Phi_d(2^j) = uv,$$

where $\Phi_m(x)$ denotes the cyclotomic polynomial of order m evaluated at x . Then the factors u and v were generated by taking all possible subsets

$$A \cup B = \{d: d|24\}, \quad A \cap B = \emptyset,$$

such that

$$u = \prod_{d \in A} \Phi_d(2^j), \quad v = \prod_{d \in B} \Phi_d(2^j).$$

We also choose all possible $0 \leq i \leq k$ to produce p and q in (8), (9). If such a pair p, q are both prime then $2^k pq$ is weird.

To test p in (8) and q in (9) for primality, we first ran an initial screen comprising pseudoprime tests for the bases 2, 3, 5, and 7. Assuming both p and q survive the screen, we then applied Lucas sequences to try and prove primality for both. Recall that U_n and V_n are the Lucas sequences with parameters P, Q if for all $n \geq 0$

$$U_n = \frac{\alpha^n - \beta^n}{\alpha - \beta}, \quad V_n = \alpha^n + \beta^n,$$

where α and β are the real (or complex) numbers determined by $\alpha + \beta = P, \alpha\beta = Q$. In all our tests we take $Q = -1$, and $\Delta = P^2 + 4$. We were able to produce several prime pairs p, q by applying either Theorem 4.2.3 or Theorem 4.2.8, found in Chapter 4, Section 2, Crandall and Pomerance [2]. We rewrite both theorems here (in their given order) with less generality than they're given in the text [2], in accordance with our specific needs.

Proposition 1. Suppose $\left(\frac{\Delta}{n}\right) = -1, Q = -1$, and n is an odd positive integer. Suppose $F = 2^k$ for some $k > 1, F | n+1$, and that the Lucas sequence U_n has the property

$$U_{n+1} \equiv 0n, \quad \gcd(U_{(n+1)/2}, n) = 1.$$

Then every prime p dividing n satisfies $p \equiv \left(\frac{\Delta}{n}\right)F$. In particular, if $F > \sqrt{n+1}$, then n is prime.

Note that $\left(\frac{\Delta}{n}\right)$ denotes the Jacobi symbol.

Proposition 2. Suppose $\left(\frac{\Delta}{n}\right) = -1, Q = -1$, and n is an odd positive integer. Suppose $F = 2^k$ for some $k > 1$, and $F | n+1$ where $F > n^{1/3} + 1$. Suppose further that the Lucas sequence U_n has the property

$$U_{n+1} \equiv 0n, \quad \gcd(U_{(n+1)/2}, n) = 1.$$

Write $n+1 = FR$, and write R in base F so that $R = r_1 F + r_0, 0 \leq r_i \leq F-1$. Then n is prime if and only if neither $x^2 + r_0 x - r_1$ nor $x^2 + (r_0 + F)x - r_1 - 1$ has a positive integral root.

In (8), (9), both $p+1$ and $q+1$ have the form FR , where F is a power of 2 and R is odd. We calculate both U_R and V_R by repeated use of the identities

$$U_{2m} = U_m V_m, \quad V_{2m} = V_m^2 - 2Q^m,$$

and

$$2U_{m+1} = PU_m + V_m, \quad 2V_{m+1} = PV_m + \Delta U_m.$$

Since we only use $Q=-1$, we have $V_{2m} = V_m^2 - 2$ when m is even, and $V_{2m} = V_m^2 + 2$ when m is odd.

After computing U_R and V_R , we need only compute $V_{FR/2}$. For, we have $\gcd(V_{FR/2}, U_{FR/2})=1$ or 2, and $U_{FR} = U_{FR/2} V_{FR/2}$. Since p and q are odd, the condition $V_{FR/2} \equiv 0p$ (respectively $V_{FR/2} \equiv 0q$) implies that $p|U_{FR}$, $\gcd(U_{FR/2}, p)=1$ (respectively $q|U_{FR}$, $\gcd(U_{FR/2}, q)=1$). Then $V_{FR/2}$ is computed by applying first $V_{2R} = V_R^2 + 2$, and then applying $V_{2^k R} = V_{2^{k-1} R}^2 - 2$ for all $k \geq 2$.

We found 66 such primitive weird numbers $2^k pq$, ranging in digit length from 219 to 2077. We list them in Tables 42–48, after the references. For ease in reading these tables, the primes p and q are given in the form of (8), (9), with u and v expressed as products of cyclotomic polynomials $\Phi_d(2^j)$. Please bear in mind here that we shall use the symbol $\Phi_d(2^j)$ to represent $\Phi_d(2^j)$, and j will be given.

Recall that

[Sorry. Ignored $\begin{aligned} \dots \end{aligned}$]

With each weird number listed, we indicate the parameters P and Δ of the particular Lucas sequences used to prove the primality of p and q respectively. We also write either “Thm. 4.2.3” or “Thm. 4.2.8” to indicate which of the two theorems by Crandall and Pomerance [2] were applied in each of the primality proofs for p and q . We also indicate the digit length of p , q , and $n=2^k pq$.

References

- [1]. S. Benkoski and P. Erdős, “On weird and pseudoperfect numbers,” *Mathematics of Computation*, **28**, No. 126 (april 1974), 617–623.
- [2]. R. Crandall and C. Pomerance, *Prime Numbers: A Computational Perspective*, Springer-Verlag (New York), 2001.
- [3]. S. Kravitz, “A search for large weird numbers,” *Journal of Recreational Mathematics*, **9**, No. 2, (1976–77), 82–85.
- [4]. S. Pajunen, “On primitive weird numbers,” *MRFS: A Collection of Manuscripts Related to the Fibonacci Sequence (18th Anniversary Volume)*, V. Hoggat, ed., Fibonacci Association, (1980), 162–166.

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Table 1. All primitive weird numbers of form $2^k pq$, $1 \leq k \leq 8$.

| | | | | |
|-------|---|---|----------------------------------|----------------------------------|
| $k=1$ | 2·5·7 | | $k=2$ | 2^2 ·11·19 |
| $k=3$ | 2^3 ·19·61 2^3 ·29·31 | 2^3 ·17·127 | 2^3 ·19·71 | 2^3 ·23·43 |
| $k=4$ | 2^4 ·43·107 | 2^4 ·37·191 | 2^4 ·41·127 | |
| $k=5$ | 2^5 ·67·887 2^5 ·67·1021 2^5 ·109·149 | 2^5 ·67·971 2^5 ·83·257 2^5 ·79·311 | 2^5 ·71·523 2^5 ·97·179 | 2^5 ·71·541 2^5 ·101·167 |
| $k=6$ | 2^6 ·131·3373 2^6 ·167·509 | 2^6 ·131·3733 2^6 ·137·1657 | 2^6 ·241·257 2^6 ·191·367 | 2^6 ·151·761 2^6 ·157·643 |

| | | | | |
|-------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| | $2^6 \cdot 151 \cdot 773$ | $2^6 \cdot 149 \cdot 839$ | $2^6 \cdot 191 \cdot 373$ | $2^6 \cdot 167 \cdot 521$ |
| | $2^6 \cdot 139 \cdot 1447$ | $2^6 \cdot 131 \cdot 4093$ | $2^6 \cdot 179 \cdot 433$ | $2^6 \cdot 157 \cdot 659$ |
| | $2^6 \cdot 149 \cdot 853$ | $2^6 \cdot 139 \cdot 1459$ | $2^6 \cdot 251 \cdot 257$ | $2^6 \cdot 131 \cdot 4159$ |
| | $2^6 \cdot 139 \cdot 1471$ | $2^6 \cdot 191 \cdot 379$ | $2^6 \cdot 239 \cdot 271$ | |
| $k=7$ | $2^7 \cdot 257 \cdot 24029$ | $2^7 \cdot 257 \cdot 25057$ | $2^7 \cdot 263 \cdot 7561$ | $2^7 \cdot 257 \cdot 29683$ |
| | $2^7 \cdot 281 \cdot 2539$ | $2^7 \cdot 257 \cdot 30197$ | $2^7 \cdot 269 \cdot 4649$ | $2^7 \cdot 383 \cdot 739$ |
| | $2^7 \cdot 337 \cdot 1019$ | $2^7 \cdot 263 \cdot 8087$ | $2^7 \cdot 277 \cdot 3109$ | $2^7 \cdot 271 \cdot 4217$ |
| | $2^7 \cdot 383 \cdot 751$ | $2^7 \cdot 337 \cdot 1031$ | $2^7 \cdot 317 \cdot 1283$ | $2^7 \cdot 307 \cdot 1487$ |
| | $2^7 \cdot 311 \cdot 1399$ | $2^7 \cdot 379 \cdot 773$ | $2^7 \cdot 383 \cdot 757$ | $2^7 \cdot 337 \cdot 1039$ |
| | $2^7 \cdot 307 \cdot 1493$ | $2^7 \cdot 449 \cdot 587$ | $2^7 \cdot 283 \cdot 2557$ | $2^7 \cdot 269 \cdot 4861$ |
| | $2^7 \cdot 263 \cdot 8317$ | $2^7 \cdot 4307 \cdot 1499$ | $2^7 \cdot 499 \cdot 521$ | $2^7 \cdot 317 \cdot 1303$ |
| | $2^7 \cdot 409 \cdot 677$ | | | |
| $k=8$ | $2^8 \cdot 569 \cdot 4561$ | $2^8 \cdot 563 \cdot 5077$ | $2^8 \cdot 521 \cdot 24799$ | $2^8 \cdot 523 \cdot 20789$ |
| | $2^8 \cdot 521 \cdot 24851$ | $2^8 \cdot 523 \cdot 20963$ | $2^8 \cdot 673 \cdot 2039$ | $2^8 \cdot 521 \cdot 25633$ |
| | $2^8 \cdot 997 \cdot 1031$ | $2^8 \cdot 523 \cdot 21617$ | $2^8 \cdot 521 \cdot 25841$ | $2^8 \cdot 677 \cdot 2039$ |
| | $2^8 \cdot 997 \cdot 1033$ | $2^8 \cdot 521 \cdot 25997$ | $2^8 \cdot 769 \cdot 1499$ | $2^8 \cdot 677 \cdot 2063$ |
| | $2^8 \cdot 547 \cdot 7673$ | $2^8 \cdot 761 \cdot 1543$ | $2^8 \cdot 769 \cdot 1511$ | $2^8 \cdot 593 \cdot 3659$ |
| | $2^8 \cdot 577 \cdot 4423$ | $2^8 \cdot 569 \cdot 4973$ | $2^8 \cdot 547 \cdot 7703$ | $2^8 \cdot 1009 \cdot 1031$ |
| | $2^8 \cdot 683 \cdot 2017$ | $2^8 \cdot 631 \cdot 2671$ | $2^8 \cdot 599 \cdot 3457$ | $2^8 \cdot 593 \cdot 3673$ |
| | $2^8 \cdot 587 \cdot 3923$ | $2^8 \cdot 577 \cdot 4441$ | $2^8 \cdot 557 \cdot 6151$ | $2^8 \cdot 787 \cdot 1451$ |
| | $2^8 \cdot 761 \cdot 1549$ | $2^8 \cdot 619 \cdot 2917$ | $2^8 \cdot 587 \cdot 3931$ | $2^8 \cdot 569 \cdot 4993$ |
| | $2^8 \cdot 1009 \cdot 1033$ | $2^8 \cdot 557 \cdot 6163$ | $2^8 \cdot 977 \cdot 1069$ | $2^8 \cdot 563 \cdot 5521$ |
| | $2^8 \cdot 569 \cdot 5003$ | $2^8 \cdot 937 \cdot 1123$ | $2^8 \cdot 947 \cdot 1109$ | $2^8 \cdot 911 \cdot 1163$ |
| | $2^8 \cdot 661 \cdot 2251$ | $2^8 \cdot 811 \cdot 1381$ | $2^8 \cdot 1013 \cdot 1031$ | $2^8 \cdot 839 \cdot 1307$ |
| | $2^8 \cdot 683 \cdot 2029$ | $2^8 \cdot 769 \cdot 1523$ | $2^8 \cdot 523 \cdot 22271$ | $2^8 \cdot 631 \cdot 2687$ |
| | $2^8 \cdot 919 \cdot 1151$ | | | |

Table 2. All primitive weird numbers of form $2^9 pq$.

| | | | |
|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| $2^9 \cdot 1031 \cdot 121013$ | $2^9 \cdot 1031 \cdot 121271$ | $2^9 \cdot 1109 \cdot 12211$ | $2^9 \cdot 1031 \cdot 122173$ |
| $2^9 \cdot 1033 \cdot 99581$ | $2^9 \cdot 1033 \cdot 99787$ | $2^9 \cdot 1031 \cdot 124493$ | $2^9 \cdot 1039 \cdot 62989$ |
| $2^9 \cdot 1039 \cdot 63443$ | $2^9 \cdot 1033 \cdot 101027$ | $2^9 \cdot 1039 \cdot 63703$ | $2^9 \cdot 1049 \cdot 39821$ |
| $2^9 \cdot 1033 \cdot 101957$ | $2^9 \cdot 1039 \cdot 64223$ | $2^9 \cdot 1049 \cdot 39983$ | $2^9 \cdot 1049 \cdot 40063$ |
| $2^9 \cdot 2011 \cdot 2053$ | $2^9 \cdot 1051 \cdot 7423$ | $2^9 \cdot 1033 \cdot 103093$ | $2^9 \cdot 1061 \cdot 27893$ |
| $2^9 \cdot 1039 \cdot 64937$ | $2^9 \cdot 1051 \cdot 37573$ | $2^9 \cdot 2017 \cdot 2053$ | $2^9 \cdot 1223 \cdot 6151$ |
| $2^9 \cdot 1063 \cdot 26681$ | $2^9 \cdot 1049 \cdot 40507$ | $2^9 \cdot 2011 \cdot 2063$ | $2^9 \cdot 1223 \cdot 6163$ |
| $2^9 \cdot 1523 \cdot 3079$ | $2^9 \cdot 1039 \cdot 65327$ | $2^9 \cdot 1033 \cdot 103919$ | $2^9 \cdot 1279 \cdot 5051$ |
| $2^9 \cdot 1087 \cdot 17137$ | $2^9 \cdot 1049 \cdot 40709$ | $2^9 \cdot 1039 \cdot 65521$ | $2^9 \cdot 2017 \cdot 2063$ |
| $2^9 \cdot 1039 \cdot 65651$ | $2^9 \cdot 2027 \cdot 2053$ | $2^9 \cdot 1063 \cdot 26893$ | $2^9 \cdot 1151 \cdot 9109$ |
| $2^9 \cdot 1097 \cdot 15017$ | $2^9 \cdot 1093 \cdot 15817$ | $2^9 \cdot 2029 \cdot 2053$ | $2^9 \cdot 1117 \cdot 12049$ |
| $2^9 \cdot 1097 \cdot 15031$ | $2^9 \cdot 1231 \cdot 6007$ | $2^9 \cdot 1063 \cdot 26947$ | $2^9 \cdot 1361 \cdot 4091$ |
| $2^9 \cdot 1151 \cdot 9127$ | $2^9 \cdot 1087 \cdot 17239$ | $2^9 \cdot 1033 \cdot 104849$ | $2^9 \cdot 1117 \cdot 12073$ |
| $2^9 \cdot 1097 \cdot 15061$ | $2^9 \cdot 1279 \cdot 5081$ | $2^9 \cdot 1277 \cdot 5113$ | $2^9 \cdot 1229 \cdot 6067$ |
| $2^9 \cdot 1361 \cdot 4099$ | $2^9 \cdot 2017 \cdot 2069$ | $2^9 \cdot 1283 \cdot 5023$ | $2^9 \cdot 1543 \cdot 3023$ |
| $2^9 \cdot 1289 \cdot 4933$ | $2^9 \cdot 1979 \cdot 2111$ | $2^9 \cdot 1039 \cdot 66041$ | $2^9 \cdot 1229 \cdot 6073$ |
| $2^9 \cdot 1109 \cdot 13127$ | $2^9 \cdot 1367 \cdot 4049$ | $2^9 \cdot 1097 \cdot 15091$ | $2^9 \cdot 1229 \cdot 6079$ |

| | | | |
|-------------------------------|------------------------------|------------------------------|-------------------------------|
| $2^9 \cdot 1129 \cdot 10853$ | $2^9 \cdot 1123 \cdot 11443$ | $2^9 \cdot 1979 \cdot 2113$ | $2^9 \cdot 1373 \cdot 4001$ |
| $2^9 \cdot 1259 \cdot 5441$ | $2^9 \cdot 1523 \cdot 3109$ | $2^9 \cdot 1559 \cdot 2969$ | $2^9 \cdot 1319 \cdot 4549$ |
| $2^9 \cdot 1367 \cdot 4057$ | $2^9 \cdot 1993 \cdot 2099$ | $2^9 \cdot 1361 \cdot 4111$ | $2^9 \cdot 1303 \cdot 4751$ |
| $2^9 \cdot 1279 \cdot 5101$ | $2^9 \cdot 1229 \cdot 6091$ | $2^9 \cdot 1861 \cdot 2269$ | $2^9 \cdot 2027 \cdot 2063$ |
| $2^9 \cdot 1151 \cdot 9181$ | $2^9 \cdot 1091 \cdot 16381$ | $2^9 \cdot 1087 \cdot 17341$ | $2^9 \cdot 1039 \cdot 66301$ |
| $2^9 \cdot 1031 \cdot 131581$ | $2^9 \cdot 1307 \cdot 4703$ | $2^9 \cdot 1181 \cdot 7639$ | $2^9 \cdot 1049 \cdot 41233$ |
| $2^9 \cdot 1481 \cdot 3307$ | $2^9 \cdot 1601 \cdot 2833$ | $2^9 \cdot 2029 \cdot 2063$ | $2^9 \cdot 1499 \cdot 3221$ |
| $2^9 \cdot 1511 \cdot 3167$ | $2^9 \cdot 1789 \cdot 2389$ | $2^9 \cdot 1427 \cdot 3613$ | $2^9 \cdot 1249 \cdot 5653$ |
| $2^9 \cdot 1949 \cdot 2153$ | $2^9 \cdot 1301 \cdot 4787$ | $2^9 \cdot 1447 \cdot 3491$ | $2^9 \cdot 1289 \cdot 4957$ |
| $2^9 \cdot 1811 \cdot 2351$ | $2^9 \cdot 1531 \cdot 3083$ | $2^9 \cdot 1847 \cdot 2293$ | $2^9 \cdot 2039 \cdot 2053$ |
| $2^9 \cdot 1069 \cdot 23773$ | $2^9 \cdot 1093 \cdot 15973$ | $2^9 \cdot 1373 \cdot 4013$ | $2^9 \cdot 1031 \cdot 131839$ |
| $2^9 \cdot 1039 \cdot 66431$ | $2^9 \cdot 1151 \cdot 9199$ | $2^9 \cdot 1471 \cdot 3359$ | |

Table 3. All primitive weird numbers of form $2^{10} pq$. (Part 1)

| | | | |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| $2^{10} \cdot 2053 \cdot 605977$ | $2^{10} \cdot 2053 \cdot 607003$ | $2^{10} \cdot 2053 \cdot 614531$ | $2^{10} \cdot 2053 \cdot 615557$ |
| $2^{10} \cdot 2053 \cdot 618637$ | $2^{10} \cdot 2053 \cdot 618979$ | $2^{10} \cdot 2053 \cdot 627191$ | $2^{10} \cdot 2053 \cdot 630613$ |
| $2^{10} \cdot 2053 \cdot 639167$ | $2^{10} \cdot 2053 \cdot 639851$ | $2^{10} \cdot 2053 \cdot 640193$ | $2^{10} \cdot 2053 \cdot 642931$ |
| $2^{10} \cdot 2053 \cdot 643273$ | $2^{10} \cdot 2053 \cdot 643957$ | $2^{10} \cdot 2053 \cdot 651143$ | $2^{10} \cdot 2053 \cdot 676463$ |
| $2^{10} \cdot 2053 \cdot 677147$ | $2^{10} \cdot 2053 \cdot 680569$ | $2^{10} \cdot 2053 \cdot 681253$ | $2^{10} \cdot 2053 \cdot 688097$ |
| $2^{10} \cdot 2053 \cdot 693571$ | $2^{10} \cdot 2063 \cdot 249107$ | $2^{10} \cdot 2063 \cdot 250267$ | $2^{10} \cdot 2063 \cdot 260453$ |
| $2^{10} \cdot 2063 \cdot 260969$ | $2^{10} \cdot 2063 \cdot 262387$ | $2^{10} \cdot 2063 \cdot 263677$ | $2^{10} \cdot 2069 \cdot 184517$ |
| $2^{10} \cdot 2069 \cdot 185363$ | $2^{10} \cdot 2069 \cdot 185551$ | $2^{10} \cdot 2069 \cdot 185833$ | $2^{10} \cdot 2069 \cdot 188843$ |
| $2^{10} \cdot 2069 \cdot 189407$ | $2^{10} \cdot 2069 \cdot 189877$ | $2^{10} \cdot 2069 \cdot 190159$ | $2^{10} \cdot 2081 \cdot 123941$ |
| $2^{10} \cdot 2081 \cdot 124247$ | $2^{10} \cdot 2081 \cdot 124309$ | $2^{10} \cdot 2083 \cdot 115837$ | $2^{10} \cdot 2083 \cdot 117053$ |
| $2^{10} \cdot 2087 \cdot 104297$ | $2^{10} \cdot 2087 \cdot 105341$ | $2^{10} \cdot 2087 \cdot 105863$ | $2^{10} \cdot 2087 \cdot 105967$ |
| $2^{10} \cdot 2087 \cdot 106019$ | $2^{10} \cdot 2087 \cdot 106123$ | $2^{10} \cdot 2087 \cdot 106541$ | $2^{10} \cdot 2089 \cdot 99923$ |
| $2^{10} \cdot 2089 \cdot 100669$ | $2^{10} \cdot 2089 \cdot 100769$ | $2^{10} \cdot 2089 \cdot 101117$ | $2^{10} \cdot 2099 \cdot 81457$ |
| $2^{10} \cdot 2099 \cdot 81901$ | $2^{10} \cdot 2099 \cdot 82183$ | $2^{10} \cdot 2111 \cdot 66529$ | $2^{10} \cdot 2111 \cdot 67057$ |
| $2^{10} \cdot 2111 \cdot 67189$ | $2^{10} \cdot 2111 \cdot 67453$ | $2^{10} \cdot 2129 \cdot 52627$ | $2^{10} \cdot 2129 \cdot 52757$ |
| $2^{10} \cdot 2129 \cdot 52783$ | $2^{10} \cdot 2129 \cdot 52861$ | $2^{10} \cdot 2129 \cdot 53017$ | $2^{10} \cdot 2129 \cdot 53069$ |
| $2^{10} \cdot 2129 \cdot 53147$ | $2^{10} \cdot 2131 \cdot 51169$ | $2^{10} \cdot 2131 \cdot 51473$ | $2^{10} \cdot 2131 \cdot 51803$ |
| $2^{10} \cdot 2137 \cdot 48533$ | $2^{10} \cdot 2141 \cdot 44983$ | $2^{10} \cdot 2141 \cdot 46327$ | $2^{10} \cdot 2141 \cdot 46441$ |
| $2^{10} \cdot 2143 \cdot 45293$ | $2^{10} \cdot 2143 \cdot 45337$ | $2^{10} \cdot 2143 \cdot 45427$ | $2^{10} \cdot 2153 \cdot 40927$ |
| $2^{10} \cdot 2153 \cdot 41231$ | $2^{10} \cdot 2153 \cdot 41333$ | $2^{10} \cdot 2161 \cdot 38651$ | $2^{10} \cdot 2161 \cdot 38803$ |
| $2^{10} \cdot 2179 \cdot 33757$ | $2^{10} \cdot 2179 \cdot 33791$ | $2^{10} \cdot 2203 \cdot 28723$ | $2^{10} \cdot 2203 \cdot 28751$ |
| $2^{10} \cdot 2203 \cdot 28879$ | $2^{10} \cdot 2207 \cdot 28097$ | $2^{10} \cdot 2207 \cdot 28111$ | $2^{10} \cdot 2237 \cdot 24077$ |
| $2^{10} \cdot 2239 \cdot 23789$ | $2^{10} \cdot 2239 \cdot 23801$ | $2^{10} \cdot 2251 \cdot 22543$ | $2^{10} \cdot 2267 \cdot 21031$ |
| $2^{10} \cdot 2269 \cdot 20921$ | $2^{10} \cdot 2273 \cdot 20477$ | $2^{10} \cdot 2273 \cdot 20507$ | $2^{10} \cdot 2287 \cdot 19477$ |
| $2^{10} \cdot 2297 \cdot 18743$ | $2^{10} \cdot 2309 \cdot 17987$ | $2^{10} \cdot 2309 \cdot 18013$ | $2^{10} \cdot 2333 \cdot 16363$ |
| $2^{10} \cdot 2333 \cdot 16649$ | $2^{10} \cdot 2333 \cdot 16657$ | $2^{10} \cdot 2333 \cdot 16673$ | $2^{10} \cdot 2339 \cdot 16381$ |
| $2^{10} \cdot 2341 \cdot 16267$ | $2^{10} \cdot 2351 \cdot 15791$ | $2^{10} \cdot 2371 \cdot 14957$ | $2^{10} \cdot 2377 \cdot 14737$ |
| $2^{10} \cdot 2381 \cdot 14321$ | $2^{10} \cdot 2383 \cdot 14347$ | $2^{10} \cdot 2383 \cdot 14489$ | $2^{10} \cdot 2383 \cdot 14503$ |
| $2^{10} \cdot 2389 \cdot 14243$ | $2^{10} \cdot 2393 \cdot 14143$ | $2^{10} \cdot 2423 \cdot 13171$ | $2^{10} \cdot 2437 \cdot 12791$ |
| $2^{10} \cdot 2447 \cdot 12479$ | $2^{10} \cdot 2447 \cdot 12491$ | $2^{10} \cdot 2459 \cdot 12211$ | $2^{10} \cdot 2467 \cdot 12011$ |
| $2^{10} \cdot 2551 \cdot 10259$ | $2^{10} \cdot 2557 \cdot 10243$ | $2^{10} \cdot 2557 \cdot 10253$ | $2^{10} \cdot 2579 \cdot 9923$ |
| $2^{10} \cdot 2591 \cdot 9749$ | $2^{10} \cdot 2593 \cdot 9721$ | $2^{10} \cdot 2621 \cdot 9337$ | $2^{10} \cdot 2659 \cdot 8893$ |

| | | | |
|---------------------|---------------------|---------------------|---------------------|
| 2^{10} .2663-8849 | 2^{10} .2671-8753 | 2^{10} .2677-8689 | 2^{10} .2677-8693 |
| 2^{10} .2689-8573 | 2^{10} .2707-8387 | 2^{10} .2711-8353 | 2^{10} .2713-8191 |
| 2^{10} .2713-8293 | 2^{10} .2713-8297 | 2^{10} .2719-8209 | 2^{10} .2719-8221 |
| 2^{10} .2719-8233 | 2^{10} .2719-8237 | 2^{10} .2729-8191 | 2^{10} .2731-8101 |
| 2^{10} .2731-8117 | 2^{10} .2731-8161 | 2^{10} .2741-8053 | 2^{10} .2803-7589 |
| 2^{10} .2837-7351 | 2^{10} .2843-7307 | 2^{10} .2879-7079 | 2^{10} .2917-6863 |
| 2^{10} .2971-6581 | 2^{10} .3023-6337 | 2^{10} .3049-6143 | 2^{10} .3061-6143 |
| 2^{10} .3061-6173 | 2^{10} .3067-6143 | 2^{10} .3079-6089 | 2^{10} .3079-6101 |
| 2^{10} .3083-6079 | 2^{10} .3083-6091 | 2^{10} .3089-6053 | 2^{10} .3163-5801 |
| 2^{10} .3187-5717 | 2^{10} .3209-5653 | 2^{10} .3251-5527 | 2^{10} .3253-5521 |

Table 4. All primitive weird numbers of form $2^{10} pq$. (Part 2)

| | | | |
|---------------------|---------------------|---------------------|---------------------|
| 2^{10} .3299-5393 | 2^{10} .3469-4993 | 2^{10} .3511-4909 | 2^{10} .3607-4733 |
| 2^{10} .3673-4621 | 2^{10} .3739-4523 | 2^{10} .3767-4483 | 2^{10} .3797-4441 |
| 2^{10} .3821-4409 | 2^{10} .3881-4327 | 2^{10} .3907-4297 | 2^{10} .3917-4283 |
| 2^{10} .3919-4283 | 2^{10} .3929-4271 | 2^{10} .3929-4273 | 2^{10} .3931-4271 |
| 2^{10} .3947-4241 | 2^{10} .3967-4229 | 2^{10} .4013-4157 | 2^{10} .4013-4159 |
| 2^{10} .4019-4157 | 2^{10} .4019-4159 | 2^{10} .4021-4157 | 2^{10} .4021-4159 |
| 2^{10} .4027-4159 | 2^{10} .4049-4099 | 2^{10} .4049-4111 | 2^{10} .4049-4127 |
| 2^{10} .4049-4129 | 2^{10} .4049-4133 | 2^{10} .4051-4099 | 2^{10} .4051-4111 |
| 2^{10} .4051-4127 | 2^{10} .4051-4129 | 2^{10} .4051-4133 | 2^{10} .4057-4099 |
| 2^{10} .4057-4111 | 2^{10} .4057-4127 | 2^{10} .4057-4129 | 2^{10} .4073-4099 |
| 2^{10} .4073-4111 | 2^{10} .4079-4099 | | |

Table 5. All primitive weird numbers of form $2^{11} pq$. (Part 1)

| | | | |
|------------------------|------------------------|------------------------|------------------------|
| 2^{11} .4099-3368353 | 2^{11} .4099-3387823 | 2^{11} .4099-3417541 | 2^{11} .4099-3448283 |
| 2^{11} .4099-3486199 | 2^{11} .4099-3497471 | 2^{11} .4099-3507719 | 2^{11} .4099-3515917 |
| 2^{11} .4099-3532313 | 2^{11} .4099-3589699 | 2^{11} .4099-3595847 | 2^{11} .4099-3650159 |
| 2^{11} .4099-3674753 | 2^{11} .4099-3677827 | 2^{11} .4099-3679877 | 2^{11} .4099-3712669 |
| 2^{11} .4099-3732139 | 2^{11} .4099-3751609 | 2^{11} .4099-3756733 | 2^{11} .4099-3773129 |
| 2^{11} .4099-3778253 | 2^{11} .4099-3792599 | 2^{11} .4099-3797723 | 2^{11} .4099-3817193 |
| 2^{11} .4099-3822317 | 2^{11} .4099-3827441 | 2^{11} .4099-3841787 | 2^{11} .4099-3874579 |
| 2^{11} .4099-3896099 | 2^{11} .4099-3899173 | 2^{11} .4099-3901223 | 2^{11} .4099-3945287 |
| 2^{11} .4099-3948361 | 2^{11} .4099-3989351 | 2^{11} .4099-3997549 | 2^{11} .4099-3999599 |
| 2^{11} .4099-4007797 | 2^{11} .4099-4019069 | 2^{11} .4099-4022143 | 2^{11} .4099-4024193 |
| 2^{11} .4099-4038539 | 2^{11} .4099-4046737 | 2^{11} .4099-4063133 | 2^{11} .4099-4068257 |
| 2^{11} .4099-4081579 | 2^{11} .4099-4101049 | 2^{11} .4099-4112321 | 2^{11} .4099-4147163 |
| 2^{11} .4099-4186103 | 2^{11} .4099-4191227 | 2^{11} .4099-4194301 | 2^{11} .4111-992549 |
| 2^{11} .4111-996403 | 2^{11} .4111-1009507 | 2^{11} .4111-1014389 | 2^{11} .4111-1022611 |
| 2^{11} .4111-1026979 | 2^{11} .4111-1027493 | 2^{11} .4111-1028263 | 2^{11} .4111-1028777 |
| 2^{11} .4111-1031347 | 2^{11} .4111-1040339 | 2^{11} .4127-512521 | 2^{11} .4127-512779 |
| 2^{11} .4127-522323 | 2^{11} .4127-522839 | 2^{11} .4127-523097 | 2^{11} .4127-524257 |
| 2^{11} .4127-526063 | 2^{11} .4127-526837 | 2^{11} .4127-527353 | 2^{11} .4127-527869 |
| 2^{11} .4127-528127 | 2^{11} .4129-487829 | 2^{11} .4129-489043 | 2^{11} .4129-489407 |
| 2^{11} .4129-489529 | 2^{11} .4129-491593 | 2^{11} .4129-494387 | 2^{11} .4133-435161 |

| | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 2^{11} .4133-436357 | 2^{11} .4133-437771 | 2^{11} .4133-438533 | 2^{11} .4133-439511 |
| 2^{11} .4133-439729 | 2^{11} .4133-443753 | 2^{11} .4133-444079 | 2^{11} .4133-444623 |
| 2^{11} .4133-444841 | 2^{11} .4139-376837 | 2^{11} .4139-376931 | 2^{11} .4139-380129 |
| 2^{11} .4139-382763 | 2^{11} .4153-288991 | 2^{11} .4153-289063 | 2^{11} .4153-289349 |
| 2^{11} .4153-290137 | 2^{11} .4153-290351 | 2^{11} .4153-291569 | 2^{11} .4157-271277 |

Table 6. All primitive weird numbers of form $2^{11}pq$. (Part 2)

| | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 2^{11} .4157-272417 | 2^{11} .4157-273289 | 2^{11} .4157-274093 | 2^{11} .4159-264031 |
| 2^{11} .4159-264811 | 2^{11} .4159-266111 | 2^{11} .4177-206303 | 2^{11} .4177-207169 |
| 2^{11} .4177-208391 | 2^{11} .4177-208493 | 2^{11} .4201-161461 | 2^{11} .4201-161659 |
| 2^{11} .4201-162293 | 2^{11} .4211-147457 | 2^{11} .4211-148147 | 2^{11} .4217-140681 |
| 2^{11} .4217-141131 | 2^{11} .4217-141269 | 2^{11} .4217-141511 | 2^{11} .4229-128321 |
| 2^{11} .4231-126743 | 2^{11} .4231-126961 | 2^{11} .4231-127241 | 2^{11} .4241-118399 |
| 2^{11} .4241-118457 | 2^{11} .4243-116797 | 2^{11} .4243-116911 | 2^{11} .4243-116969 |
| 2^{11} .4253-110039 | 2^{11} .4259-102241 | 2^{11} .4259-105929 | 2^{11} .4259-106033 |
| 2^{11} .4259-106163 | 2^{11} .4259-106189 | 2^{11} .4259-106319 | 2^{11} .4261-104651 |
| 2^{11} .4261-104779 | 2^{11} .4261-104933 | 2^{11} .4261-104959 | 2^{11} .4271-99349 |
| 2^{11} .4283-92927 | 2^{11} .4289-90511 | 2^{11} .4289-90533 | 2^{11} .4297-86939 |
| 2^{11} .4327-76207 | 2^{11} .4339-72767 | 2^{11} .4349-69857 | 2^{11} .4357-65371 |
| 2^{11} .4363-66617 | 2^{11} .4373-64399 | 2^{11} .4397-59621 | 2^{11} .4409-57331 |
| 2^{11} .4409-57373 | 2^{11} .4409-57457 | 2^{11} .4421-55411 | 2^{11} .4441-52457 |
| 2^{11} .4447-51607 | 2^{11} .4447-51683 | 2^{11} .4447-51721 | 2^{11} .4451-51199 |
| 2^{11} .4463-49177 | 2^{11} .4463-49663 | 2^{11} .4481-47491 | 2^{11} .4483-47221 |
| 2^{11} .4483-47279 | 2^{11} .4493-46171 | 2^{11} .4493-46183 | 2^{11} .4507-44741 |
| 2^{11} .4513-44179 | 2^{11} .4513-44201 | 2^{11} .4517-43789 | 2^{11} .4519-43591 |
| 2^{11} .4519-43633 | 2^{11} .4547-40933 | 2^{11} .4547-40973 | 2^{11} .4547-40993 |
| 2^{11} .4547-41023 | 2^{11} .4549-40961 | 2^{11} .4549-41011 | 2^{11} .4561-40031 |
| 2^{11} .4591-37847 | 2^{11} .4603-36833 | 2^{11} .4603-36887 | 2^{11} .4603-36923 |
| 2^{11} .4639-34877 | 2^{11} .4649-34313 | 2^{11} .4651-34213 | 2^{11} .4663-33601 |
| 2^{11} .4663-33617 | 2^{11} .4673-32719 | 2^{11} .4673-32783 | 2^{11} .4673-33107 |
| 2^{11} .4679-32801 | 2^{11} .4691-32191 | 2^{11} .4703-31667 | 2^{11} .4721-30859 |
| 2^{11} .4729-30529 | 2^{11} .4733-30341 | 2^{11} .4783-28447 | 2^{11} .4787-28279 |
| 2^{11} .4799-27901 | 2^{11} .4801-27847 | 2^{11} .4831-26879 | 2^{11} .4871-25679 |
| 2^{11} .4903-24551 | 2^{11} .4903-24593 | 2^{11} .4903-24763 | 2^{11} .4903-24781 |
| 2^{11} .4909-24551 | 2^{11} .4909-24593 | 2^{11} .4909-24611 | 2^{11} .4909-24623 |
| 2^{11} .4909-24659 | 2^{11} .4909-24671 | 2^{11} .4909-24677 | 2^{11} .4909-24683 |
| 2^{11} .4919-24439 | 2^{11} .4937-23993 | 2^{11} .4943-23869 | 2^{11} .4957-23531 |
| 2^{11} .4957-23537 | 2^{11} .4987-22877 | 2^{11} .4999-22639 | 2^{11} .5009-22441 |
| 2^{11} .5021-22193 | 2^{11} .5023-22159 | 2^{11} .5087-20983 | 2^{11} .5099-20771 |
| 2^{11} .5101-20743 | 2^{11} .5101-20753 | 2^{11} .5107-20483 | 2^{11} .5107-20533 |
| 2^{11} .5107-20599 | 2^{11} .5107-20639 | 2^{11} .5113-20477 | 2^{11} .5113-20507 |
| 2^{11} .5119-20341 | 2^{11} .5119-20411 | 2^{11} .5119-20431 | 2^{11} .5119-20441 |
| 2^{11} .5179-19559 | 2^{11} .5189-19423 | 2^{11} .5227-18899 | 2^{11} .5279-18253 |
| 2^{11} .5281-18229 | 2^{11} .5297-18041 | 2^{11} .5309-17903 | 2^{11} .5381-17117 |
| 2^{11} .5441-16411 | 2^{11} .5441-16553 | 2^{11} .5443-16381 | 2^{11} .5443-16417 |
| 2^{11} .5443-16421 | 2^{11} .5443-16433 | 2^{11} .5449-16411 | 2^{11} .5449-16427 |

| | | | |
|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| $2^{11} \cdot 5449 \cdot 16447$ | $2^{11} \cdot 5449 \cdot 16451$ | $2^{11} \cdot 5471 \cdot 16273$ | $2^{11} \cdot 5477 \cdot 16189$ |
| $2^{11} \cdot 5477 \cdot 16193$ | $2^{11} \cdot 5479 \cdot 16187$ | $2^{11} \cdot 5507 \cdot 15959$ | $2^{11} \cdot 5507 \cdot 15971$ |
| $2^{11} \cdot 5519 \cdot 15859$ | $2^{11} \cdot 5531 \cdot 15761$ | $2^{11} \cdot 5569 \cdot 15467$ | $2^{11} \cdot 5659 \cdot 14813$ |

Table 7. All primitive weird numbers of form $2^{11} pq$. (Part 3)

| | | | |
|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| $2^{11} \cdot 5783 \cdot 14029$ | $2^{11} \cdot 5801 \cdot 13921$ | $2^{11} \cdot 5821 \cdot 13807$ | $2^{11} \cdot 5897 \cdot 13397$ |
| $2^{11} \cdot 5927 \cdot 13241$ | $2^{11} \cdot 5981 \cdot 12979$ | $2^{11} \cdot 5981 \cdot 12983$ | $2^{11} \cdot 6043 \cdot 12703$ |
| $2^{11} \cdot 6053 \cdot 12659$ | $2^{11} \cdot 6067 \cdot 12589$ | $2^{11} \cdot 6073 \cdot 12569$ | $2^{11} \cdot 6079 \cdot 12547$ |
| $2^{11} \cdot 6091 \cdot 12487$ | $2^{11} \cdot 6101 \cdot 12451$ | $2^{11} \cdot 6113 \cdot 12289$ | $2^{11} \cdot 6113 \cdot 12301$ |
| $2^{11} \cdot 6113 \cdot 12377$ | $2^{11} \cdot 6113 \cdot 12401$ | $2^{11} \cdot 6121 \cdot 12323$ | $2^{11} \cdot 6121 \cdot 12329$ |
| $2^{11} \cdot 6121 \cdot 12347$ | $2^{11} \cdot 6131 \cdot 12289$ | $2^{11} \cdot 6131 \cdot 12301$ | $2^{11} \cdot 6133 \cdot 12323$ |
| $2^{11} \cdot 6143 \cdot 12211$ | $2^{11} \cdot 6143 \cdot 12241$ | $2^{11} \cdot 6143 \cdot 12253$ | $2^{11} \cdot 6143 \cdot 12277$ |
| $2^{11} \cdot 6151 \cdot 12197$ | $2^{11} \cdot 6151 \cdot 12203$ | $2^{11} \cdot 6151 \cdot 12227$ | $2^{11} \cdot 6151 \cdot 12239$ |
| $2^{11} \cdot 6151 \cdot 12251$ | $2^{11} \cdot 6163 \cdot 12197$ | $2^{11} \cdot 6163 \cdot 12203$ | $2^{11} \cdot 6173 \cdot 12161$ |
| $2^{11} \cdot 6197 \cdot 12049$ | $2^{11} \cdot 6203 \cdot 12041$ | $2^{11} \cdot 6203 \cdot 12049$ | $2^{11} \cdot 6211 \cdot 12011$ |
| $2^{11} \cdot 6229 \cdot 11941$ | $2^{11} \cdot 6229 \cdot 11953$ | $2^{11} \cdot 6247 \cdot 11887$ | $2^{11} \cdot 6263 \cdot 11821$ |
| $2^{11} \cdot 6271 \cdot 11801$ | $2^{11} \cdot 6277 \cdot 11777$ | $2^{11} \cdot 6323 \cdot 11621$ | $2^{11} \cdot 6389 \cdot 11399$ |
| $2^{11} \cdot 6449 \cdot 11213$ | $2^{11} \cdot 6491 \cdot 11093$ | $2^{11} \cdot 6529 \cdot 10979$ | $2^{11} \cdot 6563 \cdot 10889$ |
| $2^{11} \cdot 6571 \cdot 10867$ | $2^{11} \cdot 6637 \cdot 10691$ | $2^{11} \cdot 6689 \cdot 10559$ | $2^{11} \cdot 6701 \cdot 10529$ |
| $2^{11} \cdot 6917 \cdot 10037$ | $2^{11} \cdot 6983 \cdot 9901$ | $2^{11} \cdot 7019 \cdot 9829$ | $2^{11} \cdot 7039 \cdot 9791$ |
| $2^{11} \cdot 7069 \cdot 9733$ | $2^{11} \cdot 7213 \cdot 9473$ | $2^{11} \cdot 7243 \cdot 9421$ | $2^{11} \cdot 7321 \cdot 9293$ |
| $2^{11} \cdot 7331 \cdot 9277$ | $2^{11} \cdot 7451 \cdot 9091$ | $2^{11} \cdot 7507 \cdot 9007$ | $2^{11} \cdot 7559 \cdot 8933$ |
| $2^{11} \cdot 7561 \cdot 8933$ | $2^{11} \cdot 7607 \cdot 8867$ | $2^{11} \cdot 7643 \cdot 8821$ | $2^{11} \cdot 7673 \cdot 8779$ |
| $2^{11} \cdot 7691 \cdot 8753$ | $2^{11} \cdot 7699 \cdot 8747$ | $2^{11} \cdot 7727 \cdot 8707$ | $2^{11} \cdot 7757 \cdot 8669$ |
| $2^{11} \cdot 7759 \cdot 8669$ | $2^{11} \cdot 7793 \cdot 8627$ | $2^{11} \cdot 7793 \cdot 8629$ | $2^{11} \cdot 7829 \cdot 8581$ |
| $2^{11} \cdot 7883 \cdot 8521$ | $2^{11} \cdot 7951 \cdot 8443$ | $2^{11} \cdot 8009 \cdot 8377$ | $2^{11} \cdot 8011 \cdot 8377$ |
| $2^{11} \cdot 8053 \cdot 8317$ | $2^{11} \cdot 8053 \cdot 8329$ | $2^{11} \cdot 8081 \cdot 8287$ | $2^{11} \cdot 8081 \cdot 8291$ |
| $2^{11} \cdot 8081 \cdot 8293$ | $2^{11} \cdot 8081 \cdot 8297$ | $2^{11} \cdot 8087 \cdot 8287$ | $2^{11} \cdot 8087 \cdot 8291$ |
| $2^{11} \cdot 8087 \cdot 8293$ | $2^{11} \cdot 8089 \cdot 8287$ | $2^{11} \cdot 8089 \cdot 8291$ | $2^{11} \cdot 8089 \cdot 8293$ |
| $2^{11} \cdot 8093 \cdot 8287$ | $2^{11} \cdot 8101 \cdot 8191$ | $2^{11} \cdot 8111 \cdot 8191$ | $2^{11} \cdot 8111 \cdot 8209$ |
| $2^{11} \cdot 8117 \cdot 8191$ | $2^{11} \cdot 8117 \cdot 8209$ | $2^{11} \cdot 8117 \cdot 8219$ | $2^{11} \cdot 8117 \cdot 8221$ |
| $2^{11} \cdot 8123 \cdot 8191$ | $2^{11} \cdot 8123 \cdot 8209$ | $2^{11} \cdot 8123 \cdot 8219$ | $2^{11} \cdot 8123 \cdot 8221$ |
| $2^{11} \cdot 8123 \cdot 8231$ | $2^{11} \cdot 8123 \cdot 8233$ | $2^{11} \cdot 8123 \cdot 8237$ | $2^{11} \cdot 8123 \cdot 8243$ |
| $2^{11} \cdot 8147 \cdot 8191$ | $2^{11} \cdot 8147 \cdot 8209$ | $2^{11} \cdot 8147 \cdot 8219$ | $2^{11} \cdot 8147 \cdot 8221$ |
| $2^{11} \cdot 8147 \cdot 8231$ | $2^{11} \cdot 8147 \cdot 8233$ | $2^{11} \cdot 8161 \cdot 8191$ | $2^{11} \cdot 8161 \cdot 8209$ |
| $2^{11} \cdot 8161 \cdot 8219$ | $2^{11} \cdot 8167 \cdot 8191$ | $2^{11} \cdot 8167 \cdot 8209$ | $2^{11} \cdot 8171 \cdot 8191$ |
| $2^{11} \cdot 8171 \cdot 8209$ | $2^{11} \cdot 8179 \cdot 8191$ | | |

Table 8. All primitive weird numbers of form $2^{12} pq$. (Part 1)

| | | | |
|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| $2^{12} \cdot 8209 \cdot 3541271$ | $2^{12} \cdot 8209 \cdot 3545831$ | $2^{12} \cdot 8209 \cdot 3556321$ | $2^{12} \cdot 8209 \cdot 3557689$ |
| $2^{12} \cdot 8209 \cdot 3606487$ | $2^{12} \cdot 8209 \cdot 3608767$ | $2^{12} \cdot 8209 \cdot 3610591$ | $2^{12} \cdot 8209 \cdot 3637043$ |
| $2^{12} \cdot 8209 \cdot 3639323$ | $2^{12} \cdot 8209 \cdot 3641147$ | $2^{12} \cdot 8209 \cdot 3642971$ | $2^{12} \cdot 8209 \cdot 3643883$ |
| $2^{12} \cdot 8209 \cdot 3644339$ | $2^{12} \cdot 8209 \cdot 3654829$ | $2^{12} \cdot 8209 \cdot 3655741$ | $2^{12} \cdot 8209 \cdot 3658021$ |
| $2^{12} \cdot 8209 \cdot 3658477$ | $2^{12} \cdot 8209 \cdot 3687209$ | $2^{12} \cdot 8209 \cdot 3690857$ | $2^{12} \cdot 8209 \cdot 3691313$ |
| $2^{12} \cdot 8209 \cdot 3692681$ | $2^{12} \cdot 8209 \cdot 3703171$ | $2^{12} \cdot 8209 \cdot 3705451$ | $2^{12} \cdot 8209 \cdot 3706819$ |

| | | | |
|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| $2^{12} \cdot 8209 \cdot 3708643$ | $2^{12} \cdot 8219 \cdot 2329499$ | $2^{12} \cdot 8219 \cdot 2339773$ | $2^{12} \cdot 8219 \cdot 2343589$ |
| $2^{12} \cdot 8219 \cdot 2344469$ | $2^{12} \cdot 8219 \cdot 2348579$ | $2^{12} \cdot 8219 \cdot 2352101$ | $2^{12} \cdot 8219 \cdot 2354743$ |
| $2^{12} \cdot 8219 \cdot 2355037$ | $2^{12} \cdot 8219 \cdot 2355917$ | $2^{12} \cdot 8219 \cdot 2360027$ | $2^{12} \cdot 8219 \cdot 2366191$ |
| $2^{12} \cdot 8219 \cdot 2370007$ | $2^{12} \cdot 8219 \cdot 2373529$ | $2^{12} \cdot 8219 \cdot 2373823$ | $2^{12} \cdot 8219 \cdot 2374997$ |
| $2^{12} \cdot 8219 \cdot 2389967$ | $2^{12} \cdot 8221 \cdot 2181031$ | $2^{12} \cdot 8221 \cdot 2182949$ | $2^{12} \cdot 8221 \cdot 2183771$ |
| $2^{12} \cdot 8221 \cdot 2184319$ | $2^{12} \cdot 8221 \cdot 2196377$ | $2^{12} \cdot 8221 \cdot 2197747$ | $2^{12} \cdot 8221 \cdot 2198569$ |
| $2^{12} \cdot 8221 \cdot 2198843$ | $2^{12} \cdot 8221 \cdot 2202131$ | $2^{12} \cdot 8221 \cdot 2211997$ | $2^{12} \cdot 8221 \cdot 2212271$ |
| $2^{12} \cdot 8221 \cdot 2213093$ | $2^{12} \cdot 8221 \cdot 2228713$ | $2^{12} \cdot 8221 \cdot 2228987$ | $2^{12} \cdot 8221 \cdot 2229809$ |
| $2^{12} \cdot 8221 \cdot 2234741$ | $2^{12} \cdot 8231 \cdot 1650109$ | $2^{12} \cdot 8231 \cdot 1650521$ | $2^{12} \cdot 8231 \cdot 1651961$ |
| $2^{12} \cdot 8231 \cdot 1654019$ | $2^{12} \cdot 8231 \cdot 1663073$ | $2^{12} \cdot 8231 \cdot 1667189$ | $2^{12} \cdot 8231 \cdot 1668629$ |
| $2^{12} \cdot 8231 \cdot 1670687$ | $2^{12} \cdot 8231 \cdot 1674391$ | $2^{12} \cdot 8231 \cdot 1675831$ | $2^{12} \cdot 8231 \cdot 1676243$ |
| $2^{12} \cdot 8231 \cdot 1679329$ | $2^{12} \cdot 8231 \cdot 1682827$ | $2^{12} \cdot 8231 \cdot 1683239$ | $2^{12} \cdot 8231 \cdot 1684679$ |
| $2^{12} \cdot 8231 \cdot 1685297$ | $2^{12} \cdot 8231 \cdot 1685503$ | $2^{12} \cdot 8233 \cdot 1573483$ | $2^{12} \cdot 8233 \cdot 1573679$ |
| $2^{12} \cdot 8233 \cdot 1574071$ | $2^{12} \cdot 8233 \cdot 1575443$ | $2^{12} \cdot 8233 \cdot 1577599$ | $2^{12} \cdot 8233 \cdot 1579363$ |
| $2^{12} \cdot 8233 \cdot 1579951$ | $2^{12} \cdot 8233 \cdot 1592693$ | $2^{12} \cdot 8233 \cdot 1593281$ | $2^{12} \cdot 8233 \cdot 1594261$ |
| $2^{12} \cdot 8233 \cdot 1594849$ | $2^{12} \cdot 8233 \cdot 1595437$ | $2^{12} \cdot 8233 \cdot 1605631$ | $2^{12} \cdot 8237 \cdot 1438609$ |
| $2^{12} \cdot 8237 \cdot 1439147$ | $2^{12} \cdot 8237 \cdot 1442191$ | $2^{12} \cdot 8237 \cdot 1442549$ | $2^{12} \cdot 8237 \cdot 1445593$ |
| $2^{12} \cdot 8237 \cdot 1450249$ | $2^{12} \cdot 8237 \cdot 1453651$ | $2^{12} \cdot 8237 \cdot 1455263$ | $2^{12} \cdot 8237 \cdot 1457411$ |
| $2^{12} \cdot 8237 \cdot 1460993$ | $2^{12} \cdot 8237 \cdot 1461709$ | $2^{12} \cdot 8237 \cdot 1465469$ | $2^{12} \cdot 8243 \cdot 1288919$ |
| $2^{12} \cdot 8243 \cdot 1291139$ | $2^{12} \cdot 8243 \cdot 1291931$ | $2^{12} \cdot 8243 \cdot 1293199$ | $2^{12} \cdot 8243 \cdot 1294309$ |
| $2^{12} \cdot 8243 \cdot 1298113$ | $2^{12} \cdot 8263 \cdot 929587$ | $2^{12} \cdot 8263 \cdot 932227$ | $2^{12} \cdot 8263 \cdot 932341$ |
| $2^{12} \cdot 8263 \cdot 933259$ | $2^{12} \cdot 8263 \cdot 934981$ | $2^{12} \cdot 8263 \cdot 935899$ | $2^{12} \cdot 8263 \cdot 938309$ |
| $2^{12} \cdot 8263 \cdot 940031$ | $2^{12} \cdot 8269 \cdot 857749$ | $2^{12} \cdot 8269 \cdot 859657$ | $2^{12} \cdot 8273 \cdot 818219$ |
| $2^{12} \cdot 8273 \cdot 821851$ | $2^{12} \cdot 8273 \cdot 824777$ | $2^{12} \cdot 8273 \cdot 826391$ | $2^{12} \cdot 8287 \cdot 702323$ |
| $2^{12} \cdot 8287 \cdot 703013$ | $2^{12} \cdot 8287 \cdot 703531$ | $2^{12} \cdot 8287 \cdot 704567$ | $2^{12} \cdot 8287 \cdot 704999$ |
| $2^{12} \cdot 8287 \cdot 705689$ | $2^{12} \cdot 8287 \cdot 706207$ | $2^{12} \cdot 8287 \cdot 707071$ | $2^{12} \cdot 8291 \cdot 673063$ |
| $2^{12} \cdot 8291 \cdot 673643$ | $2^{12} \cdot 8291 \cdot 678037$ | $2^{12} \cdot 8291 \cdot 678203$ | $2^{12} \cdot 8291 \cdot 678949$ |
| $2^{12} \cdot 8293 \cdot 662789$ | $2^{12} \cdot 8293 \cdot 663683$ | $2^{12} \cdot 8293 \cdot 664009$ | $2^{12} \cdot 8293 \cdot 664253$ |
| $2^{12} \cdot 8297 \cdot 635659$ | $2^{12} \cdot 8297 \cdot 640043$ | $2^{12} \cdot 8297 \cdot 640121$ | $2^{12} \cdot 8297 \cdot 640669$ |
| $2^{12} \cdot 8311 \cdot 562931$ | $2^{12} \cdot 8311 \cdot 564593$ | $2^{12} \cdot 8311 \cdot 565771$ | $2^{12} \cdot 8311 \cdot 565909$ |
| $2^{12} \cdot 8311 \cdot 565979$ | $2^{12} \cdot 8311 \cdot 566879$ | $2^{12} \cdot 8329 \cdot 491531$ | $2^{12} \cdot 8329 \cdot 491773$ |
| $2^{12} \cdot 8329 \cdot 491833$ | $2^{12} \cdot 8329 \cdot 492799$ | $2^{12} \cdot 8329 \cdot 493463$ | $2^{12} \cdot 8329 \cdot 493523$ |
| $2^{12} \cdot 8329 \cdot 493583$ | $2^{12} \cdot 8353 \cdot 420073$ | $2^{12} \cdot 8353 \cdot 420331$ | $2^{12} \cdot 8353 \cdot 420743$ |
| $2^{12} \cdot 8353 \cdot 421207$ | $2^{12} \cdot 8353 \cdot 421517$ | $2^{12} \cdot 8363 \cdot 393109$ | $2^{12} \cdot 8363 \cdot 398117$ |
| $2^{12} \cdot 8369 \cdot 383281$ | $2^{12} \cdot 8369 \cdot 383657$ | $2^{12} \cdot 8369 \cdot 384691$ | $2^{12} \cdot 8377 \cdot 367597$ |
| $2^{12} \cdot 8377 \cdot 367687$ | $2^{12} \cdot 8377 \cdot 367777$ | $2^{12} \cdot 8377 \cdot 367867$ | $2^{12} \cdot 8377 \cdot 367957$ |

Table 9. All primitive weird numbers of form $2^{12} pq$. (Part 2)

| | | | |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| $2^{12} \cdot 8377 \cdot 368047$ | $2^{12} \cdot 8377 \cdot 368227$ | $2^{12} \cdot 8377 \cdot 368633$ | $2^{12} \cdot 8387 \cdot 349387$ |
| $2^{12} \cdot 8387 \cdot 349729$ | $2^{12} \cdot 8389 \cdot 345431$ | $2^{12} \cdot 8389 \cdot 345601$ | $2^{12} \cdot 8389 \cdot 345643$ |
| $2^{12} \cdot 8389 \cdot 346321$ | $2^{12} \cdot 8389 \cdot 347041$ | $2^{12} \cdot 8419 \cdot 301237$ | $2^{12} \cdot 8419 \cdot 301459$ |
| $2^{12} \cdot 8419 \cdot 301643$ | $2^{12} \cdot 8419 \cdot 302123$ | $2^{12} \cdot 8423 \cdot 296729$ | $2^{12} \cdot 8423 \cdot 296801$ |
| $2^{12} \cdot 8423 \cdot 296983$ | $2^{12} \cdot 8423 \cdot 297019$ | $2^{12} \cdot 8429 \cdot 289171$ | $2^{12} \cdot 8429 \cdot 290021$ |
| $2^{12} \cdot 8431 \cdot 287251$ | $2^{12} \cdot 8431 \cdot 287321$ | $2^{12} \cdot 8443 \cdot 270209$ | $2^{12} \cdot 8443 \cdot 273727$ |
| $2^{12} \cdot 8443 \cdot 273827$ | $2^{12} \cdot 8447 \cdot 269281$ | $2^{12} \cdot 8447 \cdot 269413$ | $2^{12} \cdot 8447 \cdot 270073$ |
| $2^{12} \cdot 8447 \cdot 270271$ | $2^{12} \cdot 8461 \cdot 256117$ | $2^{12} \cdot 8461 \cdot 256211$ | $2^{12} \cdot 8461 \cdot 256493$ |

| | | | |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| $2^{12} \cdot 8467 \cdot 250451$ | $2^{12} \cdot 8467 \cdot 250543$ | $2^{12} \cdot 8467 \cdot 250727$ | $2^{12} \cdot 8467 \cdot 251003$ |
| $2^{12} \cdot 8501 \cdot 224069$ | $2^{12} \cdot 8501 \cdot 224261$ | $2^{12} \cdot 8501 \cdot 224563$ | $2^{12} \cdot 8513 \cdot 212851$ |
| $2^{12} \cdot 8513 \cdot 216023$ | $2^{12} \cdot 8513 \cdot 216103$ | $2^{12} \cdot 8521 \cdot 210907$ | $2^{12} \cdot 8521 \cdot 211217$ |
| $2^{12} \cdot 8521 \cdot 211501$ | $2^{12} \cdot 8527 \cdot 207287$ | $2^{12} \cdot 8527 \cdot 207541$ | $2^{12} \cdot 8527 \cdot 207769$ |
| $2^{12} \cdot 8537 \cdot 201557$ | $2^{12} \cdot 8537 \cdot 201581$ | $2^{12} \cdot 8537 \cdot 202001$ | $2^{12} \cdot 8537 \cdot 202099$ |
| $2^{12} \cdot 8539 \cdot 200789$ | $2^{12} \cdot 8543 \cdot 198479$ | $2^{12} \cdot 8543 \cdot 198503$ | $2^{12} \cdot 8543 \cdot 198673$ |
| $2^{12} \cdot 8573 \cdot 180077$ | $2^{12} \cdot 8573 \cdot 183511$ | $2^{12} \cdot 8573 \cdot 183691$ | $2^{12} \cdot 8573 \cdot 183713$ |
| $2^{12} \cdot 8597 \cdot 173189$ | $2^{12} \cdot 8599 \cdot 171937$ | $2^{12} \cdot 8599 \cdot 172001$ | $2^{12} \cdot 8599 \cdot 172127$ |
| $2^{12} \cdot 8599 \cdot 172169$ | $2^{12} \cdot 8599 \cdot 172633$ | $2^{12} \cdot 8623 \cdot 163337$ | $2^{12} \cdot 8623 \cdot 163417$ |
| $2^{12} \cdot 8623 \cdot 163477$ | $2^{12} \cdot 8627 \cdot 162053$ | $2^{12} \cdot 8641 \cdot 157189$ | $2^{12} \cdot 8647 \cdot 155171$ |
| $2^{12} \cdot 8647 \cdot 155209$ | $2^{12} \cdot 8663 \cdot 147289$ | $2^{12} \cdot 8663 \cdot 150097$ | $2^{12} \cdot 8663 \cdot 150299$ |
| $2^{12} \cdot 8669 \cdot 147391$ | $2^{12} \cdot 8669 \cdot 147409$ | $2^{12} \cdot 8669 \cdot 147481$ | $2^{12} \cdot 8669 \cdot 148279$ |
| $2^{12} \cdot 8677 \cdot 145991$ | $2^{12} \cdot 8677 \cdot 146009$ | $2^{12} \cdot 8681 \cdot 145043$ | $2^{12} \cdot 8689 \cdot 142757$ |
| $2^{12} \cdot 8689 \cdot 142897$ | $2^{12} \cdot 8699 \cdot 139201$ | $2^{12} \cdot 8699 \cdot 139303$ | $2^{12} \cdot 8699 \cdot 140057$ |
| $2^{12} \cdot 8699 \cdot 140177$ | $2^{12} \cdot 8707 \cdot 138113$ | $2^{12} \cdot 8707 \cdot 138181$ | $2^{12} \cdot 8713 \cdot 136537$ |
| $2^{12} \cdot 8713 \cdot 136603$ | $2^{12} \cdot 8731 \cdot 132371$ | $2^{12} \cdot 8731 \cdot 132403$ | $2^{12} \cdot 8737 \cdot 131071$ |
| $2^{12} \cdot 8747 \cdot 128813$ | $2^{12} \cdot 8753 \cdot 127541$ | $2^{12} \cdot 8761 \cdot 125743$ | $2^{12} \cdot 8761 \cdot 125789$ |
| $2^{12} \cdot 8761 \cdot 125897$ | $2^{12} \cdot 8779 \cdot 122219$ | $2^{12} \cdot 8779 \cdot 122263$ | $2^{12} \cdot 8783 \cdot 121493$ |
| $2^{12} \cdot 8819 \cdot 114689$ | $2^{12} \cdot 8819 \cdot 114773$ | $2^{12} \cdot 8819 \cdot 114913$ | $2^{12} \cdot 8819 \cdot 114941$ |
| $2^{12} \cdot 8831 \cdot 112967$ | $2^{12} \cdot 8831 \cdot 113023$ | $2^{12} \cdot 8837 \cdot 111953$ | $2^{12} \cdot 8861 \cdot 108223$ |
| $2^{12} \cdot 8861 \cdot 108289$ | $2^{12} \cdot 8863 \cdot 107951$ | $2^{12} \cdot 8867 \cdot 106417$ | $2^{12} \cdot 8867 \cdot 107309$ |
| $2^{12} \cdot 8887 \cdot 104473$ | $2^{12} \cdot 8887 \cdot 104537$ | $2^{12} \cdot 8887 \cdot 104549$ | $2^{12} \cdot 8923 \cdot 99823$ |
| $2^{12} \cdot 8929 \cdot 98327$ | $2^{12} \cdot 8929 \cdot 98981$ | $2^{12} \cdot 8929 \cdot 98993$ | $2^{12} \cdot 8929 \cdot 99017$ |
| $2^{12} \cdot 8929 \cdot 99041$ | $2^{12} \cdot 8929 \cdot 99053$ | $2^{12} \cdot 8933 \cdot 98299$ | $2^{12} \cdot 8933 \cdot 98323$ |
| $2^{12} \cdot 8933 \cdot 98347$ | $2^{12} \cdot 8933 \cdot 98407$ | $2^{12} \cdot 8933 \cdot 98419$ | $2^{12} \cdot 8933 \cdot 98443$ |
| $2^{12} \cdot 8933 \cdot 98467$ | $2^{12} \cdot 8933 \cdot 98479$ | $2^{12} \cdot 8933 \cdot 98491$ | $2^{12} \cdot 8933 \cdot 98563$ |
| $2^{12} \cdot 8963 \cdot 94993$ | $2^{12} \cdot 8963 \cdot 95063$ | $2^{12} \cdot 8971 \cdot 94207$ | $2^{12} \cdot 8999 \cdot 90023$ |
| $2^{12} \cdot 8999 \cdot 90067$ | $2^{12} \cdot 8999 \cdot 91159$ | $2^{12} \cdot 9007 \cdot 90191$ | $2^{12} \cdot 9007 \cdot 90379$ |
| $2^{12} \cdot 9007 \cdot 90401$ | $2^{12} \cdot 9011 \cdot 89923$ | $2^{12} \cdot 9011 \cdot 89989$ | $2^{12} \cdot 9011 \cdot 90011$ |
| $2^{12} \cdot 9013 \cdot 89779$ | $2^{12} \cdot 9043 \cdot 86927$ | $2^{12} \cdot 9067 \cdot 84697$ | $2^{12} \cdot 9091 \cdot 81839$ |
| $2^{12} \cdot 9091 \cdot 81869$ | $2^{12} \cdot 9091 \cdot 81899$ | $2^{12} \cdot 9091 \cdot 82657$ | $2^{12} \cdot 9103 \cdot 81637$ |
| $2^{12} \cdot 9103 \cdot 81647$ | $2^{12} \cdot 9103 \cdot 81667$ | $2^{12} \cdot 9103 \cdot 81677$ | $2^{12} \cdot 9103 \cdot 81707$ |
| $2^{12} \cdot 9103 \cdot 81727$ | $2^{12} \cdot 9103 \cdot 81737$ | $2^{12} \cdot 9109 \cdot 81197$ | $2^{12} \cdot 9127 \cdot 79841$ |
| $2^{12} \cdot 9127 \cdot 79861$ | $2^{12} \cdot 9137 \cdot 79103$ | $2^{12} \cdot 9151 \cdot 78031$ | $2^{12} \cdot 9151 \cdot 78059$ |

Table 10. All primitive weird numbers of form $2^{12} pq$. (Part 3)

| | | | |
|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| $2^{12} \cdot 9151 \cdot 78079$ | $2^{12} \cdot 9161 \cdot 77339$ | $2^{12} \cdot 9199 \cdot 74687$ | $2^{12} \cdot 9209 \cdot 73681$ |
| $2^{12} \cdot 9209 \cdot 73699$ | $2^{12} \cdot 9209 \cdot 73771$ | $2^{12} \cdot 9209 \cdot 73961$ | $2^{12} \cdot 9209 \cdot 74051$ |
| $2^{12} \cdot 9227 \cdot 72907$ | $2^{12} \cdot 9241 \cdot 72053$ | $2^{12} \cdot 9257 \cdot 71129$ | $2^{12} \cdot 9281 \cdot 69709$ |
| $2^{12} \cdot 9293 \cdot 69031$ | $2^{12} \cdot 9293 \cdot 69073$ | $2^{12} \cdot 9311 \cdot 68053$ | $2^{12} \cdot 9323 \cdot 67427$ |
| $2^{12} \cdot 9341 \cdot 66491$ | $2^{12} \cdot 9341 \cdot 66499$ | $2^{12} \cdot 9343 \cdot 66431$ | $2^{12} \cdot 9349 \cdot 65539$ |
| $2^{12} \cdot 9371 \cdot 65033$ | $2^{12} \cdot 9397 \cdot 63799$ | $2^{12} \cdot 9397 \cdot 63823$ | $2^{12} \cdot 9413 \cdot 63079$ |
| $2^{12} \cdot 9431 \cdot 62297$ | $2^{12} \cdot 9463 \cdot 60899$ | $2^{12} \cdot 9467 \cdot 60763$ | $2^{12} \cdot 9479 \cdot 60251$ |
| $2^{12} \cdot 9479 \cdot 60259$ | $2^{12} \cdot 9491 \cdot 59771$ | $2^{12} \cdot 9511 \cdot 58997$ | $2^{12} \cdot 9511 \cdot 59011$ |
| $2^{12} \cdot 9533 \cdot 58171$ | $2^{12} \cdot 9547 \cdot 57373$ | $2^{12} \cdot 9547 \cdot 57641$ | $2^{12} \cdot 9551 \cdot 57383$ |
| $2^{12} \cdot 9551 \cdot 57397$ | $2^{12} \cdot 9551 \cdot 57467$ | $2^{12} \cdot 9587 \cdot 56237$ | $2^{12} \cdot 9619 \cdot 55147$ |

| | | | |
|----------------------|----------------------|----------------------|----------------------|
| $2^{12}.9643-54371$ | $2^{12}.9649-54181$ | $2^{12}.9677-53327$ | $2^{12}.9679-53267$ |
| $2^{12}.9697-52721$ | $2^{12}.9749-51229$ | $2^{12}.9749-51241$ | $2^{12}.9769-50683$ |
| $2^{12}.9781-50387$ | $2^{12}.9791-50111$ | $2^{12}.9791-50123$ | $2^{12}.9803-49787$ |
| $2^{12}.9803-49811$ | $2^{12}.9811-49139$ | $2^{12}.9811-49157$ | $2^{12}.9817-49139$ |
| $2^{12}.9817-49157$ | $2^{12}.9817-49169$ | $2^{12}.9817-49193$ | $2^{12}.9817-49199$ |
| $2^{12}.9817-49211$ | $2^{12}.9817-49223$ | $2^{12}.9817-49429$ | $2^{12}.9833-48973$ |
| $2^{12}.9833-48991$ | $2^{12}.9833-49003$ | $2^{12}.9833-49009$ | $2^{12}.9833-49033$ |
| $2^{12}.9871-48109$ | $2^{12}.9871-48121$ | $2^{12}.9883-47797$ | $2^{12}.9883-47837$ |
| $2^{12}.9883-47843$ | $2^{12}.9941-46523$ | $2^{12}.9949-46349$ | $2^{12}.9973-45841$ |
| $2^{12}.10007-45119$ | $2^{12}.10037-44519$ | $2^{12}.10039-44491$ | $2^{12}.10061-44053$ |
| $2^{12}.10067-43943$ | $2^{12}.10079-43711$ | $2^{12}.10079-43721$ | $2^{12}.10163-42187$ |
| $2^{12}.10169-42089$ | $2^{12}.10211-41389$ | $2^{12}.10223-41017$ | $2^{12}.10223-41047$ |
| $2^{12}.10223-41143$ | $2^{12}.10223-41183$ | $2^{12}.10223-41203$ | $2^{12}.10243-40787$ |
| $2^{12}.10243-40847$ | $2^{12}.10243-40867$ | $2^{12}.10247-40813$ | $2^{12}.10247-40823$ |
| $2^{12}.10253-40639$ | $2^{12}.10259-40609$ | $2^{12}.10267-40499$ | $2^{12}.10271-40427$ |
| $2^{12}.10301-39983$ | $2^{12}.10303-39929$ | $2^{12}.10303-39953$ | $2^{12}.10333-39503$ |
| $2^{12}.10343-39367$ | $2^{12}.10357-39161$ | $2^{12}.10399-38567$ | $2^{12}.10453-37847$ |
| $2^{12}.10457-37799$ | $2^{12}.10529-36887$ | $2^{12}.10559-36523$ | $2^{12}.10597-36067$ |
| $2^{12}.10639-35593$ | $2^{12}.10657-35393$ | $2^{12}.10663-35323$ | $2^{12}.10663-35327$ |
| $2^{12}.10667-35279$ | $2^{12}.10691-35023$ | $2^{12}.10691-35027$ | $2^{12}.10739-34513$ |
| $2^{12}.10837-33547$ | $2^{12}.10853-33349$ | $2^{12}.10859-33317$ | $2^{12}.10859-33329$ |
| $2^{12}.10861-33311$ | $2^{12}.10883-33073$ | $2^{12}.10883-33113$ | $2^{12}.10889-32771$ |
| $2^{12}.10889-32993$ | $2^{12}.10891-32789$ | $2^{12}.10891-32983$ | $2^{12}.10891-32987$ |
| $2^{12}.10891-32999$ | $2^{12}.10891-33023$ | $2^{12}.10903-32789$ | $2^{12}.10903-32797$ |
| $2^{12}.10903-32801$ | $2^{12}.10903-32833$ | $2^{12}.10903-32869$ | $2^{12}.10909-32771$ |
| $2^{12}.10909-32779$ | $2^{12}.10909-32783$ | $2^{12}.10909-32803$ | $2^{12}.10909-32831$ |
| $2^{12}.10909-32839$ | $2^{12}.10909-32843$ | $2^{12}.10937-32611$ | $2^{12}.10949-32497$ |
| $2^{12}.10957-32411$ | $2^{12}.10957-32423$ | $2^{12}.10957-32443$ | $2^{12}.10973-32299$ |
| $2^{12}.10973-32303$ | $2^{12}.10979-32251$ | $2^{12}.10987-32159$ | $2^{12}.11047-31667$ |

Table 11. All primitive weird numbers of form $2^{12}pq$. (Part 4)

| | | | |
|----------------------|----------------------|----------------------|----------------------|
| $2^{12}.11161-30781$ | $2^{12}.11279-29917$ | $2^{12}.11383-29209$ | $2^{12}.11399-29101$ |
| $2^{12}.11411-29023$ | $2^{12}.11411-29027$ | $2^{12}.11423-28949$ | $2^{12}.11447-28793$ |
| $2^{12}.11483-28571$ | $2^{12}.11519-28351$ | $2^{12}.11587-27943$ | $2^{12}.11587-27947$ |
| $2^{12}.11621-27751$ | $2^{12}.11677-27437$ | $2^{12}.11689-27367$ | $2^{12}.11731-27143$ |
| $2^{12}.11777-26893$ | $2^{12}.11813-26711$ | $2^{12}.11863-26459$ | $2^{12}.11971-25933$ |
| $2^{12}.12041-25601$ | $2^{12}.12097-25367$ | $2^{12}.12161-25087$ | $2^{12}.12163-25057$ |
| $2^{12}.12197-24917$ | $2^{12}.12197-24923$ | $2^{12}.12203-24889$ | $2^{12}.12203-24907$ |
| $2^{12}.12211-24859$ | $2^{12}.12211-24877$ | $2^{12}.12227-24793$ | $2^{12}.12227-24799$ |
| $2^{12}.12241-24593$ | $2^{12}.12241-24611$ | $2^{12}.12251-24631$ | $2^{12}.12253-24593$ |
| $2^{12}.12253-24611$ | $2^{12}.12253-24623$ | $2^{12}.12253-24659$ | $2^{12}.12253-24671$ |
| $2^{12}.12253-24677$ | $2^{12}.12253-24683$ | $2^{12}.12263-24631$ | $2^{12}.12269-24631$ |
| $2^{12}.12277-24593$ | $2^{12}.12277-24611$ | $2^{12}.12289-24419$ | $2^{12}.12289-24443$ |
| $2^{12}.12289-24473$ | $2^{12}.12289-24509$ | $2^{12}.12289-24527$ | $2^{12}.12289-24533$ |
| $2^{12}.12289-24551$ | $2^{12}.12301-24443$ | $2^{12}.12301-24473$ | $2^{12}.12301-24509$ |
| $2^{12}.12323-24407$ | $2^{12}.12323-24413$ | $2^{12}.12323-24419$ | $2^{12}.12343-24317$ |

| | | | |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| $2^{12} \cdot 12343 \cdot 24329$ | $2^{12} \cdot 12347 \cdot 24281$ | $2^{12} \cdot 12401 \cdot 24121$ | $2^{12} \cdot 12409 \cdot 24091$ |
| $2^{12} \cdot 12409 \cdot 24097$ | $2^{12} \cdot 12421 \cdot 24043$ | $2^{12} \cdot 12421 \cdot 24049$ | $2^{12} \cdot 12433 \cdot 24001$ |
| $2^{12} \cdot 12433 \cdot 24007$ | $2^{12} \cdot 12451 \cdot 23917$ | $2^{12} \cdot 12457 \cdot 23909$ | $2^{12} \cdot 12503 \cdot 23747$ |
| $2^{12} \cdot 12541 \cdot 23603$ | $2^{12} \cdot 12547 \cdot 23593$ | $2^{12} \cdot 12653 \cdot 23227$ | $2^{12} \cdot 12671 \cdot 23167$ |
| $2^{12} \cdot 12713 \cdot 23027$ | $2^{12} \cdot 12739 \cdot 22943$ | $2^{12} \cdot 12799 \cdot 22751$ | $2^{12} \cdot 12821 \cdot 22679$ |
| $2^{12} \cdot 12829 \cdot 22651$ | $2^{12} \cdot 12841 \cdot 22619$ | $2^{12} \cdot 12899 \cdot 22441$ | $2^{12} \cdot 12919 \cdot 22381$ |
| $2^{12} \cdot 12923 \cdot 22369$ | $2^{12} \cdot 13003 \cdot 22133$ | $2^{12} \cdot 13177 \cdot 21647$ | $2^{12} \cdot 13421 \cdot 21019$ |
| $2^{12} \cdot 13523 \cdot 20773$ | $2^{12} \cdot 13619 \cdot 20551$ | $2^{12} \cdot 13627 \cdot 20533$ | $2^{12} \cdot 13649 \cdot 20483$ |
| $2^{12} \cdot 13681 \cdot 20411$ | $2^{12} \cdot 13691 \cdot 20389$ | $2^{12} \cdot 13721 \cdot 20323$ | $2^{12} \cdot 14107 \cdot 19531$ |
| $2^{12} \cdot 14143 \cdot 19463$ | $2^{12} \cdot 14153 \cdot 19441$ | $2^{12} \cdot 14159 \cdot 19433$ | $2^{12} \cdot 14281 \cdot 19207$ |
| $2^{12} \cdot 14293 \cdot 19183$ | $2^{12} \cdot 14519 \cdot 18793$ | $2^{12} \cdot 14549 \cdot 18743$ | $2^{12} \cdot 14591 \cdot 18671$ |
| $2^{12} \cdot 14639 \cdot 18593$ | $2^{12} \cdot 14827 \cdot 18301$ | $2^{12} \cdot 14939 \cdot 18133$ | $2^{12} \cdot 14947 \cdot 18119$ |
| $2^{12} \cdot 14947 \cdot 18121$ | $2^{12} \cdot 14969 \cdot 18089$ | $2^{12} \cdot 15061 \cdot 17957$ | $2^{12} \cdot 15073 \cdot 17939$ |
| $2^{12} \cdot 15077 \cdot 17929$ | $2^{12} \cdot 15083 \cdot 17923$ | $2^{12} \cdot 15241 \cdot 17707$ | $2^{12} \cdot 15259 \cdot 17683$ |
| $2^{12} \cdot 15277 \cdot 17659$ | $2^{12} \cdot 15299 \cdot 17627$ | $2^{12} \cdot 15359 \cdot 17551$ | $2^{12} \cdot 15383 \cdot 17519$ |
| $2^{12} \cdot 15391 \cdot 17509$ | $2^{12} \cdot 15461 \cdot 17417$ | $2^{12} \cdot 15461 \cdot 17419$ | $2^{12} \cdot 15607 \cdot 17231$ |
| $2^{12} \cdot 15647 \cdot 17189$ | $2^{12} \cdot 15683 \cdot 17137$ | $2^{12} \cdot 15727 \cdot 17093$ | $2^{12} \cdot 15737 \cdot 17077$ |
| $2^{12} \cdot 15739 \cdot 17077$ | $2^{12} \cdot 15761 \cdot 17047$ | $2^{12} \cdot 15761 \cdot 17053$ | $2^{12} \cdot 15773 \cdot 17033$ |
| $2^{12} \cdot 15787 \cdot 17021$ | $2^{12} \cdot 15797 \cdot 17011$ | $2^{12} \cdot 15809 \cdot 16993$ | $2^{12} \cdot 15823 \cdot 16979$ |
| $2^{12} \cdot 15823 \cdot 16981$ | $2^{12} \cdot 15913 \cdot 16879$ | $2^{12} \cdot 15959 \cdot 16823$ | $2^{12} \cdot 16061 \cdot 16699$ |
| $2^{12} \cdot 16061 \cdot 16703$ | $2^{12} \cdot 16063 \cdot 16699$ | $2^{12} \cdot 16063 \cdot 16703$ | $2^{12} \cdot 16067 \cdot 16703$ |
| $2^{12} \cdot 16069 \cdot 16703$ | $2^{12} \cdot 16073 \cdot 16703$ | $2^{12} \cdot 16087 \cdot 16673$ | $2^{12} \cdot 16091 \cdot 16673$ |
| $2^{12} \cdot 16097 \cdot 16673$ | $2^{12} \cdot 16141 \cdot 16603$ | $2^{12} \cdot 16141 \cdot 16607$ | $2^{12} \cdot 16183 \cdot 16561$ |
| $2^{12} \cdot 16183 \cdot 16567$ | $2^{12} \cdot 16183 \cdot 16573$ | $2^{12} \cdot 16187 \cdot 16561$ | $2^{12} \cdot 16187 \cdot 16567$ |
| $2^{12} \cdot 16187 \cdot 16573$ | $2^{12} \cdot 16189 \cdot 16561$ | $2^{12} \cdot 16189 \cdot 16567$ | $2^{12} \cdot 16189 \cdot 16573$ |

Table 12. All primitive weird numbers of form $2^{12} pq$. (Part 5)

| | | | |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| $2^{12} \cdot 16193 \cdot 16567$ | $2^{12} \cdot 16193 \cdot 16573$ | $2^{12} \cdot 16223 \cdot 16519$ | $2^{12} \cdot 16229 \cdot 16519$ |
| $2^{12} \cdot 16229 \cdot 16529$ | $2^{12} \cdot 16231 \cdot 16519$ | $2^{12} \cdot 16231 \cdot 16529$ | $2^{12} \cdot 16273 \cdot 16411$ |
| $2^{12} \cdot 16273 \cdot 16417$ | $2^{12} \cdot 16273 \cdot 16421$ | $2^{12} \cdot 16301 \cdot 16411$ | $2^{12} \cdot 16301 \cdot 16417$ |
| $2^{12} \cdot 16301 \cdot 16421$ | $2^{12} \cdot 16301 \cdot 16427$ | $2^{12} \cdot 16301 \cdot 16433$ | $2^{12} \cdot 16301 \cdot 16447$ |
| $2^{12} \cdot 16301 \cdot 16451$ | $2^{12} \cdot 16301 \cdot 16453$ | $2^{12} \cdot 16319 \cdot 16411$ | $2^{12} \cdot 16319 \cdot 16417$ |
| $2^{12} \cdot 16319 \cdot 16421$ | $2^{12} \cdot 16319 \cdot 16427$ | $2^{12} \cdot 16319 \cdot 16433$ | $2^{12} \cdot 16333 \cdot 16411$ |
| $2^{12} \cdot 16333 \cdot 16417$ | $2^{12} \cdot 16333 \cdot 16421$ | $2^{12} \cdot 16333 \cdot 16427$ | $2^{12} \cdot 16339 \cdot 16411$ |
| $2^{12} \cdot 16339 \cdot 16417$ | $2^{12} \cdot 16339 \cdot 16421$ | $2^{12} \cdot 16349 \cdot 16411$ | |

Table 13. All primitive weird numbers of form $2^{13} pq$. (Part 1)

| | | | |
|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| $2^{13} \cdot 16411 \cdot 9272801$ | $2^{13} \cdot 16411 \cdot 9273973$ | $2^{13} \cdot 16411 \cdot 9275731$ | $2^{13} \cdot 16411 \cdot 9305623$ |
| $2^{13} \cdot 16411 \cdot 9316759$ | $2^{13} \cdot 16411 \cdot 9319103$ | $2^{13} \cdot 16411 \cdot 9328481$ | $2^{13} \cdot 16411 \cdot 9330239$ |
| $2^{13} \cdot 16411 \cdot 9350753$ | $2^{13} \cdot 16411 \cdot 9363061$ | $2^{13} \cdot 16411 \cdot 9363647$ | $2^{13} \cdot 16411 \cdot 9372439$ |
| $2^{13} \cdot 16411 \cdot 9381817$ | $2^{13} \cdot 16411 \cdot 9385919$ | $2^{13} \cdot 16411 \cdot 9392953$ | $2^{13} \cdot 16411 \cdot 9416983$ |
| $2^{13} \cdot 16411 \cdot 9418741$ | $2^{13} \cdot 16411 \cdot 9419327$ | $2^{13} \cdot 16411 \cdot 9428119$ | $2^{13} \cdot 16411 \cdot 9438083$ |
| $2^{13} \cdot 16411 \cdot 9441599$ | $2^{13} \cdot 16411 \cdot 9450977$ | $2^{13} \cdot 16411 \cdot 9471491$ | $2^{13} \cdot 16411 \cdot 9480283$ |
| $2^{13} \cdot 16411 \cdot 9503141$ | $2^{13} \cdot 16411 \cdot 9504899$ | $2^{13} \cdot 16411 \cdot 9506657$ | $2^{13} \cdot 16411 \cdot 9525413$ |
| $2^{13} \cdot 16411 \cdot 9527171$ | $2^{13} \cdot 16411 \cdot 9547099$ | $2^{13} \cdot 16411 \cdot 9558821$ | $2^{13} \cdot 16411 \cdot 9559993$ |

| | | | |
|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| $2^{13} \cdot 16411 \cdot 9569957$ | $2^{13} \cdot 16411 \cdot 9571129$ | $2^{13} \cdot 16411 \cdot 9578749$ | $2^{13} \cdot 16411 \cdot 9593401$ |
| $2^{13} \cdot 16411 \cdot 9601607$ | $2^{13} \cdot 16417 \cdot 7686053$ | $2^{13} \cdot 16417 \cdot 7687501$ | $2^{13} \cdot 16417 \cdot 7695227$ |
| $2^{13} \cdot 16417 \cdot 7696193$ | $2^{13} \cdot 16417 \cdot 7705367$ | $2^{13} \cdot 16417 \cdot 7714541$ | $2^{13} \cdot 16417 \cdot 7722749$ |
| $2^{13} \cdot 16417 \cdot 7726129$ | $2^{13} \cdot 16417 \cdot 7734821$ | $2^{13} \cdot 16417 \cdot 7736269$ | $2^{13} \cdot 16417 \cdot 7738201$ |
| $2^{13} \cdot 16417 \cdot 7748341$ | $2^{13} \cdot 16417 \cdot 7773449$ | $2^{13} \cdot 16417 \cdot 7793729$ | $2^{13} \cdot 16417 \cdot 7797109$ |
| $2^{13} \cdot 16417 \cdot 7816423$ | $2^{13} \cdot 16417 \cdot 7823183$ | $2^{13} \cdot 16417 \cdot 7827529$ | $2^{13} \cdot 16417 \cdot 7831391$ |
| $2^{13} \cdot 16417 \cdot 7833323$ | $2^{13} \cdot 16417 \cdot 7841531$ | $2^{13} \cdot 16417 \cdot 7843463$ | $2^{13} \cdot 16417 \cdot 7861811$ |
| $2^{13} \cdot 16417 \cdot 7875331$ | $2^{13} \cdot 16417 \cdot 7890299$ | $2^{13} \cdot 16417 \cdot 7895611$ | $2^{13} \cdot 16417 \cdot 7910579$ |
| $2^{13} \cdot 16421 \cdot 6902437$ | $2^{13} \cdot 16421 \cdot 6903301$ | $2^{13} \cdot 16421 \cdot 6920587$ | $2^{13} \cdot 16421 \cdot 6921451$ |
| $2^{13} \cdot 16421 \cdot 6921883$ | $2^{13} \cdot 16421 \cdot 6939601$ | $2^{13} \cdot 16421 \cdot 6940033$ | $2^{13} \cdot 16421 \cdot 6952997$ |
| $2^{13} \cdot 16421 \cdot 6954293$ | $2^{13} \cdot 16421 \cdot 6955589$ | $2^{13} \cdot 16421 \cdot 6962071$ | $2^{13} \cdot 16421 \cdot 6973739$ |
| $2^{13} \cdot 16421 \cdot 6974171$ | $2^{13} \cdot 16421 \cdot 6975467$ | $2^{13} \cdot 16421 \cdot 6979789$ | $2^{13} \cdot 16421 \cdot 6980221$ |
| $2^{13} \cdot 16421 \cdot 6992753$ | $2^{13} \cdot 16421 \cdot 6994049$ | $2^{13} \cdot 16421 \cdot 6994913$ | $2^{13} \cdot 16421 \cdot 7012199$ |
| $2^{13} \cdot 16421 \cdot 7013063$ | $2^{13} \cdot 16421 \cdot 7013927$ | $2^{13} \cdot 16421 \cdot 7034669$ | $2^{13} \cdot 16421 \cdot 7038127$ |
| $2^{13} \cdot 16421 \cdot 7040287$ | $2^{13} \cdot 16421 \cdot 7051523$ | $2^{13} \cdot 16421 \cdot 7059733$ | $2^{13} \cdot 16421 \cdot 7077883$ |
| $2^{13} \cdot 16427 \cdot 5980921$ | $2^{13} \cdot 16427 \cdot 5985401$ | $2^{13} \cdot 16427 \cdot 5994361$ | $2^{13} \cdot 16427 \cdot 5995481$ |
| $2^{13} \cdot 16427 \cdot 5997721$ | $2^{13} \cdot 16427 \cdot 6002201$ | $2^{13} \cdot 16427 \cdot 6030949$ | $2^{13} \cdot 16427 \cdot 6032069$ |
| $2^{13} \cdot 16427 \cdot 6035429$ | $2^{13} \cdot 16427 \cdot 6042149$ | $2^{13} \cdot 16427 \cdot 6045509$ | $2^{13} \cdot 16427 \cdot 6061189$ |
| $2^{13} \cdot 16427 \cdot 6069029$ | $2^{13} \cdot 16427 \cdot 6069403$ | $2^{13} \cdot 16427 \cdot 6072389$ | $2^{13} \cdot 16427 \cdot 6079483$ |
| $2^{13} \cdot 16427 \cdot 6083963$ | $2^{13} \cdot 16427 \cdot 6094043$ | $2^{13} \cdot 16427 \cdot 6106363$ | $2^{13} \cdot 16427 \cdot 6109723$ |
| $2^{13} \cdot 16433 \cdot 5294383$ | $2^{13} \cdot 16433 \cdot 5299313$ | $2^{13} \cdot 16433 \cdot 5300299$ | $2^{13} \cdot 16433 \cdot 5305229$ |

Table 14. All primitive weird numbers of form $2^{13} pq$. (Part 2)

| | | | |
|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| $2^{13} \cdot 16433 \cdot 5314103$ | $2^{13} \cdot 16433 \cdot 5317061$ | $2^{13} \cdot 16433 \cdot 5326921$ | $2^{13} \cdot 16433 \cdot 5330207$ |
| $2^{13} \cdot 16433 \cdot 5340067$ | $2^{13} \cdot 16433 \cdot 5342039$ | $2^{13} \cdot 16433 \cdot 5345983$ | $2^{13} \cdot 16433 \cdot 5362087$ |
| $2^{13} \cdot 16433 \cdot 5363731$ | $2^{13} \cdot 16433 \cdot 5367017$ | $2^{13} \cdot 16433 \cdot 5368003$ | $2^{13} \cdot 16433 \cdot 5368661$ |
| $2^{13} \cdot 16433 \cdot 5370961$ | $2^{13} \cdot 16433 \cdot 5372933$ | $2^{13} \cdot 16433 \cdot 5375891$ | $2^{13} \cdot 16447 \cdot 4150297$ |
| $2^{13} \cdot 16447 \cdot 4152353$ | $2^{13} \cdot 16447 \cdot 4154923$ | $2^{13} \cdot 16447 \cdot 4158521$ | $2^{13} \cdot 16447 \cdot 4160063$ |
| $2^{13} \cdot 16447 \cdot 4162889$ | $2^{13} \cdot 16447 \cdot 4169057$ | $2^{13} \cdot 16447 \cdot 4170599$ | $2^{13} \cdot 16447 \cdot 4172141$ |
| $2^{13} \cdot 16447 \cdot 4173683$ | $2^{13} \cdot 16447 \cdot 4174711$ | $2^{13} \cdot 16447 \cdot 4176253$ | $2^{13} \cdot 16447 \cdot 4178051$ |
| $2^{13} \cdot 16447 \cdot 4180621$ | $2^{13} \cdot 16447 \cdot 4182163$ | $2^{13} \cdot 16447 \cdot 4187303$ | $2^{13} \cdot 16447 \cdot 4197839$ |
| $2^{13} \cdot 16447 \cdot 4200923$ | $2^{13} \cdot 16447 \cdot 4204007$ | $2^{13} \cdot 16447 \cdot 4205549$ | $2^{13} \cdot 16447 \cdot 4206577$ |
| $2^{13} \cdot 16451 \cdot 3909289$ | $2^{13} \cdot 16451 \cdot 3923321$ | $2^{13} \cdot 16451 \cdot 3924047$ | $2^{13} \cdot 16451 \cdot 3924289$ |
| $2^{13} \cdot 16451 \cdot 3929369$ | $2^{13} \cdot 16451 \cdot 3930337$ | $2^{13} \cdot 16451 \cdot 3931547$ | $2^{13} \cdot 16451 \cdot 3935417$ |
| $2^{13} \cdot 16451 \cdot 3936869$ | $2^{13} \cdot 16451 \cdot 3937111$ | $2^{13} \cdot 16451 \cdot 3938321$ | $2^{13} \cdot 16451 \cdot 3950417$ |
| $2^{13} \cdot 16451 \cdot 3950659$ | $2^{13} \cdot 16451 \cdot 3955013$ | $2^{13} \cdot 16451 \cdot 3957433$ | $2^{13} \cdot 16451 \cdot 3962029$ |
| $2^{13} \cdot 16453 \cdot 3797117$ | $2^{13} \cdot 16453 \cdot 3801583$ | $2^{13} \cdot 16453 \cdot 3802523$ | $2^{13} \cdot 16453 \cdot 3802993$ |
| $2^{13} \cdot 16453 \cdot 3809339$ | $2^{13} \cdot 16453 \cdot 3809809$ | $2^{13} \cdot 16453 \cdot 3818741$ | $2^{13} \cdot 16453 \cdot 3822031$ |
| $2^{13} \cdot 16453 \cdot 3822737$ | $2^{13} \cdot 16453 \cdot 3823207$ | $2^{13} \cdot 16453 \cdot 3824147$ | $2^{13} \cdot 16453 \cdot 3824617$ |
| $2^{13} \cdot 16453 \cdot 3825557$ | $2^{13} \cdot 16453 \cdot 3826967$ | $2^{13} \cdot 16453 \cdot 3827437$ | $2^{13} \cdot 16453 \cdot 3830023$ |
| $2^{13} \cdot 16453 \cdot 3830963$ | $2^{13} \cdot 16453 \cdot 3834959$ | $2^{13} \cdot 16453 \cdot 3847651$ | $2^{13} \cdot 16453 \cdot 3848591$ |
| $2^{13} \cdot 16453 \cdot 3849061$ | $2^{13} \cdot 16453 \cdot 3850237$ | $2^{13} \cdot 16477 \cdot 2841931$ | $2^{13} \cdot 16477 \cdot 2844911$ |
| $2^{13} \cdot 16477 \cdot 2845963$ | $2^{13} \cdot 16477 \cdot 2850871$ | $2^{13} \cdot 16477 \cdot 2851397$ | $2^{13} \cdot 16477 \cdot 2852449$ |
| $2^{13} \cdot 16477 \cdot 2854903$ | $2^{13} \cdot 16477 \cdot 2855429$ | $2^{13} \cdot 16477 \cdot 2857181$ | $2^{13} \cdot 16477 \cdot 2857357$ |
| $2^{13} \cdot 16477 \cdot 2860337$ | $2^{13} \cdot 16477 \cdot 2860687$ | $2^{13} \cdot 16477 \cdot 2861213$ | $2^{13} \cdot 16477 \cdot 2866121$ |
| $2^{13} \cdot 16477 \cdot 2867699$ | $2^{13} \cdot 16481 \cdot 2727941$ | $2^{13} \cdot 16481 \cdot 2729119$ | $2^{13} \cdot 16481 \cdot 2729959$ |

| | | | |
|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| $2^{13} \cdot 16481 \cdot 2732987$ | $2^{13} \cdot 16481 \cdot 2733827$ | $2^{13} \cdot 16481 \cdot 2739713$ | $2^{13} \cdot 16481 \cdot 2741059$ |
| $2^{13} \cdot 16481 \cdot 2741227$ | $2^{13} \cdot 16481 \cdot 2744591$ | $2^{13} \cdot 16481 \cdot 2745263$ | $2^{13} \cdot 16481 \cdot 2746609$ |
| $2^{13} \cdot 16481 \cdot 2747449$ | $2^{13} \cdot 16481 \cdot 2750981$ | $2^{13} \cdot 16487 \cdot 2575301$ | $2^{13} \cdot 16487 \cdot 2577203$ |
| $2^{13} \cdot 16487 \cdot 2579581$ | $2^{13} \cdot 16487 \cdot 2580691$ | $2^{13} \cdot 16487 \cdot 2583703$ | $2^{13} \cdot 16487 \cdot 2585129$ |
| $2^{13} \cdot 16487 \cdot 2588141$ | $2^{13} \cdot 16487 \cdot 2590361$ | $2^{13} \cdot 16487 \cdot 2591153$ | $2^{13} \cdot 16487 \cdot 2591471$ |
| $2^{13} \cdot 16487 \cdot 2592263$ | $2^{13} \cdot 16493 \cdot 2441563$ | $2^{13} \cdot 16493 \cdot 2442463$ | $2^{13} \cdot 16493 \cdot 2443213$ |
| $2^{13} \cdot 16493 \cdot 2446061$ | $2^{13} \cdot 16493 \cdot 2446811$ | $2^{13} \cdot 16493 \cdot 2447111$ | $2^{13} \cdot 16493 \cdot 2455207$ |
| $2^{13} \cdot 16493 \cdot 2455507$ | $2^{13} \cdot 16493 \cdot 2455657$ | $2^{13} \cdot 16493 \cdot 2456107$ | $2^{13} \cdot 16493 \cdot 2456407$ |
| $2^{13} \cdot 16519 \cdot 1978393$ | $2^{13} \cdot 16519 \cdot 1979729$ | $2^{13} \cdot 16519 \cdot 1981429$ | $2^{13} \cdot 16519 \cdot 1982401$ |
| $2^{13} \cdot 16519 \cdot 1982887$ | $2^{13} \cdot 16519 \cdot 1983859$ | $2^{13} \cdot 16519 \cdot 1984709$ | $2^{13} \cdot 16519 \cdot 1988353$ |
| $2^{13} \cdot 16519 \cdot 1988839$ | $2^{13} \cdot 16519 \cdot 1989203$ | $2^{13} \cdot 16529 \cdot 1843549$ | $2^{13} \cdot 16529 \cdot 1843889$ |
| $2^{13} \cdot 16529 \cdot 1844681$ | $2^{13} \cdot 16529 \cdot 1846153$ | $2^{13} \cdot 16529 \cdot 1846379$ | $2^{13} \cdot 16529 \cdot 1848983$ |
| $2^{13} \cdot 16529 \cdot 1849663$ | $2^{13} \cdot 16529 \cdot 1851587$ | $2^{13} \cdot 16529 \cdot 1852153$ | $2^{13} \cdot 16529 \cdot 1852493$ |
| $2^{13} \cdot 16529 \cdot 1853399$ | $2^{13} \cdot 16547 \cdot 1643197$ | $2^{13} \cdot 16547 \cdot 1645417$ | $2^{13} \cdot 16547 \cdot 1646527$ |
| $2^{13} \cdot 16547 \cdot 1647031$ | $2^{13} \cdot 16547 \cdot 1649251$ | $2^{13} \cdot 16547 \cdot 1650563$ | $2^{13} \cdot 16547 \cdot 1651471$ |
| $2^{13} \cdot 16553 \cdot 1588211$ | $2^{13} \cdot 16553 \cdot 1588309$ | $2^{13} \cdot 16553 \cdot 1593859$ | $2^{13} \cdot 16561 \cdot 1516261$ |
| $2^{13} \cdot 16561 \cdot 1517099$ | $2^{13} \cdot 16561 \cdot 1517843$ | $2^{13} \cdot 16561 \cdot 1518773$ | $2^{13} \cdot 16561 \cdot 1521937$ |
| $2^{13} \cdot 16561 \cdot 1522681$ | $2^{13} \cdot 16561 \cdot 1523891$ | $2^{13} \cdot 16561 \cdot 1524077$ | $2^{13} \cdot 16567 \cdot 1474643$ |
| $2^{13} \cdot 16567 \cdot 1475003$ | $2^{13} \cdot 16573 \cdot 1421963$ | $2^{13} \cdot 16573 \cdot 1422661$ | $2^{13} \cdot 16573 \cdot 1423969$ |

Table 15. All primitive weird numbers of form $2^{13} pq$. (Part 3)

| | | | |
|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| $2^{13} \cdot 16573 \cdot 1424231$ | $2^{13} \cdot 16573 \cdot 1425539$ | $2^{13} \cdot 16573 \cdot 1426063$ | $2^{13} \cdot 16573 \cdot 1426237$ |
| $2^{13} \cdot 16573 \cdot 1426499$ | $2^{13} \cdot 16573 \cdot 1426673$ | $2^{13} \cdot 16573 \cdot 1428767$ | $2^{13} \cdot 16603 \cdot 1232999$ |
| $2^{13} \cdot 16603 \cdot 1233301$ | $2^{13} \cdot 16603 \cdot 1233527$ | $2^{13} \cdot 16603 \cdot 1235263$ | $2^{13} \cdot 16603 \cdot 1235791$ |
| $2^{13} \cdot 16603 \cdot 1236017$ | $2^{13} \cdot 16619 \cdot 1146781$ | $2^{13} \cdot 16619 \cdot 1149457$ | $2^{13} \cdot 16619 \cdot 1149527$ |
| $2^{13} \cdot 16619 \cdot 1151147$ | $2^{13} \cdot 16619 \cdot 1151569$ | $2^{13} \cdot 16631 \cdot 1094963$ | $2^{13} \cdot 16631 \cdot 1095433$ |
| $2^{13} \cdot 16631 \cdot 1097377$ | $2^{13} \cdot 16633 \cdot 1089461$ | $2^{13} \cdot 16633 \cdot 1089661$ | $2^{13} \cdot 16649 \cdot 1021973$ |
| $2^{13} \cdot 16649 \cdot 1022849$ | $2^{13} \cdot 16649 \cdot 1023037$ | $2^{13} \cdot 16651 \cdot 1014779$ | $2^{13} \cdot 16651 \cdot 1015897$ |
| $2^{13} \cdot 16651 \cdot 1016083$ | $2^{13} \cdot 16651 \cdot 1016891$ | $2^{13} \cdot 16651 \cdot 1017077$ | $2^{13} \cdot 16657 \cdot 993401$ |
| $2^{13} \cdot 16657 \cdot 993827$ | $2^{13} \cdot 16657 \cdot 993887$ | $2^{13} \cdot 16657 \cdot 995833$ | $2^{13} \cdot 16661 \cdot 978683$ |
| $2^{13} \cdot 16661 \cdot 978743$ | $2^{13} \cdot 16661 \cdot 978863$ | $2^{13} \cdot 16661 \cdot 979103$ | $2^{13} \cdot 16661 \cdot 979163$ |
| $2^{13} \cdot 16661 \cdot 979283$ | $2^{13} \cdot 16661 \cdot 979343$ | $2^{13} \cdot 16661 \cdot 979403$ | $2^{13} \cdot 16673 \cdot 938747$ |
| $2^{13} \cdot 16673 \cdot 939839$ | $2^{13} \cdot 16673 \cdot 940127$ | $2^{13} \cdot 16673 \cdot 940529$ | $2^{13} \cdot 16673 \cdot 940759$ |
| $2^{13} \cdot 16673 \cdot 940817$ | $2^{13} \cdot 16673 \cdot 941449$ | $2^{13} \cdot 16673 \cdot 941737$ | $2^{13} \cdot 16691 \cdot 885869$ |
| $2^{13} \cdot 16691 \cdot 885923$ | $2^{13} \cdot 16691 \cdot 885977$ | $2^{13} \cdot 16691 \cdot 886031$ | $2^{13} \cdot 16691 \cdot 886519$ |
| $2^{13} \cdot 16691 \cdot 887657$ | $2^{13} \cdot 16693 \cdot 879667$ | $2^{13} \cdot 16693 \cdot 879721$ | $2^{13} \cdot 16693 \cdot 880151$ |
| $2^{13} \cdot 16693 \cdot 880259$ | $2^{13} \cdot 16693 \cdot 880367$ | $2^{13} \cdot 16693 \cdot 880421$ | $2^{13} \cdot 16699 \cdot 863539$ |
| $2^{13} \cdot 16699 \cdot 863803$ | $2^{13} \cdot 16699 \cdot 863909$ | $2^{13} \cdot 16699 \cdot 865177$ | $2^{13} \cdot 16703 \cdot 851957$ |
| $2^{13} \cdot 16703 \cdot 852583$ | $2^{13} \cdot 16703 \cdot 854149$ | $2^{13} \cdot 16703 \cdot 855089$ | $2^{13} \cdot 16729 \cdot 786311$ |
| $2^{13} \cdot 16729 \cdot 790421$ | $2^{13} \cdot 16729 \cdot 791291$ | $2^{13} \cdot 16729 \cdot 791629$ | $2^{13} \cdot 16741 \cdot 764053$ |
| $2^{13} \cdot 16741 \cdot 764521$ | $2^{13} \cdot 16741 \cdot 765409$ | $2^{13} \cdot 16741 \cdot 765503$ | $2^{13} \cdot 16741 \cdot 766111$ |
| $2^{13} \cdot 16747 \cdot 753707$ | $2^{13} \cdot 16759 \cdot 728437$ | $2^{13} \cdot 16759 \cdot 728659$ | $2^{13} \cdot 16759 \cdot 728927$ |
| $2^{13} \cdot 16759 \cdot 728971$ | $2^{13} \cdot 16759 \cdot 729373$ | $2^{13} \cdot 16759 \cdot 729551$ | $2^{13} \cdot 16759 \cdot 729907$ |
| $2^{13} \cdot 16763 \cdot 721117$ | $2^{13} \cdot 16787 \cdot 679333$ | $2^{13} \cdot 16787 \cdot 680039$ | $2^{13} \cdot 16787 \cdot 680081$ |
| $2^{13} \cdot 16811 \cdot 638857$ | $2^{13} \cdot 16811 \cdot 643099$ | $2^{13} \cdot 16811 \cdot 643217$ | $2^{13} \cdot 16823 \cdot 622603$ |
| $2^{13} \cdot 16823 \cdot 625777$ | $2^{13} \cdot 16823 \cdot 626159$ | $2^{13} \cdot 16823 \cdot 626389$ | $2^{13} \cdot 16829 \cdot 617579$ |

| | | | |
|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| $2^{13} \cdot 16829 \cdot 617767$ | $2^{13} \cdot 16829 \cdot 617843$ | $2^{13} \cdot 16829 \cdot 618031$ | $2^{13} \cdot 16831 \cdot 614293$ |
| $2^{13} \cdot 16831 \cdot 615233$ | $2^{13} \cdot 16843 \cdot 598841$ | $2^{13} \cdot 16843 \cdot 599281$ | $2^{13} \cdot 16843 \cdot 599537$ |
| $2^{13} \cdot 16871 \cdot 565489$ | $2^{13} \cdot 16871 \cdot 565973$ | $2^{13} \cdot 16871 \cdot 566077$ | $2^{13} \cdot 16879 \cdot 557041$ |
| $2^{13} \cdot 16879 \cdot 557449$ | $2^{13} \cdot 16879 \cdot 557483$ | $2^{13} \cdot 16883 \cdot 552749$ | $2^{13} \cdot 16889 \cdot 546289$ |
| $2^{13} \cdot 16901 \cdot 533719$ | $2^{13} \cdot 16901 \cdot 534241$ | $2^{13} \cdot 16901 \cdot 534371$ | $2^{13} \cdot 16903 \cdot 531631$ |
| $2^{13} \cdot 16903 \cdot 531989$ | $2^{13} \cdot 16903 \cdot 532249$ | $2^{13} \cdot 16903 \cdot 532379$ | $2^{13} \cdot 16921 \cdot 514643$ |
| $2^{13} \cdot 16921 \cdot 514769$ | $2^{13} \cdot 16927 \cdot 508867$ | $2^{13} \cdot 16927 \cdot 508961$ | $2^{13} \cdot 16927 \cdot 509023$ |
| $2^{13} \cdot 16927 \cdot 509147$ | $2^{13} \cdot 16927 \cdot 509521$ | $2^{13} \cdot 16931 \cdot 505643$ | $2^{13} \cdot 16937 \cdot 500069$ |
| $2^{13} \cdot 16943 \cdot 491377$ | $2^{13} \cdot 16943 \cdot 494917$ | $2^{13} \cdot 16943 \cdot 495401$ | $2^{13} \cdot 16943 \cdot 495461$ |
| $2^{13} \cdot 16943 \cdot 495491$ | $2^{13} \cdot 16943 \cdot 495613$ | $2^{13} \cdot 16963 \cdot 478853$ | $2^{13} \cdot 16963 \cdot 479029$ |
| $2^{13} \cdot 16979 \cdot 466153$ | $2^{13} \cdot 16979 \cdot 466181$ | $2^{13} \cdot 16979 \cdot 466267$ | $2^{13} \cdot 16979 \cdot 466409$ |
| $2^{13} \cdot 16979 \cdot 466637$ | $2^{13} \cdot 16979 \cdot 466723$ | $2^{13} \cdot 16981 \cdot 458543$ | $2^{13} \cdot 16981 \cdot 464819$ |
| $2^{13} \cdot 16987 \cdot 458789$ | $2^{13} \cdot 16987 \cdot 460111$ | $2^{13} \cdot 16987 \cdot 460477$ | $2^{13} \cdot 16987 \cdot 460561$ |
| $2^{13} \cdot 16987 \cdot 460589$ | $2^{13} \cdot 16987 \cdot 460673$ | $2^{13} \cdot 16993 \cdot 455941$ | $2^{13} \cdot 16993 \cdot 455969$ |
| $2^{13} \cdot 17011 \cdot 442069$ | $2^{13} \cdot 17011 \cdot 442177$ | $2^{13} \cdot 17011 \cdot 442367$ | $2^{13} \cdot 17011 \cdot 443369$ |
| $2^{13} \cdot 17011 \cdot 443423$ | $2^{13} \cdot 17021 \cdot 436463$ | $2^{13} \cdot 17027 \cdot 433051$ | $2^{13} \cdot 17029 \cdot 431287$ |
| $2^{13} \cdot 17029 \cdot 431339$ | $2^{13} \cdot 17029 \cdot 431603$ | $2^{13} \cdot 17029 \cdot 431867$ | $2^{13} \cdot 17033 \cdot 425851$ |

Table 16. All primitive weird numbers of form $2^{13} pq$. (Part 4)

| | | | |
|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| $2^{13} \cdot 17033 \cdot 425903$ | $2^{13} \cdot 17033 \cdot 428759$ | $2^{13} \cdot 17041 \cdot 423823$ | $2^{13} \cdot 17047 \cdot 420193$ |
| $2^{13} \cdot 17077 \cdot 402613$ | $2^{13} \cdot 17077 \cdot 402761$ | $2^{13} \cdot 17077 \cdot 402859$ | $2^{13} \cdot 17093 \cdot 393187$ |
| $2^{13} \cdot 17093 \cdot 393331$ | $2^{13} \cdot 17093 \cdot 393403$ | $2^{13} \cdot 17093 \cdot 393451$ | $2^{13} \cdot 17099 \cdot 391103$ |
| $2^{13} \cdot 17099 \cdot 391151$ | $2^{13} \cdot 17099 \cdot 391199$ | $2^{13} \cdot 17099 \cdot 391247$ | $2^{13} \cdot 17107 \cdot 386963$ |
| $2^{13} \cdot 17117 \cdot 381937$ | $2^{13} \cdot 17123 \cdot 376729$ | $2^{13} \cdot 17137 \cdot 372013$ | $2^{13} \cdot 17137 \cdot 372059$ |
| $2^{13} \cdot 17137 \cdot 372241$ | $2^{13} \cdot 17137 \cdot 372263$ | $2^{13} \cdot 17159 \cdot 362107$ | $2^{13} \cdot 17167 \cdot 358601$ |
| $2^{13} \cdot 17167 \cdot 358667$ | $2^{13} \cdot 17167 \cdot 358711$ | $2^{13} \cdot 17167 \cdot 358733$ | $2^{13} \cdot 17189 \cdot 349303$ |
| $2^{13} \cdot 17191 \cdot 348181$ | $2^{13} \cdot 17191 \cdot 348287$ | $2^{13} \cdot 17203 \cdot 343661$ | $2^{13} \cdot 17207 \cdot 341863$ |
| $2^{13} \cdot 17207 \cdot 341947$ | $2^{13} \cdot 17209 \cdot 341179$ | $2^{13} \cdot 17231 \cdot 332611$ | $2^{13} \cdot 17239 \cdot 327661$ |
| $2^{13} \cdot 17257 \cdot 323341$ | $2^{13} \cdot 17257 \cdot 323381$ | $2^{13} \cdot 17291 \cdot 311009$ | $2^{13} \cdot 17291 \cdot 311123$ |
| $2^{13} \cdot 17291 \cdot 311371$ | $2^{13} \cdot 17291 \cdot 311447$ | $2^{13} \cdot 17291 \cdot 311561$ | $2^{13} \cdot 17293 \cdot 311197$ |
| $2^{13} \cdot 17293 \cdot 311293$ | $2^{13} \cdot 17317 \cdot 303473$ | $2^{13} \cdot 17317 \cdot 303529$ | $2^{13} \cdot 17333 \cdot 298693$ |
| $2^{13} \cdot 17341 \cdot 294869$ | $2^{13} \cdot 17341 \cdot 294887$ | $2^{13} \cdot 17341 \cdot 294923$ | $2^{13} \cdot 17341 \cdot 296299$ |
| $2^{13} \cdot 17341 \cdot 296353$ | $2^{13} \cdot 17359 \cdot 291367$ | $2^{13} \cdot 17383 \cdot 284681$ | $2^{13} \cdot 17389 \cdot 282977$ |
| $2^{13} \cdot 17389 \cdot 283133$ | $2^{13} \cdot 17393 \cdot 281887$ | $2^{13} \cdot 17393 \cdot 281921$ | $2^{13} \cdot 17393 \cdot 282059$ |
| $2^{13} \cdot 17401 \cdot 278501$ | $2^{13} \cdot 17401 \cdot 279817$ | $2^{13} \cdot 17417 \cdot 275741$ | $2^{13} \cdot 17431 \cdot 272359$ |
| $2^{13} \cdot 17443 \cdot 269461$ | $2^{13} \cdot 17443 \cdot 269527$ | $2^{13} \cdot 17443 \cdot 269543$ | $2^{13} \cdot 17449 \cdot 268069$ |
| $2^{13} \cdot 17467 \cdot 262069$ | $2^{13} \cdot 17467 \cdot 262133$ | $2^{13} \cdot 17467 \cdot 263761$ | $2^{13} \cdot 17471 \cdot 262193$ |
| $2^{13} \cdot 17471 \cdot 262321$ | $2^{13} \cdot 17471 \cdot 262337$ | $2^{13} \cdot 17471 \cdot 262819$ | $2^{13} \cdot 17471 \cdot 262883$ |
| $2^{13} \cdot 17477 \cdot 261563$ | $2^{13} \cdot 17477 \cdot 261643$ | $2^{13} \cdot 17477 \cdot 261707$ | $2^{13} \cdot 17489 \cdot 258871$ |
| $2^{13} \cdot 17489 \cdot 258887$ | $2^{13} \cdot 17489 \cdot 258919$ | $2^{13} \cdot 17491 \cdot 258607$ | $2^{13} \cdot 17491 \cdot 258623$ |
| $2^{13} \cdot 17497 \cdot 257161$ | $2^{13} \cdot 17497 \cdot 257177$ | $2^{13} \cdot 17497 \cdot 257287$ | $2^{13} \cdot 17539 \cdot 245621$ |
| $2^{13} \cdot 17551 \cdot 245593$ | $2^{13} \cdot 17551 \cdot 245653$ | $2^{13} \cdot 17551 \cdot 245759$ | $2^{13} \cdot 17551 \cdot 245789$ |
| $2^{13} \cdot 17551 \cdot 245849$ | $2^{13} \cdot 17551 \cdot 245909$ | $2^{13} \cdot 17551 \cdot 246119$ | $2^{13} \cdot 17569 \cdot 242603$ |
| $2^{13} \cdot 17569 \cdot 242647$ | $2^{13} \cdot 17569 \cdot 242677$ | $2^{13} \cdot 17573 \cdot 241783$ | $2^{13} \cdot 17573 \cdot 241931$ |
| $2^{13} \cdot 17579 \cdot 240623$ | $2^{13} \cdot 17581 \cdot 240263$ | $2^{13} \cdot 17597 \cdot 237313$ | $2^{13} \cdot 17599 \cdot 236993$ |
| $2^{13} \cdot 17623 \cdot 232751$ | $2^{13} \cdot 17627 \cdot 232013$ | $2^{13} \cdot 17657 \cdot 226907$ | $2^{13} \cdot 17681 \cdot 223151$ |

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|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| $2^{13} \cdot 17713 \cdot 218069$ | $2^{13} \cdot 17713 \cdot 218149$ | $2^{13} \cdot 17729 \cdot 215737$ | $2^{13} \cdot 17737 \cdot 212909$ |
| $2^{13} \cdot 17737 \cdot 214481$ | $2^{13} \cdot 17737 \cdot 214507$ | $2^{13} \cdot 17747 \cdot 213029$ | $2^{13} \cdot 17747 \cdot 213133$ |
| $2^{13} \cdot 17749 \cdot 212507$ | $2^{13} \cdot 17783 \cdot 207997$ | $2^{13} \cdot 17783 \cdot 208073$ | $2^{13} \cdot 17783 \cdot 208099$ |
| $2^{13} \cdot 17807 \cdot 204793$ | $2^{13} \cdot 17827 \cdot 202183$ | $2^{13} \cdot 17839 \cdot 200639$ | $2^{13} \cdot 17839 \cdot 200713$ |
| $2^{13} \cdot 17851 \cdot 199109$ | $2^{13} \cdot 17863 \cdot 196613$ | $2^{13} \cdot 17863 \cdot 196661$ | $2^{13} \cdot 17863 \cdot 197651$ |
| $2^{13} \cdot 17863 \cdot 197699$ | $2^{13} \cdot 17881 \cdot 195497$ | $2^{13} \cdot 17891 \cdot 194309$ | $2^{13} \cdot 17909 \cdot 192187$ |
| $2^{13} \cdot 17923 \cdot 190577$ | $2^{13} \cdot 17929 \cdot 189901$ | $2^{13} \cdot 17929 \cdot 189947$ | $2^{13} \cdot 17939 \cdot 188843$ |
| $2^{13} \cdot 17957 \cdot 186871$ | $2^{13} \cdot 17959 \cdot 186689$ | $2^{13} \cdot 17971 \cdot 185323$ | $2^{13} \cdot 17977 \cdot 184687$ |
| $2^{13} \cdot 17977 \cdot 184721$ | $2^{13} \cdot 17981 \cdot 184333$ | $2^{13} \cdot 17987 \cdot 183637$ | $2^{13} \cdot 17989 \cdot 183451$ |
| $2^{13} \cdot 18013 \cdot 180317$ | $2^{13} \cdot 18013 \cdot 181003$ | $2^{13} \cdot 18049 \cdot 177467$ | $2^{13} \cdot 18061 \cdot 176261$ |
| $2^{13} \cdot 18089 \cdot 173669$ | $2^{13} \cdot 18119 \cdot 170971$ | $2^{13} \cdot 18121 \cdot 170741$ | $2^{13} \cdot 18121 \cdot 170773$ |
| $2^{13} \cdot 18127 \cdot 170231$ | $2^{13} \cdot 18131 \cdot 169889$ | $2^{13} \cdot 18133 \cdot 169693$ | $2^{13} \cdot 18143 \cdot 168863$ |
| $2^{13} \cdot 18169 \cdot 166603$ | $2^{13} \cdot 18169 \cdot 166613$ | $2^{13} \cdot 18191 \cdot 163789$ | $2^{13} \cdot 18191 \cdot 163819$ |
| $2^{13} \cdot 18191 \cdot 163859$ | $2^{13} \cdot 18199 \cdot 163841$ | $2^{13} \cdot 18199 \cdot 163861$ | $2^{13} \cdot 18199 \cdot 163871$ |
| $2^{13} \cdot 18199 \cdot 163901$ | $2^{13} \cdot 18199 \cdot 163981$ | $2^{13} \cdot 18199 \cdot 163991$ | $2^{13} \cdot 18199 \cdot 164011$ |

Table 17. All primitive weird numbers of form $2^{13} pq$. (Part 5)

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|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| $2^{13} \cdot 18199 \cdot 164051$ | $2^{13} \cdot 18199 \cdot 164071$ | $2^{13} \cdot 18211 \cdot 163151$ | $2^{13} \cdot 18211 \cdot 163171$ |
| $2^{13} \cdot 18211 \cdot 163181$ | $2^{13} \cdot 18211 \cdot 163211$ | $2^{13} \cdot 18217 \cdot 162671$ | $2^{13} \cdot 18217 \cdot 162691$ |
| $2^{13} \cdot 18217 \cdot 162731$ | $2^{13} \cdot 18229 \cdot 161779$ | $2^{13} \cdot 18257 \cdot 159539$ | $2^{13} \cdot 18269 \cdot 158647$ |
| $2^{13} \cdot 18269 \cdot 158657$ | $2^{13} \cdot 18287 \cdot 157321$ | $2^{13} \cdot 18311 \cdot 155539$ | $2^{13} \cdot 18313 \cdot 155413$ |
| $2^{13} \cdot 18313 \cdot 155423$ | $2^{13} \cdot 18371 \cdot 151357$ | $2^{13} \cdot 18401 \cdot 149323$ | $2^{13} \cdot 18401 \cdot 149341$ |
| $2^{13} \cdot 18413 \cdot 148537$ | $2^{13} \cdot 18413 \cdot 148573$ | $2^{13} \cdot 18427 \cdot 147551$ | $2^{13} \cdot 18433 \cdot 147221$ |
| $2^{13} \cdot 18433 \cdot 147293$ | $2^{13} \cdot 18433 \cdot 147311$ | $2^{13} \cdot 18439 \cdot 146857$ | $2^{13} \cdot 18439 \cdot 146893$ |
| $2^{13} \cdot 18443 \cdot 146639$ | $2^{13} \cdot 18461 \cdot 145511$ | $2^{13} \cdot 18481 \cdot 144271$ | $2^{13} \cdot 18481 \cdot 144289$ |
| $2^{13} \cdot 18503 \cdot 142979$ | $2^{13} \cdot 18517 \cdot 142157$ | $2^{13} \cdot 18523 \cdot 141761$ | $2^{13} \cdot 18539 \cdot 140831$ |
| $2^{13} \cdot 18539 \cdot 140839$ | $2^{13} \cdot 18541 \cdot 140741$ | $2^{13} \cdot 18553 \cdot 140053$ | $2^{13} \cdot 18617 \cdot 136519$ |
| $2^{13} \cdot 18637 \cdot 135461$ | $2^{13} \cdot 18671 \cdot 133691$ | $2^{13} \cdot 18679 \cdot 133283$ | $2^{13} \cdot 18691 \cdot 132667$ |
| $2^{13} \cdot 18701 \cdot 132157$ | $2^{13} \cdot 18701 \cdot 132173$ | $2^{13} \cdot 18713 \cdot 131023$ | $2^{13} \cdot 18713 \cdot 131063$ |
| $2^{13} \cdot 18713 \cdot 131071$ | $2^{13} \cdot 18713 \cdot 131111$ | $2^{13} \cdot 18713 \cdot 131143$ | $2^{13} \cdot 18713 \cdot 131231$ |
| $2^{13} \cdot 18713 \cdot 131561$ | $2^{13} \cdot 18719 \cdot 131113$ | $2^{13} \cdot 18719 \cdot 131129$ | $2^{13} \cdot 18719 \cdot 131249$ |
| $2^{13} \cdot 18743 \cdot 130057$ | $2^{13} \cdot 18743 \cdot 130073$ | $2^{13} \cdot 18749 \cdot 129769$ | $2^{13} \cdot 18757 \cdot 129379$ |
| $2^{13} \cdot 18773 \cdot 128669$ | $2^{13} \cdot 18773 \cdot 128677$ | $2^{13} \cdot 18797 \cdot 127529$ | $2^{13} \cdot 18803 \cdot 127277$ |
| $2^{13} \cdot 18839 \cdot 125659$ | $2^{13} \cdot 18859 \cdot 124769$ | $2^{13} \cdot 18859 \cdot 124777$ | $2^{13} \cdot 18899 \cdot 123031$ |
| $2^{13} \cdot 18913 \cdot 122471$ | $2^{13} \cdot 18917 \cdot 122273$ | $2^{13} \cdot 18959 \cdot 120539$ | $2^{13} \cdot 18959 \cdot 120569$ |
| $2^{13} \cdot 18979 \cdot 119737$ | $2^{13} \cdot 18979 \cdot 119759$ | $2^{13} \cdot 18979 \cdot 119773$ | $2^{13} \cdot 19001 \cdot 118897$ |
| $2^{13} \cdot 19031 \cdot 117721$ | $2^{13} \cdot 19051 \cdot 116969$ | $2^{13} \cdot 19079 \cdot 115903$ | $2^{13} \cdot 19079 \cdot 115931$ |
| $2^{13} \cdot 19087 \cdot 115601$ | $2^{13} \cdot 19087 \cdot 115637$ | $2^{13} \cdot 19157 \cdot 113111$ | $2^{13} \cdot 19181 \cdot 112289$ |
| $2^{13} \cdot 19183 \cdot 112213$ | $2^{13} \cdot 19183 \cdot 112241$ | $2^{13} \cdot 19211 \cdot 111271$ | $2^{13} \cdot 19213 \cdot 111211$ |
| $2^{13} \cdot 19273 \cdot 109229$ | $2^{13} \cdot 19333 \cdot 107347$ | $2^{13} \cdot 19373 \cdot 106123$ | $2^{13} \cdot 19403 \cdot 105251$ |
| $2^{13} \cdot 19429 \cdot 104473$ | $2^{13} \cdot 19433 \cdot 104383$ | $2^{13} \cdot 19441 \cdot 104147$ | $2^{13} \cdot 19447 \cdot 103969$ |
| $2^{13} \cdot 19447 \cdot 103981$ | $2^{13} \cdot 19469 \cdot 103357$ | $2^{13} \cdot 19489 \cdot 102797$ | $2^{13} \cdot 19507 \cdot 102293$ |
| $2^{13} \cdot 19507 \cdot 102299$ | $2^{13} \cdot 19553 \cdot 101027$ | $2^{13} \cdot 19577 \cdot 100391$ | $2^{13} \cdot 19597 \cdot 99881$ |
| $2^{13} \cdot 19603 \cdot 99713$ | $2^{13} \cdot 19603 \cdot 99719$ | $2^{13} \cdot 19661 \cdot 97987$ | $2^{13} \cdot 19661 \cdot 98011$ |
| $2^{13} \cdot 19661 \cdot 98017$ | $2^{13} \cdot 19661 \cdot 98041$ | $2^{13} \cdot 19661 \cdot 98047$ | $2^{13} \cdot 19661 \cdot 98101$ |
| $2^{13} \cdot 19661 \cdot 98143$ | $2^{13} \cdot 19661 \cdot 98179$ | $2^{13} \cdot 19661 \cdot 98221$ | $2^{13} \cdot 19661 \cdot 98227$ |

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|-----------------------|-----------------------|-----------------------|-----------------------|
| 2^{13} .19661-98251 | 2^{13} .19661-98257 | 2^{13} .19687-97547 | 2^{13} .19687-97553 |
| 2^{13} .19687-97571 | 2^{13} .19697-97367 | 2^{13} .19697-97373 | 2^{13} .19699-97283 |
| 2^{13} .19709-97081 | 2^{13} .19793-95087 | 2^{13} .19793-95093 | 2^{13} .19801-94903 |
| 2^{13} .19841-93983 | 2^{13} .19889-92921 | 2^{13} .19927-92111 | 2^{13} .19961-91397 |
| 2^{13} .19973-91141 | 2^{13} .20021-90149 | 2^{13} .20089-88801 | 2^{13} .20161-87421 |
| 2^{13} .20177-87121 | 2^{13} .20219-86341 | 2^{13} .20249-85793 | 2^{13} .20287-85133 |
| 2^{13} .20297-84947 | 2^{13} .20327-84431 | 2^{13} .20333-84317 | 2^{13} .20357-83891 |
| 2^{13} .20359-83857 | 2^{13} .20359-83873 | 2^{13} .20369-83719 | 2^{13} .20389-83357 |
| 2^{13} .20389-83383 | 2^{13} .20393-83311 | 2^{13} .20407-83047 | 2^{13} .20411-82981 |
| 2^{13} .20431-82657 | 2^{13} .20441-82499 | 2^{13} .20443-82421 | 2^{13} .20443-82471 |
| 2^{13} .20443-82487 | 2^{13} .20477-81943 | 2^{13} .20479-81671 | 2^{13} .20479-81701 |
| 2^{13} .20479-81761 | 2^{13} .20479-81901 | 2^{13} .20483-81637 | 2^{13} .20483-81647 |
| 2^{13} .20483-81667 | 2^{13} .20483-81677 | 2^{13} .20483-81707 | 2^{13} .20483-81727 |

Table 18. All primitive weird numbers of form $2^{13}pq$. (Part 6)

| | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 2^{13} .20483-81737 | 2^{13} .20483-81817 | 2^{13} .20483-81847 | 2^{13} .20507-81401 |
| 2^{13} .20507-81421 | 2^{13} .20509-81409 | 2^{13} .20533-80989 | 2^{13} .20533-81043 |
| 2^{13} .20543-80897 | 2^{13} .20549-80809 | 2^{13} .20551-80749 | 2^{13} .20551-80779 |
| 2^{13} .20593-80107 | 2^{13} .20693-78643 | 2^{13} .20717-78307 | 2^{13} .20719-78283 |
| 2^{13} .20743-77933 | 2^{13} .20749-77849 | 2^{13} .20753-77797 | 2^{13} .20759-77713 |
| 2^{13} .20773-77513 | 2^{13} .20789-77291 | 2^{13} .20807-77047 | 2^{13} .20857-76369 |
| 2^{13} .20879-76081 | 2^{13} .20897-75833 | 2^{13} .20959-75037 | 2^{13} .20981-74747 |
| 2^{13} .20983-74731 | 2^{13} .21013-74353 | 2^{13} .21023-74219 | 2^{13} .21059-73783 |
| 2^{13} .21089-73417 | 2^{13} .21139-72817 | 2^{13} .21187-72253 | 2^{13} .21211-71971 |
| 2^{13} .21221-71861 | 2^{13} .21377-70123 | 2^{13} .21467-69163 | 2^{13} .21481-69031 |
| 2^{13} .21493-68899 | 2^{13} .21493-68903 | 2^{13} .21523-68597 | 2^{13} .21577-68041 |
| 2^{13} .21589-67931 | 2^{13} .21589-67939 | 2^{13} .21599-67819 | 2^{13} .21649-67339 |
| 2^{13} .21649-67343 | 2^{13} .21661-67219 | 2^{13} .21701-66841 | 2^{13} .21701-66853 |
| 2^{13} .21713-66739 | 2^{13} .21727-66587 | 2^{13} .21739-66491 | 2^{13} .21751-66383 |
| 2^{13} .21773-66179 | 2^{13} .21787-65981 | 2^{13} .21787-65993 | 2^{13} .21799-65537 |
| 2^{13} .21799-65557 | 2^{13} .21799-65839 | 2^{13} .21799-65843 | 2^{13} .21799-65851 |
| 2^{13} .21799-65867 | 2^{13} .21803-65537 | 2^{13} .21803-65557 | 2^{13} .21803-65581 |
| 2^{13} .21803-65839 | 2^{13} .21803-65843 | 2^{13} .21803-65851 | 2^{13} .21803-65867 |
| 2^{13} .21803-65899 | 2^{13} .21817-65539 | 2^{13} .21817-65543 | 2^{13} .21817-65551 |
| 2^{13} .21817-65563 | 2^{13} .21817-65579 | 2^{13} .21817-65587 | 2^{13} .21817-65599 |
| 2^{13} .21817-65647 | 2^{13} .21817-65651 | 2^{13} .21817-65687 | 2^{13} .21817-65699 |
| 2^{13} .21817-65707 | 2^{13} .21817-65719 | 2^{13} .21821-65539 | 2^{13} .21821-65543 |
| 2^{13} .21821-65551 | 2^{13} .21821-65563 | 2^{13} .21821-65579 | 2^{13} .21821-65587 |
| 2^{13} .21821-65599 | 2^{13} .21821-65647 | 2^{13} .21821-65651 | 2^{13} .21821-65687 |
| 2^{13} .21821-65699 | 2^{13} .21821-65707 | 2^{13} .21821-65719 | 2^{13} .21821-65731 |
| 2^{13} .21839-65537 | 2^{13} .21839-65557 | 2^{13} .21841-65539 | 2^{13} .21841-65543 |
| 2^{13} .21841-65551 | 2^{13} .21851-65293 | 2^{13} .21851-65309 | 2^{13} .21851-65353 |
| 2^{13} .21851-65357 | 2^{13} .21851-65381 | 2^{13} .21851-65393 | 2^{13} .21851-65413 |
| 2^{13} .21851-65437 | 2^{13} .21851-65449 | 2^{13} .21859-65309 | 2^{13} .21859-65353 |
| 2^{13} .21859-65357 | 2^{13} .21859-65381 | 2^{13} .21859-65393 | 2^{13} .21863-65309 |
| 2^{13} .21863-65353 | 2^{13} .21863-65357 | 2^{13} .21881-65173 | 2^{13} .21893-65063 |

| | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 2^{13} .21893-65071 | 2^{13} .21929-64747 | 2^{13} .21937-64693 | 2^{13} .21937-64709 |
| 2^{13} .21943-64621 | 2^{13} .21943-64633 | 2^{13} .21961-64489 | 2^{13} .22013-64033 |
| 2^{13} .22013-64037 | 2^{13} .22051-63737 | 2^{13} .22063-63629 | 2^{13} .22067-63599 |
| 2^{13} .22091-63397 | 2^{13} .22093-63377 | 2^{13} .22111-63241 | 2^{13} .22159-62851 |
| 2^{13} .22259-62057 | 2^{13} .22271-61967 | 2^{13} .22283-61871 | 2^{13} .22291-61813 |
| 2^{13} .22303-61717 | 2^{13} .22343-61417 | 2^{13} .22391-61057 | 2^{13} .22409-60923 |
| 2^{13} .22481-60397 | 2^{13} .22483-60383 | 2^{13} .22543-59951 | 2^{13} .22573-59743 |
| 2^{13} .22669-59077 | 2^{13} .22717-58757 | 2^{13} .22721-58727 | 2^{13} .22727-58687 |
| 2^{13} .22817-58099 | 2^{13} .22877-57713 | 2^{13} .22963-57173 | 2^{13} .23003-56923 |
| 2^{13} .23021-56813 | 2^{13} .23057-56599 | 2^{13} .23117-56237 | 2^{13} .23143-56087 |
| 2^{13} .23189-55819 | 2^{13} .23357-54869 | 2^{13} .23369-54799 | 2^{13} .23459-54311 |

Table 19. All primitive weird numbers of form $2^{13}pq$. (Part 7)

| | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 2^{13} .23537-53897 | 2^{13} .23539-53887 | 2^{13} .23593-53609 | 2^{13} .23609-53527 |
| 2^{13} .23689-53113 | 2^{13} .23689-53117 | 2^{13} .23857-52291 | 2^{13} .23879-52189 |
| 2^{13} .23887-52147 | 2^{13} .23957-51817 | 2^{13} .24001-51599 | 2^{13} .24007-51581 |
| 2^{13} .24023-51511 | 2^{13} .24043-51419 | 2^{13} .24121-51059 | 2^{13} .24169-50839 |
| 2^{13} .24203-50683 | 2^{13} .24229-50591 | 2^{13} .24247-50513 | 2^{13} .24281-50363 |
| 2^{13} .24379-49937 | 2^{13} .24407-49811 | 2^{13} .24407-49823 | 2^{13} .24413-49783 |
| 2^{13} .24413-49789 | 2^{13} .24413-49801 | 2^{13} .24413-49807 | 2^{13} .24419-49783 |
| 2^{13} .24439-49663 | 2^{13} .24439-49669 | 2^{13} .24439-49681 | 2^{13} .24439-49697 |
| 2^{13} .24473-49523 | 2^{13} .24473-49529 | 2^{13} .24473-49547 | 2^{13} .24481-49451 |
| 2^{13} .24481-49463 | 2^{13} .24481-49481 | 2^{13} .24499-49157 | 2^{13} .24499-49411 |
| 2^{13} .24499-49417 | 2^{13} .24499-49429 | 2^{13} .24509-49171 | 2^{13} .24509-49177 |
| 2^{13} .24509-49201 | 2^{13} .24509-49331 | 2^{13} .24509-49367 | 2^{13} .24509-49391 |
| 2^{13} .24517-49157 | 2^{13} .24517-49169 | 2^{13} .24517-49193 | 2^{13} .24517-49199 |
| 2^{13} .24517-49211 | 2^{13} .24517-49223 | 2^{13} .24527-49171 | 2^{13} .24527-49177 |
| 2^{13} .24527-49201 | 2^{13} .24527-49207 | 2^{13} .24527-49261 | 2^{13} .24527-49279 |
| 2^{13} .24527-49297 | 2^{13} .24527-49331 | 2^{13} .24533-49171 | 2^{13} .24533-49177 |
| 2^{13} .24533-49201 | 2^{13} .24533-49207 | 2^{13} .24533-49261 | 2^{13} .24533-49279 |
| 2^{13} .24533-49297 | 2^{13} .24547-49157 | 2^{13} .24547-49169 | 2^{13} .24547-49193 |
| 2^{13} .24547-49199 | 2^{13} .24547-49211 | 2^{13} .24547-49223 | 2^{13} .24547-49253 |
| 2^{13} .24551-49171 | 2^{13} .24551-49177 | 2^{13} .24551-49201 | 2^{13} .24551-49207 |
| 2^{13} .24571-49157 | 2^{13} .24593-48973 | 2^{13} .24593-48991 | 2^{13} .24593-49003 |
| 2^{13} .24593-49009 | 2^{13} .24593-49033 | 2^{13} .24593-49057 | 2^{13} .24593-49069 |
| 2^{13} .24611-48973 | 2^{13} .24611-48991 | 2^{13} .24611-49003 | 2^{13} .24623-48947 |
| 2^{13} .24623-48953 | 2^{13} .24631-48823 | 2^{13} .24659-48787 | 2^{13} .24659-48799 |
| 2^{13} .24671-48761 | 2^{13} .24671-48767 | 2^{13} .24683-48673 | 2^{13} .24683-48679 |
| 2^{13} .24691-48677 | 2^{13} .24709-48619 | 2^{13} .24733-48497 | 2^{13} .24733-48527 |
| 2^{13} .24763-48397 | 2^{13} .24763-48409 | 2^{13} .24781-48337 | 2^{13} .24793-48271 |
| 2^{13} .24847-48079 | 2^{13} .24847-48091 | 2^{13} .24851-48073 | 2^{13} .24851-48079 |
| 2^{13} .24859-48049 | 2^{13} .24889-47917 | 2^{13} .24919-47809 | 2^{13} .24953-47701 |
| 2^{13} .24967-47639 | 2^{13} .25031-47419 | 2^{13} .25037-47389 | 2^{13} .25057-47309 |
| 2^{13} .25073-47269 | 2^{13} .25111-47129 | 2^{13} .25147-46997 | 2^{13} .25171-46919 |
| 2^{13} .25183-46877 | 2^{13} .25247-46663 | 2^{13} .25309-46447 | 2^{13} .25339-46349 |
| 2^{13} .25423-46073 | 2^{13} .25439-46021 | 2^{13} .25447-45989 | 2^{13} .25541-45691 |

| | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 2^{13} .25579-45569 | 2^{13} .25583-45557 | 2^{13} .25603-45491 | 2^{13} .25667-45293 |
| 2^{13} .25703-45181 | 2^{13} .25799-44887 | 2^{13} .25801-44879 | 2^{13} .25867-44683 |
| 2^{13} .25931-44491 | 2^{13} .25943-44453 | 2^{13} .26041-44171 | 2^{13} .26083-44053 |
| 2^{13} .26111-43973 | 2^{13} .26119-43951 | 2^{13} .26177-43787 | 2^{13} .26407-43159 |
| 2^{13} .26959-41761 | 2^{13} .27061-41519 | 2^{13} .27107-41411 | 2^{13} .27281-41011 |
| 2^{13} .27329-40903 | 2^{13} .27449-40637 | 2^{13} .27581-40351 | 2^{13} .27743-40009 |
| 2^{13} .27817-39857 | 2^{13} .27953-39581 | 2^{13} .27983-39521 | 2^{13} .28541-38459 |
| 2^{13} .28663-38239 | 2^{13} .28687-38197 | 2^{13} .28979-37691 | 2^{13} .29209-37309 |
| 2^{13} .29231-37273 | 2^{13} .29363-37061 | 2^{13} .29389-37019 | 2^{13} .29399-37003 |

Table 20. All primitive weird numbers of form $2^{13} pq$. (Part 8)

| | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 2^{13} .29437-36943 | 2^{13} .29473-36887 | 2^{13} .29483-36871 | 2^{13} .29537-36787 |
| 2^{13} .29599-36691 | 2^{13} .29629-36643 | 2^{13} .29633-36637 | 2^{13} .29683-36563 |
| 2^{13} .29741-36473 | 2^{13} .29753-36457 | 2^{13} .29803-36383 | 2^{13} .29989-36107 |
| 2^{13} .29989-36109 | 2^{13} .30089-35963 | 2^{13} .30091-35963 | 2^{13} .30119-35923 |
| 2^{13} .30137-35897 | 2^{13} .30161-35863 | 2^{13} .30223-35771 | 2^{13} .30253-35729 |
| 2^{13} .30391-35543 | 2^{13} .30403-35527 | 2^{13} .30469-35437 | 2^{13} .30491-35407 |
| 2^{13} .30509-35381 | 2^{13} .30697-35129 | 2^{13} .30757-35053 | 2^{13} .30839-34949 |
| 2^{13} .30859-34919 | 2^{13} .30941-34819 | 2^{13} .30949-34807 | 2^{13} .30971-34781 |
| 2^{13} .31013-34729 | 2^{13} .31019-34721 | 2^{13} .31051-34679 | 2^{13} .31091-34631 |
| 2^{13} .31159-34543 | 2^{13} .31183-34511 | 2^{13} .31193-34499 | 2^{13} .31193-34501 |
| 2^{13} .31223-34469 | 2^{13} .31231-34457 | 2^{13} .31259-34421 | 2^{13} .31277-34403 |
| 2^{13} .31307-34367 | 2^{13} .31333-34327 | 2^{13} .31357-34303 | 2^{13} .31387-34267 |
| 2^{13} .31397-34259 | 2^{13} .31567-34057 | 2^{13} .31643-33967 | 2^{13} .31667-33937 |
| 2^{13} .31667-33941 | 2^{13} .31721-33871 | 2^{13} .31723-33871 | 2^{13} .31741-33857 |
| 2^{13} .31769-33827 | 2^{13} .31799-33791 | 2^{13} .31817-33773 | 2^{13} .31847-33739 |
| 2^{13} .31859-33713 | 2^{13} .31957-33617 | 2^{13} .31973-33599 | 2^{13} .31991-33577 |
| 2^{13} .32027-33529 | 2^{13} .32027-33533 | 2^{13} .32029-33529 | 2^{13} .32029-33533 |
| 2^{13} .32069-33479 | 2^{13} .32069-33487 | 2^{13} .32069-33493 | 2^{13} .32089-33457 |
| 2^{13} .32089-33461 | 2^{13} .32099-33457 | 2^{13} .32099-33461 | 2^{13} .32141-33403 |
| 2^{13} .32141-33409 | 2^{13} .32141-33413 | 2^{13} .32143-33403 | 2^{13} .32143-33409 |
| 2^{13} .32143-33413 | 2^{13} .32173-33377 | 2^{13} .32189-33347 | 2^{13} .32189-33349 |
| 2^{13} .32189-33353 | 2^{13} .32189-33359 | 2^{13} .32191-33347 | 2^{13} .32191-33349 |
| 2^{13} .32191-33353 | 2^{13} .32191-33359 | 2^{13} .32203-33349 | 2^{13} .32213-33317 |
| 2^{13} .32251-33287 | 2^{13} .32251-33289 | 2^{13} .32257-33287 | 2^{13} .32257-33289 |
| 2^{13} .32261-33287 | 2^{13} .32309-33211 | 2^{13} .32309-33223 | 2^{13} .32321-33223 |
| 2^{13} .32353-33179 | 2^{13} .32353-33181 | 2^{13} .32359-33179 | 2^{13} .32359-33181 |
| 2^{13} .32363-33179 | 2^{13} .32423-33073 | 2^{13} .32423-33083 | 2^{13} .32429-33083 |
| 2^{13} .32429-33091 | 2^{13} .32441-33083 | 2^{13} .32441-33091 | 2^{13} .32443-33083 |
| 2^{13} .32443-33091 | 2^{13} .32479-33023 | 2^{13} .32479-33029 | 2^{13} .32479-33037 |
| 2^{13} .32491-33023 | 2^{13} .32491-33029 | 2^{13} .32491-33037 | 2^{13} .32497-33023 |
| 2^{13} .32497-33029 | 2^{13} .32497-33037 | 2^{13} .32503-33023 | 2^{13} .32503-33029 |
| 2^{13} .32507-33023 | 2^{13} .32507-33029 | 2^{13} .32531-32933 | 2^{13} .32531-32939 |
| 2^{13} .32531-32941 | 2^{13} .32533-32933 | 2^{13} .32533-32939 | 2^{13} .32533-32941 |
| 2^{13} .32537-32933 | 2^{13} .32537-32939 | 2^{13} .32537-32941 | 2^{13} .32537-32957 |
| 2^{13} .32561-32941 | 2^{13} .32561-32957 | 2^{13} .32561-32969 | 2^{13} .32561-32971 |

| | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 2^{13} .32563-32941 | 2^{13} .32563-32957 | 2^{13} .32563-32969 | 2^{13} .32563-32971 |
| 2^{13} .32569-32957 | 2^{13} .32573-32957 | 2^{13} .32603-32771 | 2^{13} .32603-32779 |
| 2^{13} .32603-32783 | 2^{13} .32603-32789 | 2^{13} .32603-32797 | 2^{13} .32603-32801 |
| 2^{13} .32609-32771 | 2^{13} .32609-32779 | 2^{13} .32609-32783 | 2^{13} .32609-32789 |
| 2^{13} .32609-32797 | 2^{13} .32609-32801 | 2^{13} .32609-32803 | 2^{13} .32611-32771 |
| 2^{13} .32611-32779 | 2^{13} .32611-32783 | 2^{13} .32611-32789 | 2^{13} .32611-32797 |
| 2^{13} .32611-32801 | 2^{13} .32611-32803 | 2^{13} .32621-32771 | 2^{13} .32621-32779 |

Table 21. All primitive weird numbers of form $2^{13}pq$. (Part 9)

| | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 2^{13} .32621-32783 | 2^{13} .32621-32789 | 2^{13} .32621-32797 | 2^{13} .32621-32801 |
| 2^{13} .32621-32803 | 2^{13} .32621-32831 | 2^{13} .32621-32833 | 2^{13} .32621-32839 |
| 2^{13} .32621-32843 | 2^{13} .32633-32771 | 2^{13} .32633-32779 | 2^{13} .32633-32783 |
| 2^{13} .32633-32789 | 2^{13} .32633-32797 | 2^{13} .32633-32801 | 2^{13} .32633-32803 |
| 2^{13} .32633-32831 | 2^{13} .32633-32833 | 2^{13} .32633-32839 | 2^{13} .32633-32843 |
| 2^{13} .32633-32869 | 2^{13} .32647-32771 | 2^{13} .32647-32779 | 2^{13} .32647-32783 |
| 2^{13} .32647-32789 | 2^{13} .32647-32797 | 2^{13} .32647-32801 | 2^{13} .32647-32803 |
| 2^{13} .32647-32831 | 2^{13} .32647-32833 | 2^{13} .32647-32839 | 2^{13} .32647-32843 |
| 2^{13} .32647-32869 | 2^{13} .32653-32771 | 2^{13} .32653-32779 | 2^{13} .32653-32783 |
| 2^{13} .32653-32789 | 2^{13} .32653-32797 | 2^{13} .32653-32801 | 2^{13} .32653-32803 |
| 2^{13} .32653-32831 | 2^{13} .32653-32833 | 2^{13} .32653-32839 | 2^{13} .32653-32843 |
| 2^{13} .32653-32869 | 2^{13} .32687-32771 | 2^{13} .32687-32779 | 2^{13} .32687-32783 |
| 2^{13} .32687-32789 | 2^{13} .32687-32797 | 2^{13} .32687-32801 | 2^{13} .32687-32803 |
| 2^{13} .32687-32831 | 2^{13} .32687-32833 | 2^{13} .32687-32839 | 2^{13} .32687-32843 |
| 2^{13} .32693-32771 | 2^{13} .32693-32779 | 2^{13} .32693-32783 | 2^{13} .32693-32789 |
| 2^{13} .32693-32797 | 2^{13} .32693-32801 | 2^{13} .32693-32803 | 2^{13} .32693-32831 |
| 2^{13} .32693-32833 | 2^{13} .32693-32839 | 2^{13} .32707-32771 | 2^{13} .32707-32779 |
| 2^{13} .32707-32783 | 2^{13} .32707-32789 | 2^{13} .32707-32797 | 2^{13} .32707-32801 |
| 2^{13} .32707-32803 | 2^{13} .32713-32771 | 2^{13} .32713-32779 | 2^{13} .32713-32783 |
| 2^{13} .32713-32789 | 2^{13} .32713-32797 | 2^{13} .32713-32801 | 2^{13} .32713-32803 |
| 2^{13} .32717-32771 | 2^{13} .32717-32779 | 2^{13} .32717-32783 | 2^{13} .32717-32789 |
| 2^{13} .32717-32797 | 2^{13} .32717-32801 | 2^{13} .32717-32803 | 2^{13} .32719-32771 |
| 2^{13} .32719-32779 | 2^{13} .32719-32783 | 2^{13} .32719-32789 | 2^{13} .32719-32797 |
| 2^{13} .32719-32801 | 2^{13} .32719-32803 | 2^{13} .32749-32771 | 2^{13} .32749-32779 |
| 2^{13} .32749-32783 | | | |

Table 22. All primitive weird numbers of form $2^{14}pq$. (Part 1)

| | | | |
|---------------------------|---------------------------|---------------------------|---------------------------|
| 2^{14} .32771-215256313 | 2^{14} .32771-215911733 | 2^{14} .32771-215952697 | 2^{14} .32771-216108359 |
| 2^{14} .32771-216132937 | 2^{14} .32771-216345949 | 2^{14} .32771-216411491 | 2^{14} .32771-216501611 |
| 2^{14} .32771-216894863 | 2^{14} .32771-216919441 | 2^{14} .32771-217091489 | 2^{14} .32771-217132453 |
| 2^{14} .32771-217771487 | 2^{14} .32771-217877993 | 2^{14} .32771-217902571 | 2^{14} .32771-217984499 |
| 2^{14} .32771-218205703 | 2^{14} .32771-218312209 | 2^{14} .32771-218402329 | 2^{14} .32771-218754617 |
| 2^{14} .32771-218795581 | 2^{14} .32771-218902087 | 2^{14} .32771-219278953 | 2^{14} .32771-219541121 |
| 2^{14} .32771-219844253 | 2^{14} .32771-219885217 | 2^{14} .32771-220262083 | 2^{14} .32771-220458709 |
| 2^{14} .32771-220540637 | 2^{14} .32771-220737263 | 2^{14} .32771-221114129 | 2^{14} .32771-221523767 |
| 2^{14} .32771-221720393 | 2^{14} .32771-221851477 | 2^{14} .32771-221941597 | 2^{14} .32771-222048103 |

| | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| $2^{14} \cdot 32771 \cdot 222597017$ | $2^{14} \cdot 32771 \cdot 222924727$ | $2^{14} \cdot 32771 \cdot 222990269$ | $2^{14} \cdot 32771 \cdot 223031233$ |
| $2^{14} \cdot 32771 \cdot 223227859$ | $2^{14} \cdot 32771 \cdot 223293401$ | $2^{14} \cdot 32771 \cdot 223711231$ | $2^{14} \cdot 32771 \cdot 223866893$ |
| $2^{14} \cdot 32771 \cdot 223907857$ | $2^{14} \cdot 32771 \cdot 224210989$ | $2^{14} \cdot 32771 \cdot 224276531$ | $2^{14} \cdot 32771 \cdot 224473157$ |

Table 23. All primitive weird numbers of form $2^{14} pq$. (Part 2)

| | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| $2^{14} \cdot 32771 \cdot 224563277$ | $2^{14} \cdot 32771 \cdot 224866409$ | $2^{14} \cdot 32771 \cdot 225284239$ | $2^{14} \cdot 32771 \cdot 226177249$ |
| $2^{14} \cdot 32771 \cdot 226357489$ | $2^{14} \cdot 32771 \cdot 226570501$ | $2^{14} \cdot 32771 \cdot 226816283$ | $2^{14} \cdot 32771 \cdot 226947367$ |
| $2^{14} \cdot 32771 \cdot 227316041$ | $2^{14} \cdot 32771 \cdot 227553631$ | $2^{14} \cdot 32771 \cdot 227643751$ | $2^{14} \cdot 32771 \cdot 227815799$ |
| $2^{14} \cdot 32771 \cdot 227930497$ | $2^{14} \cdot 32771 \cdot 228323749$ | $2^{14} \cdot 32771 \cdot 228495797$ | $2^{14} \cdot 32771 \cdot 228536761$ |
| $2^{14} \cdot 32771 \cdot 228798929$ | $2^{14} \cdot 32771 \cdot 228889049$ | $2^{14} \cdot 32771 \cdot 228913627$ | $2^{14} \cdot 32771 \cdot 229282301$ |
| $2^{14} \cdot 32771 \cdot 229372421$ | $2^{14} \cdot 32771 \cdot 229700131$ | $2^{14} \cdot 32771 \cdot 229765673$ | $2^{14} \cdot 32771 \cdot 229896757$ |
| $2^{14} \cdot 32771 \cdot 230109769$ | $2^{14} \cdot 32771 \cdot 230371937$ | $2^{14} \cdot 32771 \cdot 230593141$ | $2^{14} \cdot 32771 \cdot 230699647$ |
| $2^{14} \cdot 32771 \cdot 231076513$ | $2^{14} \cdot 32771 \cdot 231092899$ | $2^{14} \cdot 32771 \cdot 231273139$ | $2^{14} \cdot 32771 \cdot 231576271$ |
| $2^{14} \cdot 32771 \cdot 231682777$ | $2^{14} \cdot 32771 \cdot 232059643$ | $2^{14} \cdot 32771 \cdot 232321811$ | $2^{14} \cdot 32771 \cdot 232624943$ |
| $2^{14} \cdot 32771 \cdot 232821569$ | $2^{14} \cdot 32771 \cdot 232846147$ | $2^{14} \cdot 32771 \cdot 232911689$ | $2^{14} \cdot 32771 \cdot 233124701$ |
| $2^{14} \cdot 32771 \cdot 233304941$ | $2^{14} \cdot 32771 \cdot 233517953$ | $2^{14} \cdot 32771 \cdot 233542531$ | $2^{14} \cdot 32771 \cdot 233608073$ |
| $2^{14} \cdot 32771 \cdot 233739157$ | $2^{14} \cdot 32771 \cdot 233845663$ | $2^{14} \cdot 32771 \cdot 233894819$ | $2^{14} \cdot 32771 \cdot 234304457$ |
| $2^{14} \cdot 32771 \cdot 234394577$ | $2^{14} \cdot 32771 \cdot 234435541$ | $2^{14} \cdot 32771 \cdot 234501083$ | $2^{14} \cdot 32771 \cdot 234681323$ |
| $2^{14} \cdot 32771 \cdot 234722287$ | $2^{14} \cdot 32771 \cdot 234828793$ | $2^{14} \cdot 32771 \cdot 234877949$ | $2^{14} \cdot 32771 \cdot 235025419$ |
| $2^{14} \cdot 32771 \cdot 235287587$ | $2^{14} \cdot 32771 \cdot 235418671$ | $2^{14} \cdot 32771 \cdot 235574333$ | $2^{14} \cdot 32771 \cdot 235598911$ |
| $2^{14} \cdot 32771 \cdot 235795537$ | $2^{14} \cdot 32771 \cdot 236360837$ | $2^{14} \cdot 32771 \cdot 236401801$ | $2^{14} \cdot 32771 \cdot 236450957$ |
| $2^{14} \cdot 32771 \cdot 236778667$ | $2^{14} \cdot 32771 \cdot 237237461$ | $2^{14} \cdot 32771 \cdot 237581557$ | $2^{14} \cdot 32771 \cdot 237974809$ |
| $2^{14} \cdot 32771 \cdot 238130471$ | $2^{14} \cdot 32771 \cdot 238564687$ | $2^{14} \cdot 32771 \cdot 238654807$ | $2^{14} \cdot 32771 \cdot 239048059$ |
| $2^{14} \cdot 32771 \cdot 239203721$ | $2^{14} \cdot 32771 \cdot 239351191$ | $2^{14} \cdot 32771 \cdot 239531431$ | $2^{14} \cdot 32771 \cdot 239547817$ |
| $2^{14} \cdot 32771 \cdot 239613359$ | $2^{14} \cdot 32771 \cdot 239793599$ | $2^{14} \cdot 32771 \cdot 240186851$ | $2^{14} \cdot 32771 \cdot 240293357$ |
| $2^{14} \cdot 32771 \cdot 240530947$ | $2^{14} \cdot 32771 \cdot 240580103$ | $2^{14} \cdot 32771 \cdot 240989741$ | $2^{14} \cdot 32771 \cdot 241579619$ |
| $2^{14} \cdot 32771 \cdot 241694317$ | $2^{14} \cdot 32771 \cdot 242300581$ | $2^{14} \cdot 32771 \cdot 242456243$ | $2^{14} \cdot 32771 \cdot 242546363$ |
| $2^{14} \cdot 32771 \cdot 243136241$ | $2^{14} \cdot 32771 \cdot 243152627$ | $2^{14} \cdot 32771 \cdot 243463951$ | $2^{14} \cdot 32771 \cdot 243635999$ |
| $2^{14} \cdot 32771 \cdot 244315997$ | $2^{14} \cdot 32771 \cdot 244332383$ | $2^{14} \cdot 32771 \cdot 244356961$ | $2^{14} \cdot 32771 \cdot 244512623$ |
| $2^{14} \cdot 32771 \cdot 244709249$ | $2^{14} \cdot 32771 \cdot 244750213$ | $2^{14} \cdot 32771 \cdot 244922261$ | $2^{14} \cdot 32771 \cdot 245340091$ |
| $2^{14} \cdot 32771 \cdot 245536717$ | $2^{14} \cdot 32771 \cdot 245839849$ | $2^{14} \cdot 32771 \cdot 245929969$ | $2^{14} \cdot 32771 \cdot 246192137$ |
| $2^{14} \cdot 32771 \cdot 246298643$ | $2^{14} \cdot 32771 \cdot 246675509$ | $2^{14} \cdot 32771 \cdot 246716473$ | $2^{14} \cdot 32771 \cdot 247216231$ |
| $2^{14} \cdot 32771 \cdot 247281773$ | $2^{14} \cdot 32771 \cdot 247306351$ | $2^{14} \cdot 32771 \cdot 247412857$ | $2^{14} \cdot 32771 \cdot 247658639$ |
| $2^{14} \cdot 32771 \cdot 247806109$ | $2^{14} \cdot 32771 \cdot 247961771$ | $2^{14} \cdot 32771 \cdot 248068277$ | $2^{14} \cdot 32771 \cdot 248158397$ |
| $2^{14} \cdot 32771 \cdot 248264903$ | $2^{14} \cdot 32771 \cdot 248641769$ | $2^{14} \cdot 32771 \cdot 249035021$ | $2^{14} \cdot 32771 \cdot 249182491$ |
| $2^{14} \cdot 32771 \cdot 249428273$ | $2^{14} \cdot 32771 \cdot 249952609$ | $2^{14} \cdot 32771 \cdot 250321283$ | $2^{14} \cdot 32771 \cdot 250345861$ |
| $2^{14} \cdot 32771 \cdot 251197907$ | $2^{14} \cdot 32771 \cdot 251304413$ | $2^{14} \cdot 32771 \cdot 251328991$ | $2^{14} \cdot 32771 \cdot 251435497$ |
| $2^{14} \cdot 32771 \cdot 251722243$ | $2^{14} \cdot 32771 \cdot 252287543$ | $2^{14} \cdot 32771 \cdot 252508747$ | $2^{14} \cdot 32771 \cdot 252705373$ |
| $2^{14} \cdot 32771 \cdot 252721759$ | $2^{14} \cdot 32771 \cdot 252877421$ | $2^{14} \cdot 32771 \cdot 252967541$ | $2^{14} \cdot 32771 \cdot 253205131$ |
| $2^{14} \cdot 32771 \cdot 253311637$ | $2^{14} \cdot 32771 \cdot 253467299$ | $2^{14} \cdot 32771 \cdot 254688019$ | $2^{14} \cdot 32771 \cdot 254753561$ |
| $2^{14} \cdot 32771 \cdot 254843681$ | $2^{14} \cdot 32771 \cdot 255081271$ | $2^{14} \cdot 32771 \cdot 255171391$ | $2^{14} \cdot 32771 \cdot 255368017$ |
| $2^{14} \cdot 32771 \cdot 255671149$ | $2^{14} \cdot 32771 \cdot 255851389$ | $2^{14} \cdot 32771 \cdot 256064401$ | $2^{14} \cdot 32771 \cdot 256416689$ |
| $2^{14} \cdot 32771 \cdot 256441267$ | $2^{14} \cdot 32771 \cdot 256834519$ | $2^{14} \cdot 32771 \cdot 256916447$ | $2^{14} \cdot 32771 \cdot 257006567$ |
| $2^{14} \cdot 32771 \cdot 257399819$ | $2^{14} \cdot 32771 \cdot 257424397$ | $2^{14} \cdot 32771 \cdot 257793071$ | $2^{14} \cdot 32771 \cdot 257883191$ |
| $2^{14} \cdot 32771 \cdot 258227287$ | $2^{14} \cdot 32771 \cdot 258686081$ | $2^{14} \cdot 32771 \cdot 258776201$ | $2^{14} \cdot 32771 \cdot 258800779$ |
| $2^{14} \cdot 32771 \cdot 259079333$ | $2^{14} \cdot 32771 \cdot 259669211$ | $2^{14} \cdot 32771 \cdot 259849451$ | $2^{14} \cdot 32771 \cdot 259996921$ |

| | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| $2^{14} \cdot 32771 \cdot 260349209$ | $2^{14} \cdot 32771 \cdot 260652341$ | $2^{14} \cdot 32771 \cdot 261045593$ | $2^{14} \cdot 32771 \cdot 261356917$ |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|

Table 24. All primitive weird numbers of form $2^{14} pq$. (Part 3)

| | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| $2^{14} \cdot 32771 \cdot 261635471$ | $2^{14} \cdot 32771 \cdot 261750169$ | $2^{14} \cdot 32771 \cdot 262225349$ | $2^{14} \cdot 32771 \cdot 262356433$ |
| $2^{14} \cdot 32771 \cdot 262405589$ | $2^{14} \cdot 32771 \cdot 262553059$ | $2^{14} \cdot 32771 \cdot 262946311$ | $2^{14} \cdot 32771 \cdot 263101973$ |
| $2^{14} \cdot 32771 \cdot 263126551$ | $2^{14} \cdot 32771 \cdot 263691851$ | $2^{14} \cdot 32771 \cdot 264306307$ | $2^{14} \cdot 32771 \cdot 264519319$ |
| $2^{14} \cdot 32771 \cdot 264978113$ | $2^{14} \cdot 32771 \cdot 265109197$ | $2^{14} \cdot 32771 \cdot 265158353$ | $2^{14} \cdot 32771 \cdot 265199317$ |
| $2^{14} \cdot 32771 \cdot 265502449$ | $2^{14} \cdot 32771 \cdot 265682689$ | $2^{14} \cdot 32771 \cdot 265944857$ | $2^{14} \cdot 32771 \cdot 265985821$ |
| $2^{14} \cdot 32771 \cdot 266075941$ | $2^{14} \cdot 32771 \cdot 266141483$ | $2^{14} \cdot 32771 \cdot 266157869$ | $2^{14} \cdot 32771 \cdot 266837867$ |
| $2^{14} \cdot 32771 \cdot 266968951$ | $2^{14} \cdot 32771 \cdot 267059071$ | $2^{14} \cdot 32771 \cdot 267362203$ | $2^{14} \cdot 32771 \cdot 267648949$ |
| $2^{14} \cdot 32771 \cdot 267927503$ | $2^{14} \cdot 32771 \cdot 268058587$ | $2^{14} \cdot 32771 \cdot 268148707$ | $2^{14} \cdot 32771 \cdot 268214249$ |
| $2^{14} \cdot 32779 \cdot 82633127$ | $2^{14} \cdot 32779 \cdot 82674101$ | $2^{14} \cdot 32779 \cdot 82685027$ | $2^{14} \cdot 32779 \cdot 82709611$ |
| $2^{14} \cdot 32779 \cdot 82726001$ | $2^{14} \cdot 32779 \cdot 82829801$ | $2^{14} \cdot 32779 \cdot 82933601$ | $2^{14} \cdot 32779 \cdot 82944527$ |
| $2^{14} \cdot 32779 \cdot 83089301$ | $2^{14} \cdot 32779 \cdot 83102959$ | $2^{14} \cdot 32779 \cdot 83119349$ | $2^{14} \cdot 32779 \cdot 83143933$ |
| $2^{14} \cdot 32779 \cdot 83223149$ | $2^{14} \cdot 32779 \cdot 83236807$ | $2^{14} \cdot 32779 \cdot 83247733$ | $2^{14} \cdot 32779 \cdot 83329681$ |
| $2^{14} \cdot 32779 \cdot 83430749$ | $2^{14} \cdot 32779 \cdot 83433481$ | $2^{14} \cdot 32779 \cdot 83444407$ | $2^{14} \cdot 32779 \cdot 83471723$ |
| $2^{14} \cdot 32779 \cdot 83482649$ | $2^{14} \cdot 32779 \cdot 83564597$ | $2^{14} \cdot 32779 \cdot 83657471$ | $2^{14} \cdot 32779 \cdot 83692981$ |
| $2^{14} \cdot 32779 \cdot 83709371$ | $2^{14} \cdot 32779 \cdot 83930629$ | $2^{14} \cdot 32779 \cdot 84050819$ | $2^{14} \cdot 32779 \cdot 84102719$ |
| $2^{14} \cdot 32779 \cdot 84168277$ | $2^{14} \cdot 32779 \cdot 84310319$ | $2^{14} \cdot 32779 \cdot 84334903$ | $2^{14} \cdot 32779 \cdot 84362219$ |
| $2^{14} \cdot 32779 \cdot 84444167$ | $2^{14} \cdot 32779 \cdot 84455093$ | $2^{14} \cdot 32779 \cdot 84496067$ | $2^{14} \cdot 32779 \cdot 84588941$ |
| $2^{14} \cdot 32779 \cdot 84610793$ | $2^{14} \cdot 32779 \cdot 84703667$ | $2^{14} \cdot 32779 \cdot 84796541$ | $2^{14} \cdot 32779 \cdot 84848441$ |
| $2^{14} \cdot 32779 \cdot 84859367$ | $2^{14} \cdot 32779 \cdot 85173499$ | $2^{14} \cdot 32779 \cdot 85189889$ | $2^{14} \cdot 32779 \cdot 85241789$ |
| $2^{14} \cdot 32779 \cdot 85244521$ | $2^{14} \cdot 32779 \cdot 85282763$ | $2^{14} \cdot 32779 \cdot 85334663$ | $2^{14} \cdot 32779 \cdot 85359247$ |
| $2^{14} \cdot 32779 \cdot 85375637$ | $2^{14} \cdot 32779 \cdot 85400221$ | $2^{14} \cdot 32779 \cdot 85463047$ | $2^{14} \cdot 32779 \cdot 85479437$ |
| $2^{14} \cdot 32779 \cdot 85531337$ | $2^{14} \cdot 32779 \cdot 85583237$ | $2^{14} \cdot 32779 \cdot 85646063$ | $2^{14} \cdot 32779 \cdot 85834543$ |
| $2^{14} \cdot 32779 \cdot 85842737$ | $2^{14} \cdot 32779 \cdot 85935611$ | $2^{14} \cdot 32779 \cdot 85938343$ | $2^{14} \cdot 32779 \cdot 86031217$ |
| $2^{14} \cdot 32779 \cdot 86039411$ | $2^{14} \cdot 32779 \cdot 86156869$ | $2^{14} \cdot 32779 \cdot 86186917$ | $2^{14} \cdot 32779 \cdot 86225159$ |
| $2^{14} \cdot 32779 \cdot 86249743$ | $2^{14} \cdot 32779 \cdot 86290717$ | $2^{14} \cdot 32779 \cdot 86342617$ | $2^{14} \cdot 32779 \cdot 86446417$ |
| $2^{14} \cdot 32779 \cdot 86487391$ | $2^{14} \cdot 32779 \cdot 86555681$ | $2^{14} \cdot 32779 \cdot 86566607$ | $2^{14} \cdot 32779 \cdot 86591191$ |
| $2^{14} \cdot 32779 \cdot 86659481$ | $2^{14} \cdot 32779 \cdot 86694991$ | $2^{14} \cdot 32779 \cdot 86815181$ | $2^{14} \cdot 32779 \cdot 86932639$ |
| $2^{14} \cdot 32779 \cdot 86949029$ | $2^{14} \cdot 32779 \cdot 87000929$ | $2^{14} \cdot 32779 \cdot 87022781$ | $2^{14} \cdot 32779 \cdot 87025513$ |
| $2^{14} \cdot 32779 \cdot 87074681$ | $2^{14} \cdot 32779 \cdot 87170287$ | $2^{14} \cdot 32779 \cdot 87197603$ | $2^{14} \cdot 32779 \cdot 87353303$ |
| $2^{14} \cdot 32779 \cdot 87364229$ | $2^{14} \cdot 32779 \cdot 87394277$ | $2^{14} \cdot 32779 \cdot 87405203$ | $2^{14} \cdot 32779 \cdot 87533587$ |
| $2^{14} \cdot 32779 \cdot 87560903$ | $2^{14} \cdot 32779 \cdot 87604609$ | $2^{14} \cdot 32779 \cdot 87656509$ | $2^{14} \cdot 32779 \cdot 87708409$ |
| $2^{14} \cdot 32779 \cdot 87746651$ | $2^{14} \cdot 32779 \cdot 87801283$ | $2^{14} \cdot 32779 \cdot 88058051$ | $2^{14} \cdot 32779 \cdot 88153657$ |
| $2^{14} \cdot 32779 \cdot 88180973$ | $2^{14} \cdot 32779 \cdot 88246531$ | $2^{14} \cdot 32779 \cdot 88325747$ | $2^{14} \cdot 32779 \cdot 88377647$ |
| $2^{14} \cdot 32779 \cdot 88429547$ | $2^{14} \cdot 32779 \cdot 88492373$ | $2^{14} \cdot 32779 \cdot 88585247$ | $2^{14} \cdot 32779 \cdot 88740947$ |
| $2^{14} \cdot 32779 \cdot 88885721$ | $2^{14} \cdot 32779 \cdot 88888453$ | $2^{14} \cdot 32779 \cdot 88899379$ | $2^{14} \cdot 32779 \cdot 88951279$ |
| $2^{14} \cdot 32779 \cdot 88981327$ | $2^{14} \cdot 32779 \cdot 89055079$ | $2^{14} \cdot 32779 \cdot 89085127$ | $2^{14} \cdot 32779 \cdot 89096053$ |
| $2^{14} \cdot 32779 \cdot 89229901$ | $2^{14} \cdot 32779 \cdot 89292727$ | $2^{14} \cdot 32779 \cdot 89333701$ | $2^{14} \cdot 32779 \cdot 89434769$ |
| $2^{14} \cdot 32779 \cdot 89505791$ | $2^{14} \cdot 32783 \cdot 63244553$ | $2^{14} \cdot 32783 \cdot 63265043$ | $2^{14} \cdot 32783 \cdot 63340853$ |
| $2^{14} \cdot 32783 \cdot 63344951$ | $2^{14} \cdot 32783 \cdot 63449447$ | $2^{14} \cdot 32783 \cdot 63541649$ | $2^{14} \cdot 32783 \cdot 63558041$ |
| $2^{14} \cdot 32783 \cdot 63562139$ | $2^{14} \cdot 32783 \cdot 63662537$ | $2^{14} \cdot 32783 \cdot 63738347$ | $2^{14} \cdot 32783 \cdot 63754739$ |
| $2^{14} \cdot 32783 \cdot 63769081$ | $2^{14} \cdot 32783 \cdot 63777277$ | $2^{14} \cdot 32783 \cdot 63793669$ | $2^{14} \cdot 32783 \cdot 63830549$ |
| $2^{14} \cdot 32783 \cdot 63834647$ | $2^{14} \cdot 32783 \cdot 63865381$ | $2^{14} \cdot 32783 \cdot 63869479$ | $2^{14} \cdot 32783 \cdot 63943241$ |

Table 25. All primitive weird numbers of form $2^{14} pq$. (Part 4)

| | | | |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| $2^{14} \cdot 32783\text{-}64055933$ | $2^{14} \cdot 32783\text{-}64144037$ | $2^{14} \cdot 32783\text{-}64152233$ | $2^{14} \cdot 32783\text{-}64236239$ |
| $2^{14} \cdot 32783\text{-}64271071$ | $2^{14} \cdot 32783\text{-}64348931$ | $2^{14} \cdot 32783\text{-}64375567$ | $2^{14} \cdot 32783\text{-}64424741$ |
| $2^{14} \cdot 32783\text{-}64428839$ | $2^{14} \cdot 32783\text{-}64432937$ | $2^{14} \cdot 32783\text{-}64459573$ | $2^{14} \cdot 32783\text{-}64463671$ |
| $2^{14} \cdot 32783\text{-}64568167$ | $2^{14} \cdot 32783\text{-}64625537$ | $2^{14} \cdot 32783\text{-}64646027$ | $2^{14} \cdot 32783\text{-}64676761$ |
| $2^{14} \cdot 32783\text{-}64738229$ | $2^{14} \cdot 32783\text{-}64777159$ | $2^{14} \cdot 32783\text{-}64830431$ | $2^{14} \cdot 32783\text{-}64852969$ |
| $2^{14} \cdot 32783\text{-}64922633$ | $2^{14} \cdot 32783\text{-}64945171$ | $2^{14} \cdot 32783\text{-}64953367$ | $2^{14} \cdot 32783\text{-}64965661$ |
| $2^{14} \cdot 32783\text{-}65027129$ | $2^{14} \cdot 32783\text{-}65145967$ | $2^{14} \cdot 32783\text{-}65154163$ | $2^{14} \cdot 32783\text{-}65162359$ |
| $2^{14} \cdot 32783\text{-}65211533$ | $2^{14} \cdot 32783\text{-}65242267$ | $2^{14} \cdot 32783\text{-}65254561$ | $2^{14} \cdot 32783\text{-}65311931$ |
| $2^{14} \cdot 32783\text{-}65316029$ | $2^{14} \cdot 32783\text{-}65328323$ | $2^{14} \cdot 32783\text{-}65354959$ | $2^{14} \cdot 32783\text{-}65404133$ |
| $2^{14} \cdot 32783\text{-}65559853$ | $2^{14} \cdot 32783\text{-}65635663$ | $2^{14} \cdot 32783\text{-}65660251$ | $2^{14} \cdot 32783\text{-}65717621$ |
| $2^{14} \cdot 32783\text{-}65725817$ | $2^{14} \cdot 32783\text{-}65740159$ | $2^{14} \cdot 32783\text{-}65760649$ | $2^{14} \cdot 32783\text{-}65813921$ |
| $2^{14} \cdot 32783\text{-}65822117$ | $2^{14} \cdot 32783\text{-}65840557$ | $2^{14} \cdot 32783\text{-}65852851$ | $2^{14} \cdot 32783\text{-}65897927$ |
| $2^{14} \cdot 32783\text{-}65918417$ | $2^{14} \cdot 32783\text{-}66033157$ | $2^{14} \cdot 32783\text{-}66049549$ | $2^{14} \cdot 32783\text{-}66098723$ |
| $2^{14} \cdot 32783\text{-}66106919$ | $2^{14} \cdot 32783\text{-}66129457$ | $2^{14} \cdot 32783\text{-}66149947$ | $2^{14} \cdot 32783\text{-}66233953$ |
| $2^{14} \cdot 32783\text{-}66303617$ | $2^{14} \cdot 32783\text{-}66315911$ | $2^{14} \cdot 32783\text{-}66322057$ | $2^{14} \cdot 32783\text{-}66387623$ |
| $2^{14} \cdot 32783\text{-}66408113$ | $2^{14} \cdot 32783\text{-}66416309$ | $2^{14} \cdot 32783\text{-}66434749$ | $2^{14} \cdot 32783\text{-}66438847$ |
| $2^{14} \cdot 32783\text{-}66608909$ | $2^{14} \cdot 32783\text{-}66623251$ | $2^{14} \cdot 32783\text{-}66684719$ | $2^{14} \cdot 32783\text{-}66701111$ |
| $2^{14} \cdot 32783\text{-}66705209$ | $2^{14} \cdot 32783\text{-}66719551$ | $2^{14} \cdot 32783\text{-}66727747$ | $2^{14} \cdot 32783\text{-}66740041$ |
| $2^{14} \cdot 32783\text{-}66781019$ | $2^{14} \cdot 32783\text{-}66893711$ | $2^{14} \cdot 32783\text{-}66912151$ | $2^{14} \cdot 32783\text{-}67006403$ |
| $2^{14} \cdot 32783\text{-}67012549$ | $2^{14} \cdot 32783\text{-}67016647$ | $2^{14} \cdot 32783\text{-}67086311$ | $2^{14} \cdot 32783\text{-}67094507$ |
| $2^{14} \cdot 32783\text{-}67102703$ | $2^{14} \cdot 32783\text{-}67121143$ | $2^{14} \cdot 32789\text{-}46740719$ | $2^{14} \cdot 32789\text{-}46742209$ |
| $2^{14} \cdot 32789\text{-}46777979$ | $2^{14} \cdot 32789\text{-}46819711$ | $2^{14} \cdot 32789\text{-}46901683$ | $2^{14} \cdot 32789\text{-}46915097$ |
| $2^{14} \cdot 32789\text{-}46952357$ | $2^{14} \cdot 32789\text{-}46994089$ | $2^{14} \cdot 32789\text{-}47008993$ | $2^{14} \cdot 32789\text{-}47011973$ |
| $2^{14} \cdot 32789\text{-}47038801$ | $2^{14} \cdot 32789\text{-}47076061$ | $2^{14} \cdot 32789\text{-}47082023$ | $2^{14} \cdot 32789\text{-}47098417$ |
| $2^{14} \cdot 32789\text{-}47135677$ | $2^{14} \cdot 32789\text{-}47141639$ | $2^{14} \cdot 32789\text{-}47178899$ | $2^{14} \cdot 32789\text{-}47286209$ |
| $2^{14} \cdot 32789\text{-}47287699$ | $2^{14} \cdot 32789\text{-}47293661$ | $2^{14} \cdot 32789\text{-}47395009$ | $2^{14} \cdot 32789\text{-}47432269$ |
| $2^{14} \cdot 32789\text{-}47468039$ | $2^{14} \cdot 32789\text{-}47514241$ | $2^{14} \cdot 32789\text{-}47535107$ | $2^{14} \cdot 32789\text{-}47542559$ |
| $2^{14} \cdot 32789\text{-}47550011$ | $2^{14} \cdot 32789\text{-}47587271$ | $2^{14} \cdot 32789\text{-}47621551$ | $2^{14} \cdot 32789\text{-}47643907$ |
| $2^{14} \cdot 32789\text{-}47702033$ | $2^{14} \cdot 32789\text{-}47716937$ | $2^{14} \cdot 32789\text{-}47769101$ | $2^{14} \cdot 32789\text{-}47795929$ |
| $2^{14} \cdot 32789\text{-}47803381$ | $2^{14} \cdot 32789\text{-}47825737$ | $2^{14} \cdot 32789\text{-}47840641$ | $2^{14} \cdot 32789\text{-}47848093$ |
| $2^{14} \cdot 32789\text{-}47861507$ | $2^{14} \cdot 32789\text{-}47885353$ | $2^{14} \cdot 32789\text{-}47907709$ | $2^{14} \cdot 32789\text{-}47980739$ |
| $2^{14} \cdot 32789\text{-}47988191$ | $2^{14} \cdot 32789\text{-}48089539$ | $2^{14} \cdot 32789\text{-}48117857$ | $2^{14} \cdot 32789\text{-}48174493$ |
| $2^{14} \cdot 32789\text{-}48189397$ | $2^{14} \cdot 32789\text{-}48192377$ | $2^{14} \cdot 32789\text{-}48196849$ | $2^{14} \cdot 32789\text{-}48204301$ |
| $2^{14} \cdot 32789\text{-}48241561$ | $2^{14} \cdot 32789\text{-}48262427$ | $2^{14} \cdot 32789\text{-}48271369$ | $2^{14} \cdot 32789\text{-}48301177$ |
| $2^{14} \cdot 32789\text{-}48344399$ | $2^{14} \cdot 32789\text{-}48359303$ | $2^{14} \cdot 32789\text{-}48378679$ | $2^{14} \cdot 32789\text{-}48389111$ |
| $2^{14} \cdot 32789\text{-}48408487$ | $2^{14} \cdot 32789\text{-}48453199$ | $2^{14} \cdot 32789\text{-}48459161$ | $2^{14} \cdot 32789\text{-}48460651$ |
| $2^{14} \cdot 32789\text{-}48468103$ | $2^{14} \cdot 32789\text{-}48483007$ | $2^{14} \cdot 32789\text{-}48490459$ | $2^{14} \cdot 32789\text{-}48520267$ |
| $2^{14} \cdot 32789\text{-}48526229$ | $2^{14} \cdot 32789\text{-}48648443$ | $2^{14} \cdot 32789\text{-}48663347$ | $2^{14} \cdot 32789\text{-}48678251$ |
| $2^{14} \cdot 32789\text{-}48687193$ | $2^{14} \cdot 32789\text{-}48702097$ | $2^{14} \cdot 32789\text{-}48717001$ | $2^{14} \cdot 32789\text{-}48772147$ |
| $2^{14} \cdot 32797\text{-}34680641$ | $2^{14} \cdot 32797\text{-}34693759$ | $2^{14} \cdot 32797\text{-}34707971$ | $2^{14} \cdot 32797\text{-}34714531$ |
| $2^{14} \cdot 32797\text{-}34723277$ | $2^{14} \cdot 32797\text{-}34750607$ | $2^{14} \cdot 32797\text{-}34762633$ | $2^{14} \cdot 32797\text{-}34768099$ |
| $2^{14} \cdot 32797\text{-}34782311$ | $2^{14} \cdot 32797\text{-}34824947$ | $2^{14} \cdot 32797\text{-}34826041$ | $2^{14} \cdot 32797\text{-}34856651$ |

Table 26. All primitive weird numbers of form $2^{14} pq$. (Part 5)

| | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| $2^{14} \cdot 32797 \cdot 34862117$ | $2^{14} \cdot 32797 \cdot 34867583$ | $2^{14} \cdot 32797 \cdot 34868677$ | $2^{14} \cdot 32797 \cdot 34874143$ |
| $2^{14} \cdot 32797 \cdot 34899287$ | $2^{14} \cdot 32797 \cdot 34920059$ | $2^{14} \cdot 32797 \cdot 34930991$ | $2^{14} \cdot 32797 \cdot 34941923$ |
| $2^{14} \cdot 32797 \cdot 34943017$ | $2^{14} \cdot 32797 \cdot 34948483$ | $2^{14} \cdot 32797 \cdot 34957229$ | $2^{14} \cdot 32797 \cdot 34968161$ |
| $2^{14} \cdot 32797 \cdot 34979093$ | $2^{14} \cdot 32797 \cdot 34985653$ | $2^{14} \cdot 32797 \cdot 35010797$ | $2^{14} \cdot 32797 \cdot 35012983$ |
| $2^{14} \cdot 32797 \cdot 35021729$ | $2^{14} \cdot 32797 \cdot 35028289$ | $2^{14} \cdot 32797 \cdot 35044687$ | $2^{14} \cdot 32797 \cdot 35116841$ |
| $2^{14} \cdot 32797 \cdot 35124493$ | $2^{14} \cdot 32797 \cdot 35127773$ | $2^{14} \cdot 32797 \cdot 35159477$ | $2^{14} \cdot 32797 \cdot 35161663$ |
| $2^{14} \cdot 32797 \cdot 35170409$ | $2^{14} \cdot 32797 \cdot 35230537$ | $2^{14} \cdot 32797 \cdot 35244749$ | $2^{14} \cdot 32797 \cdot 35340953$ |
| $2^{14} \cdot 32797 \cdot 35372657$ | $2^{14} \cdot 32797 \cdot 35384683$ | $2^{14} \cdot 32797 \cdot 35430599$ | $2^{14} \cdot 32797 \cdot 35446997$ |
| $2^{14} \cdot 32797 \cdot 35459023$ | $2^{14} \cdot 32797 \cdot 35467769$ | $2^{14} \cdot 32797 \cdot 35475421$ | $2^{14} \cdot 32797 \cdot 35489633$ |
| $2^{14} \cdot 32797 \cdot 35501659$ | $2^{14} \cdot 32797 \cdot 35518057$ | $2^{14} \cdot 32797 \cdot 35538829$ | $2^{14} \cdot 32797 \cdot 35558507$ |
| $2^{14} \cdot 32797 \cdot 35569439$ | $2^{14} \cdot 32797 \cdot 35586931$ | $2^{14} \cdot 32797 \cdot 35629567$ | $2^{14} \cdot 32797 \cdot 35640499$ |
| $2^{14} \cdot 32797 \cdot 35643779$ | $2^{14} \cdot 32797 \cdot 35735611$ | $2^{14} \cdot 32797 \cdot 35749823$ | $2^{14} \cdot 32797 \cdot 35752009$ |
| $2^{14} \cdot 32801 \cdot 30711383$ | $2^{14} \cdot 32801 \cdot 30727783$ | $2^{14} \cdot 32801 \cdot 30746113$ | $2^{14} \cdot 32801 \cdot 30748043$ |
| $2^{14} \cdot 32801 \cdot 30764443$ | $2^{14} \cdot 32801 \cdot 30824257$ | $2^{14} \cdot 32801 \cdot 30842587$ | $2^{14} \cdot 32801 \cdot 30856093$ |
| $2^{14} \cdot 32801 \cdot 30892753$ | $2^{14} \cdot 32801 \cdot 30897577$ | $2^{14} \cdot 32801 \cdot 30924589$ | $2^{14} \cdot 32801 \cdot 30970897$ |
| $2^{14} \cdot 32801 \cdot 30979579$ | $2^{14} \cdot 32801 \cdot 30984403$ | $2^{14} \cdot 32801 \cdot 30989227$ | $2^{14} \cdot 32801 \cdot 30990191$ |
| $2^{14} \cdot 32801 \cdot 30997909$ | $2^{14} \cdot 32801 \cdot 31002733$ | $2^{14} \cdot 32801 \cdot 31008521$ | $2^{14} \cdot 32801 \cdot 31045181$ |
| $2^{14} \cdot 32801 \cdot 31052899$ | $2^{14} \cdot 32801 \cdot 31094383$ | $2^{14} \cdot 32801 \cdot 31100171$ | $2^{14} \cdot 32801 \cdot 31112713$ |
| $2^{14} \cdot 32801 \cdot 31149373$ | $2^{14} \cdot 32801 \cdot 31205327$ | $2^{14} \cdot 32801 \cdot 31236199$ | $2^{14} \cdot 32801 \cdot 31299871$ |
| $2^{14} \cdot 32801 \cdot 31315307$ | $2^{14} \cdot 32801 \cdot 31318201$ | $2^{14} \cdot 32801 \cdot 31346179$ | $2^{14} \cdot 32801 \cdot 31347143$ |
| $2^{14} \cdot 32801 \cdot 31356791$ | $2^{14} \cdot 32801 \cdot 31365473$ | $2^{14} \cdot 32801 \cdot 31375121$ | $2^{14} \cdot 32801 \cdot 31382839$ |
| $2^{14} \cdot 32801 \cdot 31420463$ | $2^{14} \cdot 32801 \cdot 31425287$ | $2^{14} \cdot 32801 \cdot 31437829$ | $2^{14} \cdot 32801 \cdot 31460017$ |
| $2^{14} \cdot 32801 \cdot 31475453$ | $2^{14} \cdot 32801 \cdot 31485101$ | $2^{14} \cdot 32801 \cdot 31493783$ | $2^{14} \cdot 32801 \cdot 31496677$ |
| $2^{14} \cdot 32801 \cdot 31512113$ | $2^{14} \cdot 32801 \cdot 31515007$ | $2^{14} \cdot 32801 \cdot 31538161$ | $2^{14} \cdot 32801 \cdot 31574821$ |
| $2^{14} \cdot 32801 \cdot 31598939$ | $2^{14} \cdot 32801 \cdot 31606657$ | $2^{14} \cdot 32801 \cdot 31608587$ | $2^{14} \cdot 32803 \cdot 29072569$ |
| $2^{14} \cdot 32803 \cdot 29081681$ | $2^{14} \cdot 32803 \cdot 29088971$ | $2^{14} \cdot 32803 \cdot 29095349$ | $2^{14} \cdot 32803 \cdot 29102639$ |
| $2^{14} \cdot 32803 \cdot 29133619$ | $2^{14} \cdot 32803 \cdot 29143643$ | $2^{14} \cdot 32803 \cdot 29181913$ | $2^{14} \cdot 32803 \cdot 29203781$ |
| $2^{14} \cdot 32803 \cdot 29209249$ | $2^{14} \cdot 32803 \cdot 29222917$ | $2^{14} \cdot 32803 \cdot 29235673$ | $2^{14} \cdot 32803 \cdot 29330437$ |
| $2^{14} \cdot 32803 \cdot 29331349$ | $2^{14} \cdot 32803 \cdot 29337727$ | $2^{14} \cdot 32803 \cdot 29339549$ | $2^{14} \cdot 32803 \cdot 29346839$ |
| $2^{14} \cdot 32803 \cdot 29353217$ | $2^{14} \cdot 32803 \cdot 29448893$ | $2^{14} \cdot 32803 \cdot 29475317$ | $2^{14} \cdot 32803 \cdot 29476229$ |
| $2^{14} \cdot 32803 \cdot 29577371$ | $2^{14} \cdot 32803 \cdot 29581927$ | $2^{14} \cdot 32803 \cdot 29584661$ | $2^{14} \cdot 32803 \cdot 29597417$ |
| $2^{14} \cdot 32803 \cdot 29598329$ | $2^{14} \cdot 32803 \cdot 29601973$ | $2^{14} \cdot 32803 \cdot 29609263$ | $2^{14} \cdot 32803 \cdot 29611997$ |
| $2^{14} \cdot 32803 \cdot 29616553$ | $2^{14} \cdot 32803 \cdot 29658467$ | $2^{14} \cdot 32803 \cdot 29677603$ | $2^{14} \cdot 32803 \cdot 29690359$ |
| $2^{14} \cdot 32803 \cdot 29711317$ | $2^{14} \cdot 32803 \cdot 29758699$ | $2^{14} \cdot 32803 \cdot 29767811$ | $2^{14} \cdot 32803 \cdot 29772367$ |
| $2^{14} \cdot 32803 \cdot 29799703$ | $2^{14} \cdot 32803 \cdot 29819749$ | $2^{14} \cdot 32831 \cdot 16550927$ | $2^{14} \cdot 32831 \cdot 16555031$ |
| $2^{14} \cdot 32831 \cdot 16557083$ | $2^{14} \cdot 32831 \cdot 16558109$ | $2^{14} \cdot 32831 \cdot 16561187$ | $2^{14} \cdot 32831 \cdot 16572473$ |
| $2^{14} \cdot 32831 \cdot 16578629$ | $2^{14} \cdot 32831 \cdot 16580167$ | $2^{14} \cdot 32831 \cdot 16591453$ | $2^{14} \cdot 32831 \cdot 16592479$ |
| $2^{14} \cdot 32831 \cdot 16594531$ | $2^{14} \cdot 32831 \cdot 16605817$ | $2^{14} \cdot 32831 \cdot 16607869$ | $2^{14} \cdot 32831 \cdot 16609921$ |
| $2^{14} \cdot 32831 \cdot 16645829$ | $2^{14} \cdot 32831 \cdot 16647881$ | $2^{14} \cdot 32831 \cdot 16649933$ | $2^{14} \cdot 32831 \cdot 16663271$ |
| $2^{14} \cdot 32831 \cdot 16668401$ | $2^{14} \cdot 32831 \cdot 16669427$ | $2^{14} \cdot 32831 \cdot 16674557$ | $2^{14} \cdot 32831 \cdot 16680199$ |
| $2^{14} \cdot 32831 \cdot 16682251$ | $2^{14} \cdot 32831 \cdot 16687381$ | $2^{14} \cdot 32831 \cdot 16690459$ | $2^{14} \cdot 32831 \cdot 16695589$ |
| $2^{14} \cdot 32831 \cdot 16702771$ | $2^{14} \cdot 32831 \cdot 16748939$ | $2^{14} \cdot 32831 \cdot 16750991$ | $2^{14} \cdot 32831 \cdot 16753043$ |

Table 27. All primitive weird numbers of form $2^{14} pq$. (Part 6)

| | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| $2^{14} \cdot 32831 \cdot 16758173$ | $2^{14} \cdot 32831 \cdot 16759199$ | $2^{14} \cdot 32831 \cdot 16763303$ | $2^{14} \cdot 32831 \cdot 16767407$ |
| $2^{14} \cdot 32831 \cdot 16777153$ | $2^{14} \cdot 32831 \cdot 16785361$ | $2^{14} \cdot 32831 \cdot 16790491$ | $2^{14} \cdot 32831 \cdot 16791517$ |
| $2^{14} \cdot 32833 \cdot 16062799$ | $2^{14} \cdot 32833 \cdot 16067773$ | $2^{14} \cdot 32833 \cdot 16068271$ | $2^{14} \cdot 32833 \cdot 16075733$ |
| $2^{14} \cdot 32833 \cdot 16084687$ | $2^{14} \cdot 32833 \cdot 16107571$ | $2^{14} \cdot 32833 \cdot 16131449$ | $2^{14} \cdot 32833 \cdot 16142891$ |
| $2^{14} \cdot 32833 \cdot 16152841$ | $2^{14} \cdot 32833 \cdot 16171247$ | $2^{14} \cdot 32833 \cdot 16175227$ | $2^{14} \cdot 32833 \cdot 16180699$ |
| $2^{14} \cdot 32833 \cdot 16182191$ | $2^{14} \cdot 32833 \cdot 16182689$ | $2^{14} \cdot 32833 \cdot 16204577$ | $2^{14} \cdot 32833 \cdot 16210547$ |
| $2^{14} \cdot 32833 \cdot 16216019$ | $2^{14} \cdot 32833 \cdot 16225969$ | $2^{14} \cdot 32833 \cdot 16227461$ | $2^{14} \cdot 32833 \cdot 16231441$ |
| $2^{14} \cdot 32833 \cdot 16233431$ | $2^{14} \cdot 32833 \cdot 16238903$ | $2^{14} \cdot 32833 \cdot 16249847$ | $2^{14} \cdot 32833 \cdot 16259797$ |
| $2^{14} \cdot 32833 \cdot 16260791$ | $2^{14} \cdot 32833 \cdot 16264771$ | $2^{14} \cdot 32833 \cdot 16265269$ | $2^{14} \cdot 32833 \cdot 16276213$ |
| $2^{14} \cdot 32833 \cdot 16287157$ | $2^{14} \cdot 32833 \cdot 16295117$ | $2^{14} \cdot 32839 \cdot 14745167$ | $2^{14} \cdot 32839 \cdot 14745623$ |
| $2^{14} \cdot 32839 \cdot 14747903$ | $2^{14} \cdot 32839 \cdot 14756113$ | $2^{14} \cdot 32839 \cdot 14757481$ | $2^{14} \cdot 32839 \cdot 14776637$ |
| $2^{14} \cdot 32839 \cdot 14784391$ | $2^{14} \cdot 32839 \cdot 14786671$ | $2^{14} \cdot 32839 \cdot 14804003$ | $2^{14} \cdot 32839 \cdot 14812669$ |
| $2^{14} \cdot 32839 \cdot 14830457$ | $2^{14} \cdot 32839 \cdot 14830913$ | $2^{14} \cdot 32839 \cdot 14832281$ | $2^{14} \cdot 32839 \cdot 14833649$ |
| $2^{14} \cdot 32839 \cdot 14839579$ | $2^{14} \cdot 32839 \cdot 14842771$ | $2^{14} \cdot 32839 \cdot 14858279$ | $2^{14} \cdot 32839 \cdot 14860103$ |
| $2^{14} \cdot 32839 \cdot 14869681$ | $2^{14} \cdot 32839 \cdot 14870593$ | $2^{14} \cdot 32839 \cdot 14916659$ | $2^{14} \cdot 32839 \cdot 14943113$ |
| $2^{14} \cdot 32839 \cdot 14944481$ | $2^{14} \cdot 32843 \cdot 13988957$ | $2^{14} \cdot 32843 \cdot 13989389$ | $2^{14} \cdot 32843 \cdot 13990253$ |
| $2^{14} \cdot 32843 \cdot 13995439$ | $2^{14} \cdot 32843 \cdot 13995871$ | $2^{14} \cdot 32843 \cdot 14007971$ | $2^{14} \cdot 32843 \cdot 14013157$ |
| $2^{14} \cdot 32843 \cdot 14025689$ | $2^{14} \cdot 32843 \cdot 14031739$ | $2^{14} \cdot 32843 \cdot 14042111$ | $2^{14} \cdot 32843 \cdot 14043839$ |
| $2^{14} \cdot 32843 \cdot 14048161$ | $2^{14} \cdot 32843 \cdot 14049457$ | $2^{14} \cdot 32843 \cdot 14060693$ | $2^{14} \cdot 32843 \cdot 14061557$ |
| $2^{14} \cdot 32843 \cdot 14062421$ | $2^{14} \cdot 32843 \cdot 14065879$ | $2^{14} \cdot 32843 \cdot 14077979$ | $2^{14} \cdot 32843 \cdot 14078843$ |
| $2^{14} \cdot 32843 \cdot 14080571$ | $2^{14} \cdot 32843 \cdot 14084029$ | $2^{14} \cdot 32843 \cdot 14086621$ | $2^{14} \cdot 32843 \cdot 14103043$ |
| $2^{14} \cdot 32843 \cdot 14103907$ | $2^{14} \cdot 32843 \cdot 14120329$ | $2^{14} \cdot 32843 \cdot 14122057$ | $2^{14} \cdot 32843 \cdot 14132429$ |
| $2^{14} \cdot 32843 \cdot 14138479$ | $2^{14} \cdot 32843 \cdot 14139343$ | $2^{14} \cdot 32843 \cdot 14151443$ | $2^{14} \cdot 32869 \cdot 10457497$ |
| $2^{14} \cdot 32869 \cdot 10469743$ | $2^{14} \cdot 32869 \cdot 10470709$ | $2^{14} \cdot 32869 \cdot 10472321$ | $2^{14} \cdot 32869 \cdot 10480699$ |
| $2^{14} \cdot 32869 \cdot 10481021$ | $2^{14} \cdot 32869 \cdot 10488433$ | $2^{14} \cdot 32869 \cdot 10506479$ | $2^{14} \cdot 32869 \cdot 10509701$ |
| $2^{14} \cdot 32869 \cdot 10511957$ | $2^{14} \cdot 32869 \cdot 10522913$ | $2^{14} \cdot 32869 \cdot 10530647$ | $2^{14} \cdot 32869 \cdot 10532581$ |
| $2^{14} \cdot 32869 \cdot 10532903$ | $2^{14} \cdot 32869 \cdot 10535803$ | $2^{14} \cdot 32869 \cdot 10540637$ | $2^{14} \cdot 32869 \cdot 10541603$ |
| $2^{14} \cdot 32869 \cdot 10546759$ | $2^{14} \cdot 32887 \cdot 8906347$ | $2^{14} \cdot 32887 \cdot 8907169$ | $2^{14} \cdot 32887 \cdot 8907443$ |
| $2^{14} \cdot 32887 \cdot 8913199$ | $2^{14} \cdot 32887 \cdot 8913473$ | $2^{14} \cdot 32887 \cdot 8916487$ | $2^{14} \cdot 32887 \cdot 8922791$ |
| $2^{14} \cdot 32887 \cdot 8923339$ | $2^{14} \cdot 32887 \cdot 8923613$ | $2^{14} \cdot 32887 \cdot 8926079$ | $2^{14} \cdot 32887 \cdot 8931287$ |
| $2^{14} \cdot 32887 \cdot 8934301$ | $2^{14} \cdot 32887 \cdot 8935397$ | $2^{14} \cdot 32887 \cdot 8959789$ | $2^{14} \cdot 32887 \cdot 8961707$ |
| $2^{14} \cdot 32887 \cdot 8962529$ | $2^{14} \cdot 32887 \cdot 8963351$ | $2^{14} \cdot 32887 \cdot 8972669$ | $2^{14} \cdot 32887 \cdot 8978699$ |
| $2^{14} \cdot 32909 \cdot 7543577$ | $2^{14} \cdot 32909 \cdot 7547053$ | $2^{14} \cdot 32909 \cdot 7548907$ | $2^{14} \cdot 32909 \cdot 7556323$ |
| $2^{14} \cdot 32909 \cdot 7563971$ | $2^{14} \cdot 32909 \cdot 7567447$ | $2^{14} \cdot 32909 \cdot 7569533$ | $2^{14} \cdot 32909 \cdot 7569997$ |
| $2^{14} \cdot 32909 \cdot 7571387$ | $2^{14} \cdot 32909 \cdot 7573009$ | $2^{14} \cdot 32909 \cdot 7575559$ | $2^{14} \cdot 32909 \cdot 7576949$ |
| $2^{14} \cdot 32909 \cdot 7578803$ | $2^{14} \cdot 32909 \cdot 7582511$ | $2^{14} \cdot 32909 \cdot 7584133$ | $2^{14} \cdot 32909 \cdot 7586219$ |
| $2^{14} \cdot 32909 \cdot 7588073$ | $2^{14} \cdot 32909 \cdot 7590623$ | $2^{14} \cdot 32909 \cdot 7592477$ | $2^{14} \cdot 32911 \cdot 7440857$ |
| $2^{14} \cdot 32911 \cdot 7441771$ | $2^{14} \cdot 32911 \cdot 7441999$ | $2^{14} \cdot 32911 \cdot 7449313$ | $2^{14} \cdot 32911 \cdot 7458683$ |
| $2^{14} \cdot 32911 \cdot 7471939$ | $2^{14} \cdot 32911 \cdot 7473311$ | $2^{14} \cdot 32911 \cdot 7476739$ | $2^{14} \cdot 32911 \cdot 7478567$ |
| $2^{14} \cdot 32911 \cdot 7480853$ | $2^{14} \cdot 32917 \cdot 7145183$ | $2^{14} \cdot 32917 \cdot 7146719$ | $2^{14} \cdot 32917 \cdot 7147597$ |
| $2^{14} \cdot 32917 \cdot 7151327$ | $2^{14} \cdot 32917 \cdot 7153961$ | $2^{14} \cdot 32917 \cdot 7154839$ | $2^{14} \cdot 32917 \cdot 7160983$ |
| $2^{14} \cdot 32917 \cdot 7166689$ | $2^{14} \cdot 32917 \cdot 7170419$ | $2^{14} \cdot 32917 \cdot 7174369$ | $2^{14} \cdot 32917 \cdot 7174589$ |

Table 28. All primitive weird numbers of form $2^{14} pq$. (Part 7)

| | | | |
|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| $2^{14} \cdot 32917 \cdot 7177661$ | $2^{14} \cdot 32917 \cdot 7181611$ | $2^{14} \cdot 32917 \cdot 7181831$ | $2^{14} \cdot 32917 \cdot 7187317$ |
| $2^{14} \cdot 32933 \cdot 6462803$ | $2^{14} \cdot 32933 \cdot 6465581$ | $2^{14} \cdot 32933 \cdot 7465779$ | $2^{14} \cdot 32933 \cdot 6466771$ |
| $2^{14} \cdot 32933 \cdot 6466969$ | $2^{14} \cdot 32933 \cdot 6472723$ | $2^{14} \cdot 32933 \cdot 6475103$ | $2^{14} \cdot 32933 \cdot 6475897$ |
| $2^{14} \cdot 32933 \cdot 6477683$ | $2^{14} \cdot 32933 \cdot 6483833$ | $2^{14} \cdot 32933 \cdot 6484031$ | $2^{14} \cdot 32933 \cdot 6489983$ |
| $2^{14} \cdot 32933 \cdot 6499307$ | $2^{14} \cdot 32933 \cdot 6500101$ | $2^{14} \cdot 32939 \cdot 6240791$ | $2^{14} \cdot 32939 \cdot 6244621$ |
| $2^{14} \cdot 32939 \cdot 6245387$ | $2^{14} \cdot 32939 \cdot 6249409$ | $2^{14} \cdot 32939 \cdot 6253813$ | $2^{14} \cdot 32939 \cdot 6254579$ |
| $2^{14} \cdot 32939 \cdot 6254771$ | $2^{14} \cdot 32939 \cdot 6258793$ | $2^{14} \cdot 32939 \cdot 6259367$ | $2^{14} \cdot 32939 \cdot 6263963$ |
| $2^{14} \cdot 32939 \cdot 6266453$ | $2^{14} \cdot 32939 \cdot 6268751$ | $2^{14} \cdot 32939 \cdot 6270857$ | $2^{14} \cdot 32939 \cdot 6271049$ |
| $2^{14} \cdot 32939 \cdot 6274687$ | $2^{14} \cdot 32941 \cdot 6169811$ | $2^{14} \cdot 32941 \cdot 6170947$ | $2^{14} \cdot 32941 \cdot 6176437$ |
| $2^{14} \cdot 32941 \cdot 6179087$ | $2^{14} \cdot 32941 \cdot 6180413$ | $2^{14} \cdot 32941 \cdot 6185713$ | $2^{14} \cdot 32941 \cdot 6187039$ |
| $2^{14} \cdot 32941 \cdot 6187607$ | $2^{14} \cdot 32941 \cdot 6198019$ | $2^{14} \cdot 32941 \cdot 6198587$ | $2^{14} \cdot 32941 \cdot 6202373$ |
| $2^{14} \cdot 32957 \cdot 5655941$ | $2^{14} \cdot 32957 \cdot 5657329$ | $2^{14} \cdot 32957 \cdot 5659063$ | $2^{14} \cdot 32957 \cdot 5659237$ |
| $2^{14} \cdot 32957 \cdot 5659931$ | $2^{14} \cdot 32957 \cdot 5660971$ | $2^{14} \cdot 32957 \cdot 5661839$ | $2^{14} \cdot 32957 \cdot 5673287$ |
| $2^{14} \cdot 32969 \cdot 5322371$ | $2^{14} \cdot 32969 \cdot 5323187$ | $2^{14} \cdot 32969 \cdot 5331511$ | $2^{14} \cdot 32969 \cdot 5333959$ |
| $2^{14} \cdot 32969 \cdot 5335591$ | $2^{14} \cdot 32969 \cdot 5340161$ | $2^{14} \cdot 32969 \cdot 5343589$ | $2^{14} \cdot 32969 \cdot 5346037$ |
| $2^{14} \cdot 32969 \cdot 5347669$ | $2^{14} \cdot 32971 \cdot 5271157$ | $2^{14} \cdot 32971 \cdot 5271319$ | $2^{14} \cdot 32971 \cdot 5271481$ |
| $2^{14} \cdot 32971 \cdot 5273743$ | $2^{14} \cdot 32971 \cdot 5274067$ | $2^{14} \cdot 32971 \cdot 5274551$ | $2^{14} \cdot 32971 \cdot 5274713$ |
| $2^{14} \cdot 32971 \cdot 5276329$ | $2^{14} \cdot 32971 \cdot 5281663$ | $2^{14} \cdot 32971 \cdot 5282633$ | $2^{14} \cdot 32971 \cdot 5284087$ |
| $2^{14} \cdot 32971 \cdot 5285057$ | $2^{14} \cdot 32971 \cdot 5290067$ | $2^{14} \cdot 32971 \cdot 5292653$ | $2^{14} \cdot 32971 \cdot 5295239$ |
| $2^{14} \cdot 32983 \cdot 4981349$ | $2^{14} \cdot 32983 \cdot 4981807$ | $2^{14} \cdot 32983 \cdot 4987457$ | $2^{14} \cdot 32983 \cdot 4988831$ |
| $2^{14} \cdot 32983 \cdot 4996619$ | $2^{14} \cdot 32983 \cdot 4997687$ | $2^{14} \cdot 32983 \cdot 5000741$ | $2^{14} \cdot 32987 \cdot 4898119$ |
| $2^{14} \cdot 32987 \cdot 4898269$ | $2^{14} \cdot 32987 \cdot 4899019$ | $2^{14} \cdot 32987 \cdot 4899619$ | $2^{14} \cdot 32987 \cdot 4902467$ |
| $2^{14} \cdot 32987 \cdot 4902767$ | $2^{14} \cdot 32987 \cdot 4902917$ | $2^{14} \cdot 32987 \cdot 4913113$ | $2^{14} \cdot 32993 \cdot 4751137$ |
| $2^{14} \cdot 32993 \cdot 4774349$ | $2^{14} \cdot 32993 \cdot 4775371$ | $2^{14} \cdot 32993 \cdot 4775809$ | $2^{14} \cdot 32993 \cdot 4776539$ |
| $2^{14} \cdot 32993 \cdot 4776977$ | $2^{14} \cdot 32993 \cdot 4778437$ | $2^{14} \cdot 32993 \cdot 4778729$ | $2^{14} \cdot 32993 \cdot 4781941$ |
| $2^{14} \cdot 32993 \cdot 4782671$ | $2^{14} \cdot 32993 \cdot 4783109$ | $2^{14} \cdot 32999 \cdot 4648307$ | $2^{14} \cdot 32999 \cdot 4648591$ |
| $2^{14} \cdot 32999 \cdot 4649303$ | $2^{14} \cdot 32999 \cdot 4649587$ | $2^{14} \cdot 32999 \cdot 4651721$ | $2^{14} \cdot 32999 \cdot 4655419$ |
| $2^{14} \cdot 32999 \cdot 4655561$ | $2^{14} \cdot 32999 \cdot 4656983$ | $2^{14} \cdot 33013 \cdot 4381469$ | $2^{14} \cdot 33013 \cdot 4384153$ |
| $2^{14} \cdot 33013 \cdot 4385629$ | $2^{14} \cdot 33013 \cdot 4385897$ | $2^{14} \cdot 33013 \cdot 4386971$ | $2^{14} \cdot 33013 \cdot 4388179$ |
| $2^{14} \cdot 33013 \cdot 4389521$ | $2^{14} \cdot 33013 \cdot 4391131$ | $2^{14} \cdot 33013 \cdot 4391399$ | $2^{14} \cdot 33013 \cdot 4392473$ |
| $2^{14} \cdot 33013 \cdot 4396633$ | $2^{14} \cdot 33023 \cdot 4210819$ | $2^{14} \cdot 33023 \cdot 4211593$ | $2^{14} \cdot 33023 \cdot 4212367$ |
| $2^{14} \cdot 33023 \cdot 4212883$ | $2^{14} \cdot 33023 \cdot 4213141$ | $2^{14} \cdot 33023 \cdot 4214173$ | $2^{14} \cdot 33023 \cdot 4215979$ |
| $2^{14} \cdot 33023 \cdot 4216237$ | $2^{14} \cdot 33023 \cdot 4216753$ | $2^{14} \cdot 33023 \cdot 4217011$ | $2^{14} \cdot 33023 \cdot 4219333$ |
| $2^{14} \cdot 33023 \cdot 4219849$ | $2^{14} \cdot 33023 \cdot 4221913$ | $2^{14} \cdot 33023 \cdot 4223977$ | $2^{14} \cdot 33023 \cdot 4225783$ |
| $2^{14} \cdot 33029 \cdot 4117279$ | $2^{14} \cdot 33029 \cdot 4117657$ | $2^{14} \cdot 33029 \cdot 4117783$ | $2^{14} \cdot 33029 \cdot 4117909$ |
| $2^{14} \cdot 33029 \cdot 4118161$ | $2^{14} \cdot 33029 \cdot 4118287$ | $2^{14} \cdot 33029 \cdot 4125347$ | $2^{14} \cdot 33029 \cdot 4125851$ |
| $2^{14} \cdot 33029 \cdot 4126481$ | $2^{14} \cdot 33029 \cdot 4126607$ | $2^{14} \cdot 33029 \cdot 4128877$ | $2^{14} \cdot 33029 \cdot 4129003$ |
| $2^{14} \cdot 33029 \cdot 4129129$ | $2^{14} \cdot 33029 \cdot 4129381$ | $2^{14} \cdot 33029 \cdot 4129507$ | $2^{14} \cdot 33029 \cdot 4129633$ |
| $2^{14} \cdot 33029 \cdot 4130389$ | $2^{14} \cdot 33037 \cdot 3995029$ | $2^{14} \cdot 33037 \cdot 3996131$ | $2^{14} \cdot 33037 \cdot 3998333$ |
| $2^{14} \cdot 33037 \cdot 3999067$ | $2^{14} \cdot 33037 \cdot 4000291$ | $2^{14} \cdot 33037 \cdot 4001147$ | $2^{14} \cdot 33037 \cdot 4002983$ |
| $2^{14} \cdot 33037 \cdot 4003717$ | $2^{14} \cdot 33037 \cdot 4005307$ | $2^{14} \cdot 33037 \cdot 4007021$ | $2^{14} \cdot 33037 \cdot 4007999$ |
| $2^{14} \cdot 33049 \cdot 3826769$ | $2^{14} \cdot 33049 \cdot 3827003$ | $2^{14} \cdot 33049 \cdot 3831691$ | $2^{14} \cdot 33049 \cdot 3835441$ |

Table 29. All primitive weird numbers of form $2^{14} pq$. (Part 8)

| | | | |
|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| $2^{14} \cdot 33049 \cdot 3836731$ | $2^{14} \cdot 33049 \cdot 3837199$ | $2^{14} \cdot 33049 \cdot 3839309$ | $2^{14} \cdot 33053 \cdot 3777749$ |
| $2^{14} \cdot 33053 \cdot 3779021$ | $2^{14} \cdot 33053 \cdot 3780061$ | $2^{14} \cdot 33053 \cdot 3780407$ | $2^{14} \cdot 33053 \cdot 3782257$ |
| $2^{14} \cdot 33053 \cdot 3783181$ | $2^{14} \cdot 33053 \cdot 3785261$ | $2^{14} \cdot 33053 \cdot 3786533$ | $2^{14} \cdot 33071 \cdot 3555241$ |
| $2^{14} \cdot 33071 \cdot 3556981$ | $2^{14} \cdot 33071 \cdot 3558613$ | $2^{14} \cdot 33071 \cdot 3560027$ | $2^{14} \cdot 33071 \cdot 3560789$ |
| $2^{14} \cdot 33071 \cdot 3561659$ | $2^{14} \cdot 33071 \cdot 3562529$ | $2^{14} \cdot 33071 \cdot 3563291$ | $2^{14} \cdot 33073 \cdot 3530921$ |
| $2^{14} \cdot 33073 \cdot 3531569$ | $2^{14} \cdot 33073 \cdot 3531677$ | $2^{14} \cdot 33073 \cdot 3533731$ | $2^{14} \cdot 33073 \cdot 3533839$ |
| $2^{14} \cdot 33073 \cdot 3534379$ | $2^{14} \cdot 33073 \cdot 3538919$ | $2^{14} \cdot 33073 \cdot 3539027$ | $2^{14} \cdot 33083 \cdot 3423881$ |
| $2^{14} \cdot 33083 \cdot 3424613$ | $2^{14} \cdot 33083 \cdot 3427859$ | $2^{14} \cdot 33083 \cdot 3428801$ | $2^{14} \cdot 33091 \cdot 3338003$ |
| $2^{14} \cdot 33091 \cdot 3339229$ | $2^{14} \cdot 33091 \cdot 3339331$ | $2^{14} \cdot 33091 \cdot 3342293$ | $2^{14} \cdot 33107 \cdot 3181777$ |
| $2^{14} \cdot 33107 \cdot 3182653$ | $2^{14} \cdot 33107 \cdot 3183043$ | $2^{14} \cdot 33107 \cdot 3185867$ | $2^{14} \cdot 33107 \cdot 3186061$ |
| $2^{14} \cdot 33107 \cdot 3186451$ | $2^{14} \cdot 33107 \cdot 3190151$ | $2^{14} \cdot 33113 \cdot 3128891$ | $2^{14} \cdot 33113 \cdot 3128987$ |
| $2^{14} \cdot 33113 \cdot 3130901$ | $2^{14} \cdot 33113 \cdot 3134633$ | $2^{14} \cdot 33113 \cdot 3135877$ | $2^{14} \cdot 33119 \cdot 3076397$ |
| $2^{14} \cdot 33119 \cdot 3076679$ | $2^{14} \cdot 33119 \cdot 3078373$ | $2^{14} \cdot 33119 \cdot 3078749$ | $2^{14} \cdot 33119 \cdot 3080443$ |
| $2^{14} \cdot 33119 \cdot 3081007$ | $2^{14} \cdot 33119 \cdot 3082231$ | $2^{14} \cdot 33119 \cdot 3082889$ | $2^{14} \cdot 33149 \cdot 2837363$ |
| $2^{14} \cdot 33149 \cdot 2839099$ | $2^{14} \cdot 33149 \cdot 2842223$ | $2^{14} \cdot 33149 \cdot 2842309$ | $2^{14} \cdot 33149 \cdot 2843177$ |
| $2^{14} \cdot 33151 \cdot 2822669$ | $2^{14} \cdot 33151 \cdot 2823101$ | $2^{14} \cdot 33151 \cdot 2823791$ | $2^{14} \cdot 33151 \cdot 2825777$ |
| $2^{14} \cdot 33151 \cdot 2825863$ | $2^{14} \cdot 33151 \cdot 2826727$ | $2^{14} \cdot 33151 \cdot 2826899$ | $2^{14} \cdot 33151 \cdot 2828281$ |
| $2^{14} \cdot 33151 \cdot 2828453$ | $2^{14} \cdot 33161 \cdot 2751689$ | $2^{14} \cdot 33161 \cdot 2752447$ | $2^{14} \cdot 33161 \cdot 2752531$ |
| $2^{14} \cdot 33161 \cdot 2754467$ | $2^{14} \cdot 33161 \cdot 2754551$ | $2^{14} \cdot 33161 \cdot 2754803$ | $2^{14} \cdot 33161 \cdot 2755813$ |
| $2^{14} \cdot 33179 \cdot 2632657$ | $2^{14} \cdot 33179 \cdot 2634509$ | $2^{14} \cdot 33179 \cdot 2636119$ | $2^{14} \cdot 33181 \cdot 2620417$ |
| $2^{14} \cdot 33181 \cdot 2620577$ | $2^{14} \cdot 33181 \cdot 2621459$ | $2^{14} \cdot 33181 \cdot 2621699$ | $2^{14} \cdot 33181 \cdot 2621779$ |
| $2^{14} \cdot 33181 \cdot 2622821$ | $2^{14} \cdot 33181 \cdot 2623783$ | $2^{14} \cdot 33181 \cdot 2625947$ | $2^{14} \cdot 33181 \cdot 2626027$ |
| $2^{14} \cdot 33191 \cdot 2555863$ | $2^{14} \cdot 33191 \cdot 2559229$ | $2^{14} \cdot 33191 \cdot 2560247$ | $2^{14} \cdot 33191 \cdot 2561969$ |
| $2^{14} \cdot 33191 \cdot 2562517$ | $2^{14} \cdot 33199 \cdot 2514977$ | $2^{14} \cdot 33199 \cdot 2517283$ | $2^{14} \cdot 33199 \cdot 2517821$ |
| $2^{14} \cdot 33203 \cdot 2490377$ | $2^{14} \cdot 33203 \cdot 2490529$ | $2^{14} \cdot 33203 \cdot 2491519$ | $2^{14} \cdot 33203 \cdot 2492509$ |
| $2^{14} \cdot 33203 \cdot 2493347$ | $2^{14} \cdot 33203 \cdot 2494489$ | $2^{14} \cdot 33211 \cdot 2445571$ | $2^{14} \cdot 33211 \cdot 2446319$ |
| $2^{14} \cdot 33211 \cdot 2446693$ | $2^{14} \cdot 33211 \cdot 2448937$ | $2^{14} \cdot 33211 \cdot 2450807$ | $2^{14} \cdot 33223 \cdot 2382511$ |
| $2^{14} \cdot 33223 \cdot 2382803$ | $2^{14} \cdot 33223 \cdot 2383313$ | $2^{14} \cdot 33223 \cdot 2384843$ | $2^{14} \cdot 33223 \cdot 2385571$ |
| $2^{14} \cdot 33223 \cdot 2385863$ | $2^{14} \cdot 33223 \cdot 2386591$ | $2^{14} \cdot 33223 \cdot 2386883$ | $2^{14} \cdot 33247 \cdot 2266129$ |
| $2^{14} \cdot 33247 \cdot 2266267$ | $2^{14} \cdot 33247 \cdot 2266337$ | $2^{14} \cdot 33247 \cdot 2267029$ | $2^{14} \cdot 33247 \cdot 2267653$ |
| $2^{14} \cdot 33247 \cdot 2267791$ | $2^{14} \cdot 33287 \cdot 2097401$ | $2^{14} \cdot 33289 \cdot 2085983$ | $2^{14} \cdot 33289 \cdot 2086493$ |
| $2^{14} \cdot 33289 \cdot 2086939$ | $2^{14} \cdot 33289 \cdot 2088661$ | $2^{14} \cdot 33301 \cdot 2040029$ | $2^{14} \cdot 33301 \cdot 2040403$ |
| $2^{14} \cdot 33301 \cdot 2041027$ | $2^{14} \cdot 33301 \cdot 2042149$ | $2^{14} \cdot 33311 \cdot 2002823$ | $2^{14} \cdot 33311 \cdot 2003191$ |
| $2^{14} \cdot 33311 \cdot 2003497$ | $2^{14} \cdot 33311 \cdot 2003681$ | $2^{14} \cdot 33311 \cdot 2003803$ | $2^{14} \cdot 33311 \cdot 2004109$ |
| $2^{14} \cdot 33311 \cdot 2004293$ | $2^{14} \cdot 33311 \cdot 2005579$ | $2^{14} \cdot 33311 \cdot 2005763$ | $2^{14} \cdot 33317 \cdot 1981513$ |
| $2^{14} \cdot 33317 \cdot 1983997$ | $2^{14} \cdot 33317 \cdot 1984057$ | $2^{14} \cdot 33329 \cdot 1939901$ | $2^{14} \cdot 33329 \cdot 1939961$ |
| $2^{14} \cdot 33329 \cdot 1941503$ | $2^{14} \cdot 33329 \cdot 1941799$ | $2^{14} \cdot 33331 \cdot 1935443$ | $2^{14} \cdot 33343 \cdot 1895051$ |
| $2^{14} \cdot 33343 \cdot 1895167$ | $2^{14} \cdot 33343 \cdot 1896151$ | $2^{14} \cdot 33347 \cdot 1881403$ | $2^{14} \cdot 33347 \cdot 1881863$ |
| $2^{14} \cdot 33349 \cdot 1867429$ | $2^{14} \cdot 33349 \cdot 1867601$ | $2^{14} \cdot 33349 \cdot 1874993$ | $2^{14} \cdot 33349 \cdot 1875451$ |
| $2^{14} \cdot 33349 \cdot 1876081$ | $2^{14} \cdot 33349 \cdot 1876597$ | $2^{14} \cdot 33349 \cdot 1877399$ | $2^{14} \cdot 33353 \cdot 1862417$ |
| $2^{14} \cdot 33353 \cdot 1863157$ | $2^{14} \cdot 33353 \cdot 1863271$ | $2^{14} \cdot 33353 \cdot 1863613$ | $2^{14} \cdot 33353 \cdot 1864979$ |
| $2^{14} \cdot 33359 \cdot 1843591$ | $2^{14} \cdot 33359 \cdot 1844099$ | $2^{14} \cdot 33377 \cdot 1790539$ | $2^{14} \cdot 33377 \cdot 1791961$ |

Table 30. All primitive weird numbers of form $2^{14} pq$. (Part 9)

| | | | |
|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| $2^{14} \cdot 33377 \cdot 1792673$ | $2^{14} \cdot 33391 \cdot 1750673$ | $2^{14} \cdot 33391 \cdot 1751047$ | $2^{14} \cdot 33391 \cdot 1751689$ |
| $2^{14} \cdot 33391 \cdot 1752599$ | $2^{14} \cdot 33403 \cdot 1718573$ | $2^{14} \cdot 33403 \cdot 1720307$ | $2^{14} \cdot 33403 \cdot 1720517$ |
| $2^{14} \cdot 33403 \cdot 1720937$ | $2^{14} \cdot 33409 \cdot 1703963$ | $2^{14} \cdot 33409 \cdot 1704067$ | $2^{14} \cdot 33409 \cdot 1704119$ |
| $2^{14} \cdot 33409 \cdot 1704431$ | $2^{14} \cdot 33409 \cdot 1704587$ | $2^{14} \cdot 33409 \cdot 1704847$ | $2^{14} \cdot 33413 \cdot 1692683$ |
| $2^{14} \cdot 33413 \cdot 1692839$ | $2^{14} \cdot 33413 \cdot 1693201$ | $2^{14} \cdot 33413 \cdot 1693511$ | $2^{14} \cdot 33413 \cdot 1694701$ |
| $2^{14} \cdot 33427 \cdot 1658029$ | $2^{14} \cdot 33427 \cdot 1658941$ | $2^{14} \cdot 33457 \cdot 1587413$ | $2^{14} \cdot 33457 \cdot 1588043$ |
| $2^{14} \cdot 33457 \cdot 1588189$ | $2^{14} \cdot 33457 \cdot 1588577$ | $2^{14} \cdot 33457 \cdot 1588819$ | $2^{14} \cdot 33461 \cdot 1577729$ |
| $2^{14} \cdot 33461 \cdot 1579031$ | $2^{14} \cdot 33461 \cdot 1579561$ | $2^{14} \cdot 33461 \cdot 1579609$ | $2^{14} \cdot 33469 \cdot 1560217$ |
| $2^{14} \cdot 33469 \cdot 1560313$ | $2^{14} \cdot 33469 \cdot 1561123$ | $2^{14} \cdot 33469 \cdot 1561457$ | $2^{14} \cdot 33479 \cdot 1539281$ |
| $2^{14} \cdot 33479 \cdot 1539563$ | $2^{14} \cdot 33487 \cdot 1521937$ | $2^{14} \cdot 33487 \cdot 1522681$ | $2^{14} \cdot 33487 \cdot 1523891$ |
| $2^{14} \cdot 33493 \cdot 1507369$ | $2^{14} \cdot 33493 \cdot 1509953$ | $2^{14} \cdot 33493 \cdot 1510921$ | $2^{14} \cdot 33493 \cdot 1510967$ |
| $2^{14} \cdot 33493 \cdot 1511429$ | $2^{14} \cdot 33503 \cdot 1474177$ | $2^{14} \cdot 33503 \cdot 1489973$ | $2^{14} \cdot 33503 \cdot 1490701$ |
| $2^{14} \cdot 33503 \cdot 1491247$ | $2^{14} \cdot 33521 \cdot 1455007$ | $2^{14} \cdot 33521 \cdot 1455673$ | $2^{14} \cdot 33533 \cdot 1432813$ |
| $2^{14} \cdot 33533 \cdot 1433119$ | $2^{14} \cdot 33533 \cdot 1433207$ | $2^{14} \cdot 33533 \cdot 1433251$ | $2^{14} \cdot 33533 \cdot 1433513$ |
| $2^{14} \cdot 33547 \cdot 1408027$ | $2^{14} \cdot 33547 \cdot 1409017$ | $2^{14} \cdot 33563 \cdot 1380341$ | $2^{14} \cdot 33563 \cdot 1380721$ |
| $2^{14} \cdot 33563 \cdot 1380763$ | $2^{14} \cdot 33563 \cdot 1380889$ | $2^{14} \cdot 33563 \cdot 1380931$ | $2^{14} \cdot 33569 \cdot 1369883$ |
| $2^{14} \cdot 33569 \cdot 1371389$ | $2^{14} \cdot 33569 \cdot 1371431$ | $2^{14} \cdot 33577 \cdot 1357091$ | $2^{14} \cdot 33577 \cdot 1357547$ |
| $2^{14} \cdot 33577 \cdot 1358251$ | $2^{14} \cdot 33581 \cdot 1351037$ | $2^{14} \cdot 33581 \cdot 1351243$ | $2^{14} \cdot 33581 \cdot 1351697$ |
| $2^{14} \cdot 33587 \cdot 1340653$ | $2^{14} \cdot 33587 \cdot 1340981$ | $2^{14} \cdot 33587 \cdot 1341677$ | $2^{14} \cdot 33587 \cdot 1341841$ |
| $2^{14} \cdot 33587 \cdot 1342087$ | $2^{14} \cdot 33589 \cdot 1337389$ | $2^{14} \cdot 33589 \cdot 1338247$ | $2^{14} \cdot 33599 \cdot 1321951$ |
| $2^{14} \cdot 33599 \cdot 1322597$ | $2^{14} \cdot 33599 \cdot 1323001$ | $2^{14} \cdot 33599 \cdot 1323041$ | $2^{14} \cdot 33601 \cdot 1318859$ |
| $2^{14} \cdot 33613 \cdot 1300457$ | $2^{14} \cdot 33613 \cdot 1301887$ | $2^{14} \cdot 33617 \cdot 1294649$ | $2^{14} \cdot 33617 \cdot 1294729$ |
| $2^{14} \cdot 33617 \cdot 1295243$ | $2^{14} \cdot 33617 \cdot 1295717$ | $2^{14} \cdot 33619 \cdot 1291963$ | $2^{14} \cdot 33619 \cdot 1292713$ |
| $2^{14} \cdot 33623 \cdot 1277791$ | $2^{14} \cdot 33623 \cdot 1286119$ | $2^{14} \cdot 33623 \cdot 1286629$ | $2^{14} \cdot 33623 \cdot 1286983$ |
| $2^{14} \cdot 33623 \cdot 1287061$ | $2^{14} \cdot 33629 \cdot 1278097$ | $2^{14} \cdot 33629 \cdot 1278253$ | $2^{14} \cdot 33637 \cdot 1265911$ |
| $2^{14} \cdot 33637 \cdot 1266259$ | $2^{14} \cdot 33637 \cdot 1266413$ | $2^{14} \cdot 33637 \cdot 1266491$ | $2^{14} \cdot 33637 \cdot 1266761$ |
| $2^{14} \cdot 33641 \cdot 1260113$ | $2^{14} \cdot 33641 \cdot 1260767$ | $2^{14} \cdot 33647 \cdot 1245091$ | $2^{14} \cdot 33647 \cdot 1252777$ |
| $2^{14} \cdot 33679 \cdot 1209083$ | $2^{14} \cdot 33679 \cdot 1209563$ | $2^{14} \cdot 33703 \cdot 1179641$ | $2^{14} \cdot 33703 \cdot 1179677$ |
| $2^{14} \cdot 33713 \cdot 1166947$ | $2^{14} \cdot 33713 \cdot 1167731$ | $2^{14} \cdot 33721 \cdot 1158037$ | $2^{14} \cdot 33739 \cdot 1113421$ |
| $2^{14} \cdot 33739 \cdot 1137163$ | $2^{14} \cdot 33739 \cdot 1137233$ | $2^{14} \cdot 33739 \cdot 1137337$ | $2^{14} \cdot 33749 \cdot 1113751$ |
| $2^{14} \cdot 33749 \cdot 1125127$ | $2^{14} \cdot 33749 \cdot 1125401$ | $2^{14} \cdot 33749 \cdot 1125539$ | $2^{14} \cdot 33751 \cdot 1122941$ |
| $2^{14} \cdot 33751 \cdot 1123181$ | $2^{14} \cdot 33751 \cdot 1123729$ | $2^{14} \cdot 33751 \cdot 1123867$ | $2^{14} \cdot 33751 \cdot 1123901$ |
| $2^{14} \cdot 33757 \cdot 1114049$ | $2^{14} \cdot 33757 \cdot 1114117$ | $2^{14} \cdot 33773 \cdot 1099771$ | $2^{14} \cdot 33773 \cdot 1100039$ |
| $2^{14} \cdot 33791 \cdot 1080553$ | $2^{14} \cdot 33791 \cdot 1080817$ | $2^{14} \cdot 33791 \cdot 1081279$ | $2^{14} \cdot 33797 \cdot 1075007$ |
| $2^{14} \cdot 33797 \cdot 1075171$ | $2^{14} \cdot 33811 \cdot 1060253$ | $2^{14} \cdot 33811 \cdot 1060739$ | $2^{14} \cdot 33827 \cdot 1044839$ |
| $2^{14} \cdot 33827 \cdot 1045573$ | $2^{14} \cdot 33829 \cdot 1042837$ | $2^{14} \cdot 33829 \cdot 1042901$ | $2^{14} \cdot 33829 \cdot 1042997$ |
| $2^{14} \cdot 33829 \cdot 1043761$ | $2^{14} \cdot 33851 \cdot 1022837$ | $2^{14} \cdot 33851 \cdot 1022899$ | $2^{14} \cdot 33857 \cdot 1015523$ |
| $2^{14} \cdot 33857 \cdot 1016051$ | $2^{14} \cdot 33857 \cdot 1016921$ | $2^{14} \cdot 33857 \cdot 1017449$ | $2^{14} \cdot 33863 \cdot 1011749$ |
| $2^{14} \cdot 33863 \cdot 1012213$ | $2^{14} \cdot 33871 \cdot 1004747$ | $2^{14} \cdot 33871 \cdot 1005269$ | $2^{14} \cdot 33889 \cdot 982841$ |
| $2^{14} \cdot 33889 \cdot 982871$ | $2^{14} \cdot 33889 \cdot 989123$ | $2^{14} \cdot 33893 \cdot 985937$ | $2^{14} \cdot 33893 \cdot 985997$ |
| $2^{14} \cdot 33893 \cdot 986147$ | $2^{14} \cdot 33893 \cdot 986177$ | $2^{14} \cdot 33911 \cdot 970583$ | $2^{14} \cdot 33911 \cdot 970643$ |
| $2^{14} \cdot 33911 \cdot 970909$ | $2^{14} \cdot 33911 \cdot 970939$ | $2^{14} \cdot 33911 \cdot 970969$ | $2^{14} \cdot 33923 \cdot 961141$ |

Table 31. All primitive weird numbers of form $2^{14}pq$. (Part 10)

| | | | |
|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| $2^{14} \cdot 33931 \cdot 954469$ | $2^{14} \cdot 33937 \cdot 949771$ | $2^{14} \cdot 33937 \cdot 950177$ | $2^{14} \cdot 33967 \cdot 927497$ |
| $2^{14} \cdot 33997 \cdot 905011$ | $2^{14} \cdot 33997 \cdot 905453$ | $2^{14} \cdot 34019 \cdot 889901$ | $2^{14} \cdot 34039 \cdot 876263$ |
| $2^{14} \cdot 34039 \cdot 876611$ | $2^{14} \cdot 34057 \cdot 864757$ | $2^{14} \cdot 34061 \cdot 851603$ | $2^{14} \cdot 34061 \cdot 862159$ |
| $2^{14} \cdot 34061 \cdot 862343$ | $2^{14} \cdot 34061 \cdot 862369$ | $2^{14} \cdot 34061 \cdot 862501$ | $2^{14} \cdot 34123 \cdot 824437$ |
| $2^{14} \cdot 34123 \cdot 824513$ | $2^{14} \cdot 34123 \cdot 824563$ | $2^{14} \cdot 34127 \cdot 818897$ | $2^{14} \cdot 34127 \cdot 818947$ |
| $2^{14} \cdot 34127 \cdot 819073$ | $2^{14} \cdot 34127 \cdot 819173$ | $2^{14} \cdot 34127 \cdot 821833$ | $2^{14} \cdot 34129 \cdot 819271$ |
| $2^{14} \cdot 34129 \cdot 820649$ | $2^{14} \cdot 34157 \cdot 804901$ | $2^{14} \cdot 34157 \cdot 805073$ | $2^{14} \cdot 34157 \cdot 805097$ |
| $2^{14} \cdot 34159 \cdot 803669$ | $2^{14} \cdot 34159 \cdot 803963$ | $2^{14} \cdot 34171 \cdot 797201$ | $2^{14} \cdot 34183 \cdot 786329$ |
| $2^{14} \cdot 34183 \cdot 790481$ | $2^{14} \cdot 34183 \cdot 790747$ | $2^{14} \cdot 34183 \cdot 790819$ | $2^{14} \cdot 34183 \cdot 790843$ |
| $2^{14} \cdot 34213 \cdot 774997$ | $2^{14} \cdot 34213 \cdot 775163$ | $2^{14} \cdot 34217 \cdot 772903$ | $2^{14} \cdot 34217 \cdot 773021$ |
| $2^{14} \cdot 34217 \cdot 773209$ | $2^{14} \cdot 34253 \cdot 753427$ | $2^{14} \cdot 34253 \cdot 753589$ | $2^{14} \cdot 34253 \cdot 753773$ |
| $2^{14} \cdot 34253 \cdot 754003$ | $2^{14} \cdot 34253 \cdot 755087$ | $2^{14} \cdot 34259 \cdot 752251$ | $2^{14} \cdot 34261 \cdot 751357$ |
| $2^{14} \cdot 34261 \cdot 751379$ | $2^{14} \cdot 34273 \cdot 745471$ | $2^{14} \cdot 34273 \cdot 745517$ | $2^{14} \cdot 34273 \cdot 745631$ |
| $2^{14} \cdot 34273 \cdot 745699$ | $2^{14} \cdot 34283 \cdot 740951$ | $2^{14} \cdot 34297 \cdot 734381$ | $2^{14} \cdot 34297 \cdot 734471$ |
| $2^{14} \cdot 34301 \cdot 732239$ | $2^{14} \cdot 34301 \cdot 732283$ | $2^{14} \cdot 34301 \cdot 732373$ | $2^{14} \cdot 34313 \cdot 726809$ |
| $2^{14} \cdot 34313 \cdot 727009$ | $2^{14} \cdot 34319 \cdot 724259$ | $2^{14} \cdot 34319 \cdot 724303$ | $2^{14} \cdot 34337 \cdot 716549$ |
| $2^{14} \cdot 34351 \cdot 710441$ | $2^{14} \cdot 34351 \cdot 710527$ | $2^{14} \cdot 34361 \cdot 706297$ | $2^{14} \cdot 34367 \cdot 703471$ |
| $2^{14} \cdot 34369 \cdot 702869$ | $2^{14} \cdot 34381 \cdot 697759$ | $2^{14} \cdot 34381 \cdot 697951$ | $2^{14} \cdot 34381 \cdot 697993$ |
| $2^{14} \cdot 34403 \cdot 688249$ | $2^{14} \cdot 34403 \cdot 688333$ | $2^{14} \cdot 34403 \cdot 688543$ | $2^{14} \cdot 34403 \cdot 688627$ |
| $2^{14} \cdot 34403 \cdot 688669$ | $2^{14} \cdot 34421 \cdot 681677$ | $2^{14} \cdot 34421 \cdot 681781$ | $2^{14} \cdot 34429 \cdot 678533$ |
| $2^{14} \cdot 34429 \cdot 678553$ | $2^{14} \cdot 34429 \cdot 678719$ | $2^{14} \cdot 34439 \cdot 674711$ | $2^{14} \cdot 34469 \cdot 663437$ |
| $2^{14} \cdot 34469 \cdot 663599$ | $2^{14} \cdot 34483 \cdot 655337$ | $2^{14} \cdot 34483 \cdot 655357$ | $2^{14} \cdot 34483 \cdot 658211$ |
| $2^{14} \cdot 34487 \cdot 655273$ | $2^{14} \cdot 34487 \cdot 655373$ | $2^{14} \cdot 34487 \cdot 655453$ | $2^{14} \cdot 34487 \cdot 656917$ |
| $2^{14} \cdot 34487 \cdot 656977$ | $2^{14} \cdot 34499 \cdot 652373$ | $2^{14} \cdot 34499 \cdot 652453$ | $2^{14} \cdot 34499 \cdot 652493$ |
| $2^{14} \cdot 34501 \cdot 651857$ | $2^{14} \cdot 34501 \cdot 651877$ | $2^{14} \cdot 34519 \cdot 645497$ | $2^{14} \cdot 34543 \cdot 636983$ |
| $2^{14} \cdot 34543 \cdot 637003$ | $2^{14} \cdot 34543 \cdot 637139$ | $2^{14} \cdot 34583 \cdot 622513$ | $2^{14} \cdot 34589 \cdot 621937$ |
| $2^{14} \cdot 34589 \cdot 622051$ | $2^{14} \cdot 34591 \cdot 621007$ | $2^{14} \cdot 34591 \cdot 621139$ | $2^{14} \cdot 34603 \cdot 617369$ |
| $2^{14} \cdot 34607 \cdot 616079$ | $2^{14} \cdot 34607 \cdot 616117$ | $2^{14} \cdot 34607 \cdot 616211$ | $2^{14} \cdot 34613 \cdot 614183$ |
| $2^{14} \cdot 34613 \cdot 614333$ | $2^{14} \cdot 34649 \cdot 603209$ | $2^{14} \cdot 34649 \cdot 603227$ | $2^{14} \cdot 34651 \cdot 602401$ |
| $2^{14} \cdot 34651 \cdot 602603$ | $2^{14} \cdot 34667 \cdot 597659$ | $2^{14} \cdot 34667 \cdot 597677$ | $2^{14} \cdot 34667 \cdot 597823$ |
| $2^{14} \cdot 34667 \cdot 597859$ | $2^{14} \cdot 34679 \cdot 594313$ | $2^{14} \cdot 34687 \cdot 589751$ | $2^{14} \cdot 34687 \cdot 589859$ |
| $2^{14} \cdot 34687 \cdot 589877$ | $2^{14} \cdot 34687 \cdot 591901$ | $2^{14} \cdot 34687 \cdot 591937$ | $2^{14} \cdot 34687 \cdot 591973$ |
| $2^{14} \cdot 34693 \cdot 589997$ | $2^{14} \cdot 34693 \cdot 590033$ | $2^{14} \cdot 34693 \cdot 590123$ | $2^{14} \cdot 34693 \cdot 590141$ |
| $2^{14} \cdot 34721 \cdot 582083$ | $2^{14} \cdot 34729 \cdot 579737$ | $2^{14} \cdot 34729 \cdot 579949$ | $2^{14} \cdot 34729 \cdot 579967$ |
| $2^{14} \cdot 34739 \cdot 577033$ | $2^{14} \cdot 34739 \cdot 577069$ | $2^{14} \cdot 34747 \cdot 574799$ | $2^{14} \cdot 34747 \cdot 574817$ |
| $2^{14} \cdot 34747 \cdot 575027$ | $2^{14} \cdot 34757 \cdot 572093$ | $2^{14} \cdot 34759 \cdot 571673$ | $2^{14} \cdot 34763 \cdot 570419$ |
| $2^{14} \cdot 34781 \cdot 565769$ | $2^{14} \cdot 34781 \cdot 565787$ | $2^{14} \cdot 34819 \cdot 555967$ | $2^{14} \cdot 34843 \cdot 549733$ |
| $2^{14} \cdot 34843 \cdot 549767$ | $2^{14} \cdot 34843 \cdot 549817$ | $2^{14} \cdot 34847 \cdot 548957$ | $2^{14} \cdot 34849 \cdot 548227$ |
| $2^{14} \cdot 34849 \cdot 548461$ | $2^{14} \cdot 34871 \cdot 542837$ | $2^{14} \cdot 34871 \cdot 543019$ | $2^{14} \cdot 34877 \cdot 541469$ |
| $2^{14} \cdot 34897 \cdot 536791$ | $2^{14} \cdot 34913 \cdot 532919$ | $2^{14} \cdot 34913 \cdot 532951$ | $2^{14} \cdot 34913 \cdot 533033$ |
| $2^{14} \cdot 34919 \cdot 531589$ | $2^{14} \cdot 34939 \cdot 524261$ | $2^{14} \cdot 34949 \cdot 524347$ | $2^{14} \cdot 34949 \cdot 524411$ |
| $2^{14} \cdot 34949 \cdot 524507$ | $2^{14} \cdot 34949 \cdot 524683$ | $2^{14} \cdot 34949 \cdot 524731$ | $2^{14} \cdot 34949 \cdot 524827$ |

Table 32. All primitive weird numbers of form $2^{14}pq$. (Part 11)

| | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| $2^{14}.34961-521929$ | $2^{14}.34963-521483$ | $2^{14}.34981-517589$ | $2^{14}.35051-502699$ |
| $2^{14}.35053-502441$ | $2^{14}.35059-501013$ | $2^{14}.35059-501043$ | $2^{14}.35059-501089$ |
| $2^{14}.35083-496297$ | $2^{14}.35099-491581$ | $2^{14}.35099-491611$ | $2^{14}.35099-493177$ |
| $2^{14}.35141-484987$ | $2^{14}.35149-483409$ | $2^{14}.35153-482683$ | $2^{14}.35171-479299$ |
| $2^{14}.35171-479387$ | $2^{14}.35201-473723$ | $2^{14}.35201-473839$ | $2^{14}.35221-470201$ |
| $2^{14}.35257-463849$ | $2^{14}.35257-463891$ | $2^{14}.35257-463919$ | $2^{14}.35267-462181$ |
| $2^{14}.35279-458879$ | $2^{14}.35279-458921$ | $2^{14}.35279-460073$ | $2^{14}.35279-460087$ |
| $2^{14}.35279-460157$ | $2^{14}.35279-460171$ | $2^{14}.35281-458807$ | $2^{14}.35281-458849$ |
| $2^{14}.35281-458863$ | $2^{14}.35281-458891$ | $2^{14}.35281-458947$ | $2^{14}.35281-459031$ |
| $2^{14}.35281-459649$ | $2^{14}.35281-459677$ | $2^{14}.35281-459691$ | $2^{14}.35281-459803$ |
| $2^{14}.35281-459817$ | $2^{14}.35291-458027$ | $2^{14}.35291-458069$ | $2^{14}.35323-452689$ |
| $2^{14}.35323-452731$ | $2^{14}.35323-452759$ | $2^{14}.35327-452033$ | $2^{14}.35327-452171$ |
| $2^{14}.35339-450077$ | $2^{14}.35353-447859$ | $2^{14}.35363-446273$ | $2^{14}.35381-443453$ |
| $2^{14}.35381-443467$ | $2^{14}.35393-441563$ | $2^{14}.35401-440281$ | $2^{14}.35423-436999$ |
| $2^{14}.35437-434813$ | $2^{14}.35437-434839$ | $2^{14}.35449-432961$ | $2^{14}.35449-433093$ |
| $2^{14}.35461-431257$ | $2^{14}.35461-431297$ | $2^{14}.35491-426061$ | $2^{14}.35507-424451$ |
| $2^{14}.35509-424243$ | $2^{14}.35521-422537$ | $2^{14}.35521-422563$ | $2^{14}.35521-422627$ |
| $2^{14}.35527-421741$ | $2^{14}.35533-420859$ | $2^{14}.35543-419473$ | $2^{14}.35543-419537$ |
| $2^{14}.35569-415949$ | $2^{14}.35593-412619$ | $2^{14}.35597-412157$ | $2^{14}.35617-409433$ |
| $2^{14}.35617-409483$ | $2^{14}.35671-402379$ | $2^{14}.35677-401629$ | $2^{14}.35729-393187$ |
| $2^{14}.35729-395093$ | $2^{14}.35729-395141$ | $2^{14}.35731-393161$ | $2^{14}.35731-393209$ |
| $2^{14}.35731-393257$ | $2^{14}.35731-394897$ | $2^{14}.35731-394969$ | $2^{14}.35731-394981$ |
| $2^{14}.35731-394993$ | $2^{14}.35747-392569$ | $2^{14}.35747-392593$ | $2^{14}.35747-392629$ |
| $2^{14}.35747-392737$ | $2^{14}.35747-392761$ | $2^{14}.35747-392809$ | $2^{14}.35747-392857$ |
| $2^{14}.35747-392893$ | $2^{14}.35747-392929$ | $2^{14}.35747-393013$ | $2^{14}.35831-383101$ |
| $2^{14}.35831-383113$ | $2^{14}.35831-383171$ | $2^{14}.35837-382463$ | $2^{14}.35839-382189$ |
| $2^{14}.35839-382271$ | $2^{14}.35869-378809$ | $2^{14}.35869-378821$ | $2^{14}.35923-372877$ |
| $2^{14}.35933-371837$ | $2^{14}.35963-368609$ | $2^{14}.35969-368047$ | $2^{14}.35977-367189$ |
| $2^{14}.35983-366599$ | $2^{14}.35999-364879$ | $2^{14}.36013-363491$ | $2^{14}.36037-360821$ |
| $2^{14}.36067-358079$ | $2^{14}.36097-355127$ | $2^{14}.36109-354023$ | $2^{14}.36131-351847$ |
| $2^{14}.36137-351311$ | $2^{14}.36137-351343$ | $2^{14}.36191-346277$ | $2^{14}.36241-341827$ |
| $2^{14}.36251-340909$ | $2^{14}.36251-340919$ | $2^{14}.36263-339799$ | $2^{14}.36263-339841$ |
| $2^{14}.36341-333139$ | $2^{14}.36343-332951$ | $2^{14}.36353-332113$ | $2^{14}.36373-330433$ |
| $2^{14}.36383-329519$ | $2^{14}.36433-325571$ | $2^{14}.36433-325631$ | $2^{14}.36467-322939$ |
| $2^{14}.36469-322783$ | $2^{14}.36479-322001$ | $2^{14}.36527-318299$ | $2^{14}.36527-318319$ |
| $2^{14}.36551-316469$ | $2^{14}.36559-315851$ | $2^{14}.36559-315899$ | $2^{14}.36599-312887$ |
| $2^{14}.36607-312313$ | $2^{14}.36629-310711$ | $2^{14}.36643-309707$ | $2^{14}.36653-309013$ |
| $2^{14}.36691-306347$ | $2^{14}.36713-304831$ | $2^{14}.36721-304253$ | $2^{14}.36739-303013$ |
| $2^{14}.36749-302399$ | $2^{14}.36779-300319$ | $2^{14}.36791-299521$ | $2^{14}.36791-299539$ |
| $2^{14}.36809-298369$ | $2^{14}.36821-297601$ | $2^{14}.36833-296801$ | $2^{14}.36833-296819$ |
| $2^{14}.36847-294893$ | $2^{14}.36847-294911$ | $2^{14}.36847-294947$ | $2^{14}.36847-295037$ |
| $2^{14}.36847-295787$ | $2^{14}.36847-295877$ | $2^{14}.36857-294919$ | $2^{14}.36857-294991$ |

Table 33. All primitive weird numbers of form $2^{14}pq$. (Part 12)

| | | | |
|------------------------|------------------------|------------------------|------------------------|
| 2^{14} .36857-295081 | 2^{14} .36857-295153 | 2^{14} .36877-293957 | 2^{14} .36887-293269 |
| 2^{14} .36913-291689 | 2^{14} .36919-291359 | 2^{14} .36923-291101 | 2^{14} .36929-290711 |
| 2^{14} .36997-286547 | 2^{14} .36997-286591 | 2^{14} .37013-285599 | 2^{14} .37019-285251 |
| 2^{14} .37061-282773 | 2^{14} .37087-281251 | 2^{14} .37097-280703 | 2^{14} .37097-280729 |
| 2^{14} .37139-278321 | 2^{14} .37139-278347 | 2^{14} .37201-274871 | 2^{14} .37223-273709 |
| 2^{14} .37273-271027 | 2^{14} .37277-270791 | 2^{14} .37277-270799 | 2^{14} .37307-269251 |
| 2^{14} .37321-268507 | 2^{14} .37339-267587 | 2^{14} .37357-266683 | 2^{14} .37361-266447 |
| 2^{14} .37361-266479 | 2^{14} .37363-266353 | 2^{14} .37363-266369 | 2^{14} .37379-265543 |
| 2^{14} .37379-265567 | 2^{14} .37397-264581 | 2^{14} .37409-263909 | 2^{14} .37423-262153 |
| 2^{14} .37441-262103 | 2^{14} .37441-262111 | 2^{14} .37441-262127 | 2^{14} .37441-262151 |
| 2^{14} .37441-262231 | 2^{14} .37441-262271 | 2^{14} .37441-262303 | 2^{14} .37441-262351 |
| 2^{14} .37441-262391 | 2^{14} .37441-262399 | 2^{14} .37447-262153 | 2^{14} .37463-261323 |
| 2^{14} .37463-261347 | 2^{14} .37463-261379 | 2^{14} .37483-260417 | 2^{14} .37517-258733 |
| 2^{14} .37561-256721 | 2^{14} .37567-256441 | 2^{14} .37589-255413 | 2^{14} .37591-255313 |
| 2^{14} .37607-254593 | 2^{14} .37619-254021 | 2^{14} .37691-250793 | 2^{14} .37717-249671 |
| 2^{14} .37747-248357 | 2^{14} .37783-246787 | 2^{14} .37783-246809 | 2^{14} .37783-246817 |
| 2^{14} .37799-246121 | 2^{14} .37811-245591 | 2^{14} .37811-245621 | 2^{14} .37811-245629 |
| 2^{14} .37853-243863 | 2^{14} .37853-243871 | 2^{14} .37861-243517 | 2^{14} .37861-243539 |
| 2^{14} .37871-243119 | 2^{14} .37879-242797 | 2^{14} .37889-242357 | 2^{14} .37951-239843 |
| 2^{14} .37951-239851 | 2^{14} .37951-239873 | 2^{14} .37957-239611 | 2^{14} .37957-239633 |
| 2^{14} .37957-239641 | 2^{14} .37963-239387 | 2^{14} .37967-239243 | 2^{14} .37987-238423 |
| 2^{14} .37993-238201 | 2^{14} .37997-238037 | 2^{14} .38039-236387 | 2^{14} .38047-236107 |
| 2^{14} .38119-233357 | 2^{14} .38153-232091 | 2^{14} .38183-231001 | 2^{14} .38189-230761 |
| 2^{14} .38201-229409 | 2^{14} .38201-229423 | 2^{14} .38201-230239 | 2^{14} .38201-230281 |
| 2^{14} .38201-230309 | 2^{14} .38219-229433 | 2^{14} .38219-229601 | 2^{14} .38219-229699 |
| 2^{14} .38231-228959 | 2^{14} .38231-229127 | 2^{14} .38231-229253 | 2^{14} .38231-229267 |
| 2^{14} .38237-228911 | 2^{14} .38237-228953 | 2^{14} .38237-229037 | 2^{14} .38239-228923 |
| 2^{14} .38261-228131 | 2^{14} .38273-227719 | 2^{14} .38281-227471 | 2^{14} .38299-226789 |
| 2^{14} .38299-226817 | 2^{14} .38299-226823 | 2^{14} .38303-226649 | 2^{14} .38303-226697 |
| 2^{14} .38317-226201 | 2^{14} .38351-225023 | 2^{14} .38351-225037 | 2^{14} .38371-224351 |
| 2^{14} .38377-224153 | 2^{14} .38449-221707 | 2^{14} .38453-221567 | 2^{14} .38453-221581 |
| 2^{14} .38569-217793 | 2^{14} .38593-217057 | 2^{14} .38629-215899 | 2^{14} .38639-215587 |
| 2^{14} .38671-214603 | 2^{14} .38693-213947 | 2^{14} .38699-213751 | 2^{14} .38729-212827 |
| 2^{14} .38767-211693 | 2^{14} .38783-211217 | 2^{14} .38821-210097 | 2^{14} .38861-208927 |
| 2^{14} .38861-208933 | 2^{14} .38903-207721 | 2^{14} .38917-207329 | 2^{14} .38977-205661 |
| 2^{14} .38993-205211 | 2^{14} .39019-204481 | 2^{14} .39019-204487 | 2^{14} .39023-204371 |
| 2^{14} .39023-204377 | 2^{14} .39041-203873 | 2^{14} .39043-203843 | 2^{14} .39113-201937 |
| 2^{14} .39139-201247 | 2^{14} .39157-200779 | 2^{14} .39163-200609 | 2^{14} .39191-199877 |
| 2^{14} .39191-199889 | 2^{14} .39199-199657 | 2^{14} .39199-199669 | 2^{14} .39209-199429 |
| 2^{14} .39229-198901 | 2^{14} .39233-198761 | 2^{14} .39239-198589 | 2^{14} .39241-198593 |
| 2^{14} .39241-198599 | 2^{14} .39251-198337 | 2^{14} .39251-198349 | 2^{14} .39293-196657 |
| 2^{14} .39293-196663 | 2^{14} .39293-196681 | 2^{14} .39293-196687 | 2^{14} .39293-196699 |

Table 34. All primitive weird numbers of form $2^{14}pq$. (Part 13)

| | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| $2^{14}.39293.196717$ | $2^{14}.39301.196583$ | $2^{14}.39301.196613$ | $2^{14}.39301.196643$ |
| $2^{14}.39301.196661$ | $2^{14}.39301.196709$ | $2^{14}.39301.196727$ | $2^{14}.39301.196739$ |
| $2^{14}.39301.196751$ | $2^{14}.39301.196769$ | $2^{14}.39301.196799$ | $2^{14}.39301.196817$ |
| $2^{14}.39301.196853$ | $2^{14}.39301.196871$ | $2^{14}.39301.196901$ | $2^{14}.39301.196907$ |
| $2^{14}.39313.196583$ | $2^{14}.39313.196613$ | $2^{14}.39313.196643$ | $2^{14}.39313.196661$ |
| $2^{14}.39313.196709$ | $2^{14}.39313.196727$ | $2^{14}.39313.196739$ | $2^{14}.39313.196751$ |
| $2^{14}.39313.196769$ | $2^{14}.39317.196657$ | $2^{14}.39317.196663$ | $2^{14}.39317.196681$ |
| $2^{14}.39317.196687$ | $2^{14}.39323.196159$ | $2^{14}.39323.196171$ | $2^{14}.39323.196177$ |
| $2^{14}.39323.196201$ | $2^{14}.39323.196279$ | $2^{14}.39323.196291$ | $2^{14}.39323.196303$ |
| $2^{14}.39323.196387$ | $2^{14}.39323.196429$ | $2^{14}.39323.196453$ | $2^{14}.39323.196459$ |
| $2^{14}.39323.196477$ | $2^{14}.39323.196501$ | $2^{14}.39323.196519$ | $2^{14}.39343.195907$ |
| $2^{14}.39343.195913$ | $2^{14}.39343.195919$ | $2^{14}.39343.195931$ | $2^{14}.39343.195967$ |
| $2^{14}.39343.195973$ | $2^{14}.39343.195991$ | $2^{14}.39343.195997$ | $2^{14}.39343.196003$ |
| $2^{14}.39359.195541$ | $2^{14}.39367.195427$ | $2^{14}.39371.195281$ | $2^{14}.39419.194167$ |
| $2^{14}.39503.192149$ | $2^{14}.39509.192007$ | $2^{14}.39509.192013$ | $2^{14}.39541.191249$ |
| $2^{14}.39551.191021$ | $2^{14}.39551.191027$ | $2^{14}.39563.190753$ | $2^{14}.39623.189353$ |
| $2^{14}.39703.187547$ | $2^{14}.39779.185869$ | $2^{14}.39821.184969$ | $2^{14}.39863.184057$ |
| $2^{14}.39883.183637$ | $2^{14}.39953.182179$ | $2^{14}.39971.181789$ | $2^{14}.40031.180563$ |
| $2^{14}.40031.180569$ | $2^{14}.40129.178601$ | $2^{14}.40153.178117$ | $2^{14}.40153.178127$ |
| $2^{14}.40213.176951$ | $2^{14}.40253.176191$ | $2^{14}.40277.175727$ | $2^{14}.40289.175499$ |
| $2^{14}.40343.174487$ | $2^{14}.40357.174221$ | $2^{14}.40387.173669$ | $2^{14}.40427.172933$ |
| $2^{14}.40471.172127$ | $2^{14}.40499.171617$ | $2^{14}.40507.171469$ | $2^{14}.40529.171091$ |
| $2^{14}.40543.170827$ | $2^{14}.40543.170837$ | $2^{14}.40577.170231$ | $2^{14}.40627.169361$ |
| $2^{14}.40637.169177$ | $2^{14}.40699.168127$ | $2^{14}.40739.167437$ | $2^{14}.40763.167033$ |
| $2^{14}.40771.166909$ | $2^{14}.40787.166631$ | $2^{14}.40801.166393$ | $2^{14}.40801.166403$ |
| $2^{14}.40813.166183$ | $2^{14}.40819.166099$ | $2^{14}.40823.166043$ | $2^{14}.40847.165617$ |
| $2^{14}.40849.165589$ | $2^{14}.40853.165523$ | $2^{14}.40853.165533$ | $2^{14}.40879.165037$ |
| $2^{14}.40879.165047$ | $2^{14}.40879.165103$ | $2^{14}.40883.164987$ | $2^{14}.40897.164729$ |
| $2^{14}.40903.164677$ | $2^{14}.40903.164707$ | $2^{14}.40927.163853$ | $2^{14}.40927.163883$ |
| $2^{14}.40927.163973$ | $2^{14}.40927.163993$ | $2^{14}.40927.164023$ | $2^{14}.40927.164209$ |
| $2^{14}.40927.164239$ | $2^{14}.40927.164249$ | $2^{14}.40927.164279$ | $2^{14}.40927.164299$ |
| $2^{14}.40927.164309$ | $2^{14}.40933.163847$ | $2^{14}.40933.163927$ | $2^{14}.40933.163987$ |
| $2^{14}.40933.163997$ | $2^{14}.40933.164057$ | $2^{14}.40933.164117$ | $2^{14}.40933.164233$ |
| $2^{14}.40939.163841$ | $2^{14}.40939.163861$ | $2^{14}.40939.163871$ | $2^{14}.40939.163901$ |
| $2^{14}.40939.163981$ | $2^{14}.40939.163991$ | $2^{14}.40939.164011$ | $2^{14}.40939.164051$ |
| $2^{14}.40939.164071$ | $2^{14}.40949.163841$ | $2^{14}.40949.163861$ | $2^{14}.40949.163871$ |
| $2^{14}.40949.163901$ | $2^{14}.40949.163981$ | $2^{14}.40949.163991$ | $2^{14}.40961.163469$ |
| $2^{14}.40961.163679$ | $2^{14}.40961.163729$ | $2^{14}.40961.163789$ | $2^{14}.40973.163477$ |
| $2^{14}.40973.163487$ | $2^{14}.40973.163517$ | $2^{14}.40973.163567$ | $2^{14}.40993.163199$ |
| $2^{14}.40993.163249$ | $2^{14}.40993.163259$ | $2^{14}.41011.162989$ | $2^{14}.41017.162889$ |
| $2^{14}.41039.162553$ | $2^{14}.41039.162563$ | $2^{14}.41047.162413$ | $2^{14}.41077.161969$ |
| $2^{14}.41081.161873$ | $2^{14}.41113.161407$ | $2^{14}.41117.161341$ | $2^{14}.41177.160409$ |

Table 35. All primitive weird numbers of form $2^{14}pq$. (Part 14)

| | | | |
|------------------------|------------------------|------------------------|------------------------|
| 2^{14} .41177-160423 | 2^{14} .41179-160403 | 2^{14} .41183-160313 | 2^{14} .41221-159769 |
| 2^{14} .41233-159589 | 2^{14} .41269-159023 | 2^{14} .41341-157991 | 2^{14} .41491-155833 |
| 2^{14} .41597-154351 | 2^{14} .41611-154159 | 2^{14} .41617-154081 | 2^{14} .41627-153949 |
| 2^{14} .41851-150961 | 2^{14} .41927-149971 | 2^{14} .41959-149563 | 2^{14} .41969-149441 |
| 2^{14} .41999-149057 | 2^{14} .42071-148157 | 2^{14} .42083-148013 | 2^{14} .42179-146833 |
| 2^{14} .42179-146837 | 2^{14} .42293-145477 | 2^{14} .42307-145307 | 2^{14} .42359-144701 |
| 2^{14} .42397-144259 | 2^{14} .42407-144139 | 2^{14} .42443-143729 | 2^{14} .42451-143629 |
| 2^{14} .42457-143569 | 2^{14} .42461-143519 | 2^{14} .42491-143177 | 2^{14} .42509-142969 |
| 2^{14} .42509-142973 | 2^{14} .42557-142433 | 2^{14} .42677-141101 | 2^{14} .42697-140891 |
| 2^{14} .42701-140839 | 2^{14} .42727-140557 | 2^{14} .42737-140449 | 2^{14} .42737-140453 |
| 2^{14} .42797-139813 | 2^{14} .42839-139367 | 2^{14} .42863-139109 | 2^{14} .42899-138727 |
| 2^{14} .42899-138731 | 2^{14} .43003-137659 | 2^{14} .43019-137491 | 2^{14} .43037-137303 |
| 2^{14} .43067-136999 | 2^{14} .43133-136343 | 2^{14} .43159-136067 | 2^{14} .43189-135787 |
| 2^{14} .43201-135647 | 2^{14} .43207-135601 | 2^{14} .43261-135059 | 2^{14} .43319-134513 |
| 2^{14} .43399-133723 | 2^{14} .43481-132967 | 2^{14} .43481-132971 | 2^{14} .43517-132611 |
| 2^{14} .43517-132619 | 2^{14} .43517-132623 | 2^{14} .43517-132631 | 2^{14} .43541-132409 |
| 2^{14} .43541-132421 | 2^{14} .43579-132071 | 2^{14} .43597-131837 | 2^{14} .43597-131849 |
| 2^{14} .43597-131861 | 2^{14} .43607-131701 | 2^{14} .43609-131687 | 2^{14} .43609-131707 |
| 2^{14} .43609-131711 | 2^{14} .43613-131707 | 2^{14} .43613-131711 | 2^{14} .43613-131731 |
| 2^{14} .43613-131743 | 2^{14} .43613-131759 | 2^{14} .43627-131101 | 2^{14} .43627-131113 |
| 2^{14} .43627-131507 | 2^{14} .43627-131519 | 2^{14} .43627-131543 | 2^{14} .43633-131063 |
| 2^{14} .43633-131071 | 2^{14} .43633-131111 | 2^{14} .43633-131143 | 2^{14} .43633-131501 |
| 2^{14} .43633-131561 | 2^{14} .43649-131063 | 2^{14} .43649-131071 | 2^{14} .43649-131111 |
| 2^{14} .43649-131143 | 2^{14} .43649-131171 | 2^{14} .43649-131203 | 2^{14} .43649-131231 |
| 2^{14} .43649-131251 | 2^{14} .43649-131267 | 2^{14} .43649-131303 | 2^{14} .43651-131101 |
| 2^{14} .43651-131113 | 2^{14} .43651-131129 | 2^{14} .43651-131149 | 2^{14} .43651-131213 |
| 2^{14} .43651-131221 | 2^{14} .43651-131249 | 2^{14} .43651-131293 | 2^{14} .43651-131297 |
| 2^{14} .43651-131317 | 2^{14} .43651-131321 | 2^{14} .43661-131063 | 2^{14} .43661-131071 |
| 2^{14} .43661-131111 | 2^{14} .43661-131143 | 2^{14} .43661-131171 | 2^{14} .43661-131203 |
| 2^{14} .43661-131231 | 2^{14} .43661-131251 | 2^{14} .43661-131267 | 2^{14} .43661-131303 |
| 2^{14} .43661-131311 | 2^{14} .43669-131063 | 2^{14} .43669-131071 | 2^{14} .43669-131111 |
| 2^{14} .43669-131143 | 2^{14} .43669-131171 | 2^{14} .43669-131203 | 2^{14} .43669-131231 |
| 2^{14} .43669-131251 | 2^{14} .43691-130729 | 2^{14} .43691-130769 | 2^{14} .43691-130817 |
| 2^{14} .43691-130829 | 2^{14} .43691-130841 | 2^{14} .43691-130873 | 2^{14} .43691-130957 |
| 2^{14} .43691-130969 | 2^{14} .43691-130973 | 2^{14} .43691-130981 | 2^{14} .43691-131009 |
| 2^{14} .43691-131041 | 2^{14} .43711-130769 | 2^{14} .43711-130817 | 2^{14} .43711-130829 |
| 2^{14} .43711-130841 | 2^{14} .43711-130873 | 2^{14} .43717-130783 | 2^{14} .43717-130787 |
| 2^{14} .43717-130807 | 2^{14} .43717-130811 | 2^{14} .43721-130783 | 2^{14} .43759-130369 |
| 2^{14} .43759-130409 | 2^{14} .43777-130241 | 2^{14} .43777-130253 | 2^{14} .43777-130261 |
| 2^{14} .43787-130121 | 2^{14} .43789-130127 | 2^{14} .43789-130147 | 2^{14} .43789-130171 |
| 2^{14} .43793-130127 | 2^{14} .43801-130057 | 2^{14} .43801-130069 | 2^{14} .43801-130073 |
| 2^{14} .43853-129581 | 2^{14} .43853-129589 | 2^{14} .43853-129593 | 2^{14} .43867-129443 |

Table 36. All primitive weird numbers of form $2^{14} pq$. (Part 15)

| | | | |
|------------------------|------------------------|------------------------|------------------------|
| 2^{14} .43889-129287 | 2^{14} .43891-129281 | 2^{14} .43913-129083 | 2^{14} .43933-128903 |
| 2^{14} .43943-128813 | 2^{14} .43963-128657 | 2^{14} .44017-128189 | 2^{14} .44021-128159 |
| 2^{14} .44029-128099 | 2^{14} .44041-127997 | 2^{14} .44053-127873 | 2^{14} .44053-127877 |
| 2^{14} .44059-127849 | 2^{14} .44071-127733 | 2^{14} .44089-127597 | 2^{14} .44101-127493 |
| 2^{14} .44119-127343 | 2^{14} .44131-127247 | 2^{14} .44203-126641 | 2^{14} .44257-126211 |
| 2^{14} .44263-126151 | 2^{14} .44281-126001 | 2^{14} .44351-125453 | 2^{14} .44383-125197 |
| 2^{14} .44543-123941 | 2^{14} .44563-123787 | 2^{14} .44647-123143 | 2^{14} .44651-123113 |
| 2^{14} .44683-122867 | 2^{14} .44687-122833 | 2^{14} .44819-121853 | 2^{14} .44909-121189 |
| 2^{14} .45053-120157 | 2^{14} .45077-119983 | 2^{14} .45137-119563 | 2^{14} .45139-119549 |
| 2^{14} .45233-118891 | 2^{14} .45307-118387 | 2^{14} .45377-117911 | 2^{14} .45427-117571 |
| 2^{14} .45497-117109 | 2^{14} .45523-116933 | 2^{14} .45533-116867 | 2^{14} .45677-115933 |
| 2^{14} .45751-115459 | 2^{14} .45757-115421 | 2^{14} .45949-114217 | 2^{14} .45971-114077 |
| 2^{14} .46051-113591 | 2^{14} .46147-113011 | 2^{14} .46451-111229 | 2^{14} .46457-111191 |
| 2^{14} .46499-110951 | 2^{14} .46507-110909 | 2^{14} .46567-110569 | 2^{14} .46591-110431 |
| 2^{14} .46679-109943 | 2^{14} .46691-109873 | 2^{14} .46703-109807 | 2^{14} .46747-109567 |
| 2^{14} .46819-109171 | 2^{14} .46861-108943 | 2^{14} .46901-108727 | 2^{14} .46919-108631 |
| 2^{14} .47017-108109 | 2^{14} .47087-107741 | 2^{14} .47143-107449 | 2^{14} .47237-106963 |
| 2^{14} .47293-106681 | 2^{14} .47297-106657 | 2^{14} .47303-106627 | 2^{14} .47353-106373 |
| 2^{14} .47491-105683 | 2^{14} .47507-105607 | 2^{14} .47527-105509 | 2^{14} .47609-105097 |
| 2^{14} .47609-105107 | 2^{14} .47713-104597 | 2^{14} .47777-104297 | 2^{14} .47779-104281 |
| 2^{14} .47791-104231 | 2^{14} .47837-104009 | 2^{14} .47843-103981 | 2^{14} .47903-103699 |
| 2^{14} .47933-103561 | 2^{14} .47951-103471 | 2^{14} .47969-103387 | 2^{14} .47969-103391 |
| 2^{14} .47977-103357 | 2^{14} .48023-103141 | 2^{14} .48073-102911 | 2^{14} .48079-102877 |
| 2^{14} .48119-102701 | 2^{14} .48239-102161 | 2^{14} .48259-102059 | 2^{14} .48311-101837 |
| 2^{14} .48353-101641 | 2^{14} .48413-101377 | 2^{14} .48413-101383 | 2^{14} .48437-101281 |
| 2^{14} .48463-101149 | 2^{14} .48487-101051 | 2^{14} .48487-101063 | 2^{14} .48523-100907 |
| 2^{14} .48539-100829 | 2^{14} .48541-100823 | 2^{14} .48571-100703 | 2^{14} .48593-100609 |
| 2^{14} .48611-100523 | 2^{14} .48623-100459 | 2^{14} .48647-100363 | 2^{14} .48661-100291 |
| 2^{14} .48661-100297 | 2^{14} .48751-99923 | 2^{14} .48751-99929 | 2^{14} .48757-99901 |
| 2^{14} .48757-99907 | 2^{14} .48761-99881 | 2^{14} .48767-99859 | 2^{14} .48767-99871 |
| 2^{14} .48779-99787 | 2^{14} .48779-99809 | 2^{14} .48787-99787 | 2^{14} .48799-99719 |
| 2^{14} .48809-99689 | 2^{14} .48821-99643 | 2^{14} .48857-99487 | 2^{14} .48859-99469 |
| 2^{14} .48869-99431 | 2^{14} .48871-99401 | 2^{14} .48883-99367 | 2^{14} .48907-99277 |
| 2^{14} .48907-99289 | 2^{14} .48947-99079 | 2^{14} .48947-99119 | 2^{14} .48953-99079 |
| 2^{14} .48989-98929 | 2^{14} .48989-98947 | 2^{14} .48989-98953 | 2^{14} .48991-98869 |
| 2^{14} .48991-98887 | 2^{14} .48991-98893 | 2^{14} .48991-98899 | 2^{14} .48991-98939 |
| 2^{14} .49003-98887 | 2^{14} .49003-98893 | 2^{14} .49019-98731 | 2^{14} .49019-98737 |
| 2^{14} .49019-98773 | 2^{14} .49019-98779 | 2^{14} .49031-98737 | 2^{14} .49031-98773 |
| 2^{14} .49031-98779 | 2^{14} .49033-98689 | 2^{14} .49057-98321 | 2^{14} .49057-98327 |
| 2^{14} .49057-98369 | 2^{14} .49069-98321 | 2^{14} .49069-98327 | 2^{14} .49069-98369 |
| 2^{14} .49069-98387 | 2^{14} .49069-98411 | 2^{14} .49069-98429 | 2^{14} .49081-98321 |
| 2^{14} .49081-98327 | 2^{14} .49081-98369 | 2^{14} .49081-98387 | 2^{14} .49081-98411 |

Table 37. All primitive weird numbers of form $2^{14}pq$. (Part 16)

| | | | |
|----------------------|----------------------|----------------------|----------------------|
| $2^{14}.49081-98429$ | $2^{14}.49081-98453$ | $2^{14}.49081-98459$ | $2^{14}.49081-98507$ |
| $2^{14}.49103-98317$ | $2^{14}.49103-98323$ | $2^{14}.49103-98347$ | $2^{14}.49103-98377$ |
| $2^{14}.49103-98389$ | $2^{14}.49103-98407$ | $2^{14}.49103-98419$ | $2^{14}.49103-98443$ |
| $2^{14}.49103-98467$ | $2^{14}.49103-98473$ | $2^{14}.49103-98479$ | $2^{14}.49103-98491$ |
| $2^{14}.49109-98317$ | $2^{14}.49109-98323$ | $2^{14}.49109-98347$ | $2^{14}.49109-98377$ |
| $2^{14}.49109-98389$ | $2^{14}.49109-98407$ | $2^{14}.49109-98419$ | $2^{14}.49109-98443$ |
| $2^{14}.49109-98467$ | $2^{14}.49117-98321$ | $2^{14}.49117-98327$ | $2^{14}.49117-98369$ |
| $2^{14}.49117-98387$ | $2^{14}.49117-98411$ | $2^{14}.49117-98429$ | $2^{14}.49121-98317$ |
| $2^{14}.49121-98323$ | $2^{14}.49121-98347$ | $2^{14}.49121-98377$ | $2^{14}.49121-98389$ |
| $2^{14}.49121-98407$ | $2^{14}.49121-98419$ | $2^{14}.49123-98321$ | $2^{14}.49123-98327$ |
| $2^{14}.49123-98369$ | $2^{14}.49123-98387$ | $2^{14}.49123-98411$ | $2^{14}.49139-98317$ |
| $2^{14}.49139-98323$ | $2^{14}.49139-98347$ | $2^{14}.49157-98011$ | $2^{14}.49157-98017$ |
| $2^{14}.49157-98041$ | $2^{14}.49157-98047$ | $2^{14}.49157-98101$ | $2^{14}.49157-98143$ |
| $2^{14}.49157-98179$ | $2^{14}.49157-98221$ | $2^{14}.49157-98227$ | $2^{14}.49157-98251$ |
| $2^{14}.49157-98257$ | $2^{14}.49157-98269$ | $2^{14}.49169-98011$ | $2^{14}.49169-98017$ |
| $2^{14}.49169-98041$ | $2^{14}.49169-98047$ | $2^{14}.49169-98101$ | $2^{14}.49169-98143$ |
| $2^{14}.49169-98179$ | $2^{14}.49169-98221$ | $2^{14}.49169-98227$ | $2^{14}.49171-98009$ |
| $2^{14}.49171-98057$ | $2^{14}.49171-98081$ | $2^{14}.49171-98123$ | $2^{14}.49171-98129$ |
| $2^{14}.49171-98207$ | $2^{14}.49171-98213$ | $2^{14}.49177-98057$ | $2^{14}.49177-98081$ |
| $2^{14}.49177-98123$ | $2^{14}.49177-98129$ | $2^{14}.49193-98041$ | $2^{14}.49193-98047$ |
| $2^{14}.49193-98101$ | $2^{14}.49199-98041$ | $2^{14}.49199-98047$ | $2^{14}.49199-98101$ |
| $2^{14}.49201-98057$ | $2^{14}.49201-98081$ | $2^{14}.49207-98057$ | $2^{14}.49211-97919$ |
| $2^{14}.49211-97931$ | $2^{14}.49211-97943$ | $2^{14}.49211-97961$ | $2^{14}.49211-97967$ |
| $2^{14}.49211-97973$ | $2^{14}.49211-98009$ | $2^{14}.49211-98047$ | $2^{14}.49223-97931$ |
| $2^{14}.49223-97943$ | $2^{14}.49223-97961$ | $2^{14}.49223-97967$ | $2^{14}.49223-97973$ |
| $2^{14}.49223-98009$ | $2^{14}.49253-97771$ | $2^{14}.49253-97777$ | $2^{14}.49261-97787$ |
| $2^{14}.49261-97829$ | $2^{14}.49261-97841$ | $2^{14}.49261-97847$ | $2^{14}.49261-97861$ |
| $2^{14}.49297-97687$ | $2^{14}.49297-97711$ | $2^{14}.49307-97651$ | $2^{14}.49331-97583$ |
| $2^{14}.49333-97549$ | $2^{14}.49333-97561$ | $2^{14}.49333-97579$ | $2^{14}.49339-97499$ |
| $2^{14}.49339-97549$ | $2^{14}.49363-97423$ | $2^{14}.49363-97429$ | $2^{14}.49363-97441$ |
| $2^{14}.49369-97373$ | $2^{14}.49369-97379$ | $2^{14}.49369-97423$ | $2^{14}.49369-97429$ |
| $2^{14}.49393-97327$ | $2^{14}.49409-97259$ | $2^{14}.49409-97283$ | $2^{14}.49417-97231$ |
| $2^{14}.49433-97169$ | $2^{14}.49433-97187$ | $2^{14}.49451-97117$ | $2^{14}.49477-96979$ |
| $2^{14}.49523-96823$ | $2^{14}.49529-96821$ | $2^{14}.49537-96787$ | $2^{14}.49547-96749$ |
| $2^{14}.49559-96703$ | $2^{14}.49597-96527$ | $2^{14}.49597-96553$ | $2^{14}.49613-96487$ |
| $2^{14}.49627-96431$ | $2^{14}.49639-96377$ | $2^{14}.49667-96289$ | $2^{14}.49697-96179$ |
| $2^{14}.49747-95987$ | $2^{14}.49807-95773$ | $2^{14}.49823-95717$ | $2^{14}.49853-95603$ |
| $2^{14}.49891-95461$ | $2^{14}.49891-95467$ | $2^{14}.49993-95087$ | $2^{14}.49999-95071$ |
| $2^{14}.50033-94951$ | $2^{14}.50053-94873$ | $2^{14}.50069-94819$ | $2^{14}.50077-94793$ |
| $2^{14}.50101-94693$ | $2^{14}.50131-94597$ | $2^{14}.50147-94543$ | $2^{14}.50207-94331$ |
| $2^{14}.50287-94049$ | $2^{14}.50291-94033$ | $2^{14}.50333-93889$ | $2^{14}.50753-92459$ |
| $2^{14}.50821-92237$ | $2^{14}.50867-92083$ | $2^{14}.50909-91943$ | $2^{14}.50969-91753$ |

Table 38. All primitive weird numbers of form $2^{14}pq$. (Part 17)

| | | | |
|----------------------|----------------------|----------------------|----------------------|
| $2^{14}.50993-91673$ | $2^{14}.51047-91499$ | $2^{14}.51059-91463$ | $2^{14}.51061-91457$ |
| $2^{14}.51109-91303$ | $2^{14}.51349-90547$ | $2^{14}.51383-90439$ | $2^{14}.51487-90121$ |
| $2^{14}.51503-90067$ | $2^{14}.51521-90017$ | $2^{14}.51659-89599$ | $2^{14}.51683-89527$ |
| $2^{14}.51721-89413$ | $2^{14}.51749-89329$ | $2^{14}.51829-89087$ | $2^{14}.51853-89021$ |
| $2^{14}.51859-89003$ | $2^{14}.51869-88969$ | $2^{14}.51929-88793$ | $2^{14}.52027-88513$ |
| $2^{14}.52067-88397$ | $2^{14}.52313-87697$ | $2^{14}.52363-87557$ | $2^{14}.52567-86993$ |
| $2^{14}.52631-86813$ | $2^{14}.52757-86477$ | $2^{14}.52807-86341$ | $2^{14}.52837-86263$ |
| $2^{14}.52973-85903$ | $2^{14}.53239-85213$ | $2^{14}.53623-84247$ | $2^{14}.53657-84163$ |
| $2^{14}.53719-84011$ | $2^{14}.53897-83579$ | $2^{14}.53959-83431$ | $2^{14}.54091-83117$ |
| $2^{14}.54503-82163$ | $2^{14}.54917-81239$ | $2^{14}.55021-81013$ | $2^{14}.55399-80207$ |
| $2^{14}.55807-79367$ | $2^{14}.56123-78737$ | $2^{14}.56131-78721$ | $2^{14}.56239-78509$ |
| $2^{14}.56249-78487$ | $2^{14}.56359-78277$ | $2^{14}.56401-78193$ | $2^{14}.56773-77489$ |
| $2^{14}.56813-77417$ | $2^{14}.56843-77359$ | $2^{14}.56893-77269$ | $2^{14}.56963-77141$ |
| $2^{14}.56989-77093$ | $2^{14}.57163-76777$ | $2^{14}.57283-76561$ | $2^{14}.57427-76303$ |
| $2^{14}.57457-76253$ | $2^{14}.57601-76001$ | $2^{14}.57641-75931$ | $2^{14}.57773-75703$ |
| $2^{14}.57787-75679$ | $2^{14}.57847-75577$ | $2^{14}.57947-75407$ | $2^{14}.58027-75269$ |
| $2^{14}.58367-74707$ | $2^{14}.58379-74687$ | $2^{14}.58427-74609$ | $2^{14}.58453-74567$ |
| $2^{14}.58481-74521$ | $2^{14}.58549-74411$ | $2^{14}.58579-74363$ | $2^{14}.58631-74279$ |
| $2^{14}.58661-74231$ | $2^{14}.58687-74189$ | $2^{14}.58693-74177$ | $2^{14}.58789-74027$ |
| $2^{14}.58921-73819$ | $2^{14}.58991-73709$ | $2^{14}.59009-73681$ | $2^{14}.59051-73613$ |
| $2^{14}.59063-73597$ | $2^{14}.59107-73529$ | $2^{14}.59113-73517$ | $2^{14}.59209-73369$ |
| $2^{14}.59369-73127$ | $2^{14}.59393-73091$ | $2^{14}.59443-73013$ | $2^{14}.59447-73009$ |
| $2^{14}.59471-72973$ | $2^{14}.59539-72871$ | $2^{14}.59611-72763$ | $2^{14}.59791-72497$ |
| $2^{14}.59921-72307$ | $2^{14}.60013-72173$ | $2^{14}.60017-72167$ | $2^{14}.60037-72139$ |
| $2^{14}.60139-71987$ | $2^{14}.60167-71947$ | $2^{14}.60209-71887$ | $2^{14}.60223-71867$ |
| $2^{14}.60257-71821$ | $2^{14}.60259-71821$ | $2^{14}.60331-71719$ | $2^{14}.60343-71699$ |
| $2^{14}.60497-71483$ | $2^{14}.60601-71341$ | $2^{14}.60611-71327$ | $2^{14}.60659-71261$ |
| $2^{14}.60679-71233$ | $2^{14}.60727-71167$ | $2^{14}.60737-71153$ | $2^{14}.60913-70913$ |
| $2^{14}.61057-70717$ | $2^{14}.61099-70663$ | $2^{14}.61141-70607$ | $2^{14}.61231-70487$ |
| $2^{14}.61357-70321$ | $2^{14}.61363-70313$ | $2^{14}.61381-70289$ | $2^{14}.61493-70141$ |
| $2^{14}.61511-70117$ | $2^{14}.61657-69931$ | $2^{14}.61717-69847$ | $2^{14}.61843-69691$ |
| $2^{14}.61871-69653$ | $2^{14}.61949-69557$ | $2^{14}.62003-69491$ | $2^{14}.62011-69481$ |
| $2^{14}.62017-69473$ | $2^{14}.62039-69439$ | $2^{14}.62081-69389$ | $2^{14}.62099-69371$ |
| $2^{14}.62189-69259$ | $2^{14}.62459-68927$ | $2^{14}.62467-68917$ | $2^{14}.62477-68903$ |
| $2^{14}.62483-68891$ | $2^{14}.62497-68881$ | $2^{14}.62539-68821$ | $2^{14}.62549-68813$ |
| $2^{14}.62581-68777$ | $2^{14}.62591-68767$ | $2^{14}.62617-68729$ | $2^{14}.62659-68683$ |
| $2^{14}.62851-68447$ | $2^{14}.62897-68399$ | $2^{14}.62921-68371$ | $2^{14}.63031-68239$ |
| $2^{14}.63113-68141$ | $2^{14}.63149-68099$ | $2^{14}.63179-68071$ | $2^{14}.63199-68041$ |
| $2^{14}.63211-68023$ | $2^{14}.63277-67957$ | $2^{14}.63331-67891$ | $2^{14}.63389-67829$ |
| $2^{14}.63439-67763$ | $2^{14}.63443-67763$ | $2^{14}.63467-67733$ | $2^{14}.63473-67733$ |
| $2^{14}.63499-67699$ | $2^{14}.63541-67651$ | $2^{14}.63559-67631$ | $2^{14}.63587-67601$ |
| $2^{14}.63589-67601$ | $2^{14}.63601-67577$ | $2^{14}.63601-67579$ | $2^{14}.63607-67577$ |

Table 39. All primitive weird numbers of form $2^{14}pq$. (Part 18)

| | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 2^{14} .63607-67579 | 2^{14} .63617-67559 | 2^{14} .63647-67523 | 2^{14} .63649-67523 |
| 2^{14} .63649-67531 | 2^{14} .63667-67511 | 2^{14} .63689-67489 | 2^{14} .63719-67453 |
| 2^{14} .63727-67429 | 2^{14} .63737-67433 | 2^{14} .63761-67391 | 2^{14} .63823-67339 |
| 2^{14} .63929-67213 | 2^{14} .63929-67217 | 2^{14} .63929-67219 | 2^{14} .64007-67129 |
| 2^{14} .64013-67129 | 2^{14} .64063-67061 | 2^{14} .64067-67061 | 2^{14} .64081-67033 |
| 2^{14} .64091-67043 | 2^{14} .64109-67021 | 2^{14} .64151-66973 | 2^{14} .64151-66977 |
| 2^{14} .64153-66973 | 2^{14} .64171-66943 | 2^{14} .64171-66947 | 2^{14} .64217-66889 |
| 2^{14} .64223-66889 | 2^{14} .64271-66841 | 2^{14} .64319-66791 | 2^{14} .64373-66733 |
| 2^{14} .64399-66697 | 2^{14} .64399-66701 | 2^{14} .64403-66697 | 2^{14} .64403-66701 |
| 2^{14} .64451-66643 | 2^{14} .64453-66643 | 2^{14} .64483-66617 | 2^{14} .64513-66571 |
| 2^{14} .64513-66587 | 2^{14} .64553-66541 | 2^{14} .64567-66499 | 2^{14} .64577-66509 |
| 2^{14} .64579-66509 | 2^{14} .64601-66463 | 2^{14} .64601-66467 | 2^{14} .64609-66467 |
| 2^{14} .64613-66467 | 2^{14} .64679-66403 | 2^{14} .64709-66347 | 2^{14} .64717-66359 |
| 2^{14} .64717-66361 | 2^{14} .64793-66271 | 2^{14} .64811-66271 | 2^{14} .64849-66221 |
| 2^{14} .64853-66221 | 2^{14} .64879-66161 | 2^{14} .64891-66161 | 2^{14} .64891-66169 |
| 2^{14} .64891-66173 | 2^{14} .64891-66179 | 2^{14} .64901-66169 | 2^{14} .64901-66173 |
| 2^{14} .64901-66179 | 2^{14} .64937-66103 | 2^{14} .64937-66107 | 2^{14} .64937-66109 |
| 2^{14} .64951-66107 | 2^{14} .64951-66109 | 2^{14} .64997-66041 | 2^{14} .64997-66047 |
| 2^{14} .64997-66067 | 2^{14} .64997-66071 | 2^{14} .65003-66047 | 2^{14} .65003-66067 |
| 2^{14} .65003-66071 | 2^{14} .65011-66047 | 2^{14} .65053-65981 | 2^{14} .65053-65983 |
| 2^{14} .65053-65993 | 2^{14} .65063-65981 | 2^{14} .65063-65983 | 2^{14} .65063-65993 |
| 2^{14} .65071-65981 | 2^{14} .65071-65983 | 2^{14} .65071-65993 | 2^{14} .65089-65981 |
| 2^{14} .65089-65983 | 2^{14} .65119-65881 | 2^{14} .65119-65899 | 2^{14} .65123-65899 |
| 2^{14} .65129-65899 | 2^{14} .65129-65921 | 2^{14} .65129-65927 | 2^{14} .65129-65929 |
| 2^{14} .65141-65899 | 2^{14} .65141-65921 | 2^{14} .65141-65927 | 2^{14} .65141-65929 |
| 2^{14} .65147-65899 | 2^{14} .65147-65921 | 2^{14} .65167-65899 | 2^{14} .65171-65899 |
| 2^{14} .65173-65899 | 2^{14} .65203-65777 | 2^{14} .65203-65789 | 2^{14} .65213-65777 |
| 2^{14} .65213-65789 | 2^{14} .65213-65809 | 2^{14} .65239-65789 | 2^{14} .65239-65809 |
| 2^{14} .65239-65827 | 2^{14} .65239-65831 | 2^{14} .65257-65789 | 2^{14} .65257-65809 |
| 2^{14} .65267-65789 | 2^{14} .65269-65789 | 2^{14} .65287-65537 | 2^{14} .65287-65539 |
| 2^{14} .65287-65543 | 2^{14} .65293-65537 | 2^{14} .65293-65539 | 2^{14} .65293-65543 |
| 2^{14} .65293-65551 | 2^{14} .65293-65557 | 2^{14} .65309-65537 | 2^{14} .65309-65539 |
| 2^{14} .65309-65543 | 2^{14} .65309-65551 | 2^{14} .65309-65557 | 2^{14} .65309-65563 |
| 2^{14} .65309-65579 | 2^{14} .65309-65581 | 2^{14} .65309-65587 | 2^{14} .65323-65537 |
| 2^{14} .65323-65539 | 2^{14} .65323-65543 | 2^{14} .65323-65551 | 2^{14} .65323-65557 |
| 2^{14} .65323-65563 | 2^{14} .65323-65579 | 2^{14} .65323-65581 | 2^{14} .65323-65587 |
| 2^{14} .65323-65599 | 2^{14} .65323-65609 | 2^{14} .65323-65617 | 2^{14} .65323-65629 |
| 2^{14} .65327-65537 | 2^{14} .65327-65539 | 2^{14} .65327-65543 | 2^{14} .65327-65551 |
| 2^{14} .65327-65557 | 2^{14} .65327-65563 | 2^{14} .65327-65579 | 2^{14} .65327-65581 |
| 2^{14} .65327-65587 | 2^{14} .65327-65599 | 2^{14} .65327-65609 | 2^{14} .65327-65617 |
| 2^{14} .65327-65629 | 2^{14} .65327-65633 | 2^{14} .65353-65537 | 2^{14} .65353-65539 |
| 2^{14} .65353-65543 | 2^{14} .65353-65551 | 2^{14} .65353-65557 | 2^{14} .65353-65563 |

Table 40. All primitive weird numbers of form $2^{14}pq$. (Part 19)

| | | | |
|----------------------|----------------------|----------------------|----------------------|
| $2^{14}.65353-65579$ | $2^{14}.65353-65581$ | $2^{14}.65353-65587$ | $2^{14}.65353-65599$ |
| $2^{14}.65353-65609$ | $2^{14}.65353-65617$ | $2^{14}.65353-65629$ | $2^{14}.65353-65633$ |
| $2^{14}.65353-65647$ | $2^{14}.65353-65651$ | $2^{14}.65353-65657$ | $2^{14}.65353-65677$ |
| $2^{14}.65353-65687$ | $2^{14}.65353-65699$ | $2^{14}.65353-65701$ | $2^{14}.65353-65707$ |
| $2^{14}.65353-65713$ | $2^{14}.65357-65537$ | $2^{14}.65357-65539$ | $2^{14}.65357-65543$ |
| $2^{14}.65357-65551$ | $2^{14}.65357-65557$ | $2^{14}.65357-65563$ | $2^{14}.65357-65579$ |
| $2^{14}.65357-65581$ | $2^{14}.65357-65587$ | $2^{14}.65357-65599$ | $2^{14}.65357-65609$ |
| $2^{14}.65357-65617$ | $2^{14}.65357-65629$ | $2^{14}.65357-65633$ | $2^{14}.65357-65647$ |
| $2^{14}.65357-65651$ | $2^{14}.65357-65657$ | $2^{14}.65357-65677$ | $2^{14}.65357-65687$ |
| $2^{14}.65357-65699$ | $2^{14}.65357-65701$ | $2^{14}.65357-65707$ | $2^{14}.65371-65537$ |
| $2^{14}.65371-65539$ | $2^{14}.65371-65543$ | $2^{14}.65371-65551$ | $2^{14}.65371-65557$ |
| $2^{14}.65371-65563$ | $2^{14}.65371-65579$ | $2^{14}.65371-65581$ | $2^{14}.65371-65587$ |
| $2^{14}.65371-65599$ | $2^{14}.65371-65609$ | $2^{14}.65371-65617$ | $2^{14}.65371-65629$ |
| $2^{14}.65371-65633$ | $2^{14}.65371-65647$ | $2^{14}.65371-65651$ | $2^{14}.65371-65657$ |
| $2^{14}.65371-65677$ | $2^{14}.65371-65687$ | $2^{14}.65381-65537$ | $2^{14}.65381-65539$ |
| $2^{14}.65381-65543$ | $2^{14}.65381-65551$ | $2^{14}.65381-65557$ | $2^{14}.65381-65563$ |
| $2^{14}.65381-65579$ | $2^{14}.65381-65581$ | $2^{14}.65381-65587$ | $2^{14}.65381-65599$ |
| $2^{14}.65381-65609$ | $2^{14}.65381-65617$ | $2^{14}.65381-65629$ | $2^{14}.65381-65633$ |
| $2^{14}.65381-65647$ | $2^{14}.65381-65651$ | $2^{14}.65381-65657$ | $2^{14}.65381-65677$ |
| $2^{14}.65381-65687$ | $2^{14}.65393-65537$ | $2^{14}.65393-65539$ | $2^{14}.65393-65543$ |
| $2^{14}.65393-65551$ | $2^{14}.65393-65557$ | $2^{14}.65393-65563$ | $2^{14}.65393-65579$ |
| $2^{14}.65393-65581$ | $2^{14}.65393-65587$ | $2^{14}.65393-65599$ | $2^{14}.65393-65609$ |
| $2^{14}.65393-65617$ | $2^{14}.65393-65629$ | $2^{14}.65393-65633$ | $2^{14}.65393-65647$ |
| $2^{14}.65393-65651$ | $2^{14}.65393-65657$ | $2^{14}.65407-65537$ | $2^{14}.65407-65539$ |
| $2^{14}.65407-65543$ | $2^{14}.65407-65551$ | $2^{14}.65407-65557$ | $2^{14}.65407-65563$ |
| $2^{14}.65407-65579$ | $2^{14}.65407-65581$ | $2^{14}.65407-65587$ | $2^{14}.65407-65599$ |
| $2^{14}.65407-65609$ | $2^{14}.65407-65617$ | $2^{14}.65407-65629$ | $2^{14}.65407-65633$ |
| $2^{14}.65407-65647$ | $2^{14}.65407-65651$ | $2^{14}.65407-65657$ | $2^{14}.65413-65537$ |
| $2^{14}.65413-65539$ | $2^{14}.65413-65543$ | $2^{14}.65413-65551$ | $2^{14}.65413-65557$ |
| $2^{14}.65413-65563$ | $2^{14}.65413-65579$ | $2^{14}.65413-65581$ | $2^{14}.65413-65587$ |
| $2^{14}.65413-65599$ | $2^{14}.65413-65609$ | $2^{14}.65413-65617$ | $2^{14}.65413-65629$ |
| $2^{14}.65413-65633$ | $2^{14}.65413-65647$ | $2^{14}.65413-65651$ | $2^{14}.65419-65537$ |
| $2^{14}.65419-65539$ | $2^{14}.65419-65543$ | $2^{14}.65419-65551$ | $2^{14}.65419-65557$ |
| $2^{14}.65419-65563$ | $2^{14}.65419-65579$ | $2^{14}.65419-65581$ | $2^{14}.65419-65587$ |
| $2^{14}.65419-65599$ | $2^{14}.65419-65609$ | $2^{14}.65419-65617$ | $2^{14}.65419-65629$ |
| $2^{14}.65419-65633$ | $2^{14}.65419-65647$ | $2^{14}.65423-65537$ | $2^{14}.65423-65539$ |
| $2^{14}.65423-65543$ | $2^{14}.65423-65551$ | $2^{14}.65423-65557$ | $2^{14}.65423-65563$ |
| $2^{14}.65423-65579$ | $2^{14}.65423-65581$ | $2^{14}.65423-65587$ | $2^{14}.65423-65599$ |
| $2^{14}.65423-65609$ | $2^{14}.65423-65617$ | $2^{14}.65423-65629$ | $2^{14}.65423-65633$ |
| $2^{14}.65437-65537$ | $2^{14}.65437-65539$ | $2^{14}.65437-65543$ | $2^{14}.65437-65551$ |
| $2^{14}.65437-65557$ | $2^{14}.65437-65563$ | $2^{14}.65437-65579$ | $2^{14}.65437-65581$ |
| $2^{14}.65437-65587$ | $2^{14}.65437-65599$ | $2^{14}.65437-65609$ | $2^{14}.65437-65617$ |

Table 41. All primitive weird numbers of form $2^{14}pq$. (Part 20)

| | | | |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| $2^{14} \cdot 65437 \cdot 65629$ | $2^{14} \cdot 65447 \cdot 65537$ | $2^{14} \cdot 65447 \cdot 65539$ | $2^{14} \cdot 65447 \cdot 65543$ |
| $2^{14} \cdot 65447 \cdot 65551$ | $2^{14} \cdot 65447 \cdot 65557$ | $2^{14} \cdot 65447 \cdot 65563$ | $2^{14} \cdot 65447 \cdot 65579$ |
| $2^{14} \cdot 65447 \cdot 65581$ | $2^{14} \cdot 65447 \cdot 65587$ | $2^{14} \cdot 65447 \cdot 65599$ | $2^{14} \cdot 65447 \cdot 65609$ |
| $2^{14} \cdot 65447 \cdot 65617$ | $2^{14} \cdot 65449 \cdot 65537$ | $2^{14} \cdot 65449 \cdot 65539$ | $2^{14} \cdot 65449 \cdot 65543$ |
| $2^{14} \cdot 65449 \cdot 65551$ | $2^{14} \cdot 65449 \cdot 65557$ | $2^{14} \cdot 65449 \cdot 65563$ | $2^{14} \cdot 65449 \cdot 65579$ |
| $2^{14} \cdot 65449 \cdot 65581$ | $2^{14} \cdot 65449 \cdot 65587$ | $2^{14} \cdot 65449 \cdot 65599$ | $2^{14} \cdot 65449 \cdot 65609$ |
| $2^{14} \cdot 65449 \cdot 65617$ | $2^{14} \cdot 65479 \cdot 65537$ | $2^{14} \cdot 65479 \cdot 65539$ | $2^{14} \cdot 65479 \cdot 65543$ |
| $2^{14} \cdot 65479 \cdot 65551$ | $2^{14} \cdot 65479 \cdot 65557$ | $2^{14} \cdot 65479 \cdot 65563$ | $2^{14} \cdot 65479 \cdot 65579$ |
| $2^{14} \cdot 65479 \cdot 65581$ | $2^{14} \cdot 65479 \cdot 65587$ | $2^{14} \cdot 65497 \cdot 65537$ | $2^{14} \cdot 65497 \cdot 65539$ |
| $2^{14} \cdot 65497 \cdot 65543$ | $2^{14} \cdot 65497 \cdot 65551$ | $2^{14} \cdot 65497 \cdot 65557$ | $2^{14} \cdot 65497 \cdot 65563$ |
| $2^{14} \cdot 65519 \cdot 65537$ | $2^{14} \cdot 65519 \cdot 65539$ | $2^{14} \cdot 65519 \cdot 65543$ | $2^{14} \cdot 65521 \cdot 65537$ |
| $2^{14} \cdot 65521 \cdot 65539$ | $2^{14} \cdot 65521 \cdot 65543$ | | |

Table 42. Large weird numbers of form $2^k pq$. (Part 1)

| # | p, q | Parameters | Proved by |
|----------------------------------|--|--|--|
| 1. (219 digits) $j=10, k=240$ | Error! (90 digits) $q=2^{241}+2^{158}\Phi_3\Phi_6\Phi_{12}-1$ (73 digits) | $P=3, \Delta=13$ $P=1, \Delta=5$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 2. (234 digits) $j=10, k=240$ | Error! (73 digits) Error! (89 digits) | $P=12, \Delta=148$ $P=3, \Delta=13$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 3. (256 digits) $j=11, k=254$ | Error! (97 digits) $q=2^{255}+2^{145}\Phi_1\Phi_8-1$ (80 digits) | $P=8, \Delta=68$ $P=1, \Delta=5$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 4. (248 digits) $j=11, k=254$ | Error! (80 digits) Error! (89 digits) | $P=5, \Delta=29$ $P=1, \Delta=5$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 5. (300 digits) $j=13, k=312$ | Error! (95 digits) Error! (112 digits) | $P=12, \Delta=148$ $P=1, \Delta=5$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.8 (Prop. 2) |
| 6. (305 digits) $j=14, k=336$ | Error! (102 digits) $q=2^{224}+2^{175}\Phi_3\Phi_6\Phi_8-1$ (102 digits) | $P=3, \Delta=13$ $P=1, \Delta=5$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |

Table 43. Large weird numbers of form $2^k pq$. (Part 2)

| # | p, q | Parameters | Proved by |
|----------------------------------|---|------------------|----------------------|
| 7. (353 digits) $j=14, k=336$ | $p=2^{337}+2^{120}\Phi_3\Phi_6-1$ (102 digits) | $P=5, \Delta=29$ | Thm. 4.2.8 (Prop. 2) |
| | Error! (150 digits) | $P=3, \Delta=13$ | Thm. 4.2.8 (Prop. 2) |

| | | | |
|-----------------------------------|--|---------------------------------------|--|
| 8. (368 digits) $j=15, k=360$ | Error! (151 digits) $q=2^{361}+2^{192}\Phi_6^{-1}$ (109 digits) | $P=13, \Delta=173$ $P=1, \Delta=5$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 9. (342 digits) $j=15, k=360$ | Error! (109 digits) Error! (125 digits) | $P=3, \Delta=13$ $P=5, \Delta=29$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.8 (Prop. 2) |
| 10. (376 digits) $j=16, k=384$ | Error! (116 digits) Error! (145 digits) | $P=3, \Delta=13$ $P=1, \Delta=5$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 11. (393 digits) $j=17, k=408$ | Error! (147 digits) Error! (124 digits) | $P=5, \Delta=29$ $P=7, \Delta=53$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 12. (388 digits) $j=17, k=408$ | Error! (142 digits) $q=2^{409}+2^{212}\Phi_4\Phi_6\Phi_8^{-1}$ (124 digits) | $P=1, \Delta=5$ $P=3, \Delta=13$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 13. (401 digits) $j=18, k=432$ | Error! (141 digits) $q=2^{433}+2^{220}\Phi_6\Phi_{24}^{-1}$ (131 digits) | $P=5, \Delta=29$ $P=8, \Delta=68$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 14. (409 digits) $j=18, k=432$ | Error! (131 digits) $q=2^{433}+2^{258}\Phi_2\Phi_8\Phi_{24}^{-1}$ (149 digits) | $P=7, \Delta=53$ $P=7, \Delta=53$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 15. (425 digits) $j=18, k=432$ | Error! (131 digits) Error! (165 digits) | $P=1, \Delta=5$ $P=8, \Delta=68$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.8 (Prop. 2) |
| 16. (463 digits) $j=18, k=432$ | $p=2^{433}+2^{162}\Phi_6^{-1}$ (131 digits) Error! (202 digits) | $P=1, \Delta=5$ $P=5, \Delta=29$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.8 (Prop. 2) |

Table 44. Large weird numbers of form $2^k pq$. (Part 3)

| # | p, q | Parameters | Proved by |
|-----------------------------------|--|--------------------------------------|--|
| 17. (441 digits) $j=19, k=456$ | Error! (166 digits) $q=2^{457}+2^{270}\Phi_1\Phi_4\Phi_6^{-1}$ (138 digits) | $P=1, \Delta=5$ $P=3, \Delta=13$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 18. (423 digits) $j=19, k=456$ | $p=2^{457}+2^{215}\Phi_1\Phi_6\Phi_{24}^{-1}$ (138 digits) Error! (148 digits) | $P=1, \Delta=5$ $P=5, \Delta=29$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.8 (Prop. 2) |
| 19. (444 digits) $j=20, k=480$ | Error! (155 digits) $q=2^{481}+2^{203}\Phi_1\Phi_6\Phi_{12}^{-1}$ (145 digits) | $P=5, \Delta=29$ $P=3, \Delta=13$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |

| | | | |
|-----------------------------------|---|--|--|
| 20. (461 digits) $j=20, k=480$ | Error! (145 digits) Error! (172 digits) | $P=5, \Delta=29$ $P=1, \Delta=5$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.8 (Prop. 2) |
| 21. (473 digits) $j=21, k=504$ | Error! (169 digits) Error! (153 digits) | $P=1, \Delta=5$ $P=13, \Delta=173$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 22. (459 digits) $j=21, k=504$ | Error! (153 digits) Error! (156 digits) | $P=1, \Delta=5$ $P=15, \Delta=229$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 23. (465 digits) $j=21, k=504$ | $p=2^{505}+2^{222}\Phi_6\Phi_8\Phi_{24}^{-1}$ (162 digits) Error! (153 digits) | $P=1, \Delta=5$ $P=7, \Delta=53$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 24. (527 digits) $j=21, k=504$ | $p=2^{505}+2^{241}\Phi_4\Phi_6^{-1}$ (153 digits) Error! (223 digits) | $P=12, \Delta=148$ $P=5, \Delta=29$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.8 (Prop. 2) |
| 25. (535 digits) $j=22, k=528$ | Error! (160 digits) Error! (216 digits) | $P=1, \Delta=5$ $P=7, \Delta=53$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.8 (Prop. 2) |
| 26. (574 digits) $j=25, k=600$ | $p=2^{601}+2^{209}\Phi_6\Phi_{24}^{-1}$ (181 digits) Error! (220 digits) | $P=1, \Delta=5$ $P=7, \Delta=53$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |

Table 45. Large weird numbers of form $2^k pq$. (Part 4)

| # | p, q | Parameters | Proved by |
|-----------------------------------|---|---------------------------------------|--|
| 27. (597 digits) $j=26, k=624$ | Error! (221 digits) Error! (189 digits) | $P=1, \Delta=5$ $P=12, \Delta=148$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 28. (574 digits) $j=26, k=624$ | Error! (189 digits) $q=2^{457}+2^{396}\Phi_3\Phi_8\Phi_{12}^{-1}$ (198 digits) | $P=5, \Delta=29$ $P=1, \Delta=5$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 29. (618 digits) $j=27, k=648$ | Error! (228 digits) $q=2^{649}+2^{327}\Phi_8\Phi_{12}^{-1}$ (196 digits) | $P=7, \Delta=53$ $P=7, \Delta=53$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 30. (667 digits) $j=28, k=672$ | Error! (262 digits) $q=2^{673}+2^{366}\Phi_1\Phi_2\Phi_4^{-1}$ (203 digits) | $P=1, \Delta=5$ $P=7, \Delta=53$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 31. (698 digits) $j=29, k=696$ | Error! (279 digits) $q=2^{697}+2^{383}\Phi_2\Phi_4^{-1}$ (210 digits) | $P=5, \Delta=29$ $P=3, \Delta=13$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |

| | | | |
|-----------------------------------|--|--------------------------------------|--|
| 32. (681 digits) $j=29, k=696$ | Error! (210 digits) Error! (261 digits) | $P=3, \Delta=13$ $P=8, \Delta=68$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.8 (Prop. 2) |
| 33. (657 digits) $j=30, k=720$ | Error! (218 digits) $q=2^{721}+2^{469}\Phi_2\Phi_{24}$ (223 digits) | $P=1, \Delta=5$ $P=5, \Delta=29$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 34. (775 digits) $j=33, k=792$ | Error! (239 digits) Error! (298 digits) | $P=7, \Delta=53$ $P=1, \Delta=5$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.8 (Prop. 2) |
| 35. (777 digits) $j=34, k=816$ | Error! (246 digits) Error! (286 digits) | $P=7, \Delta=53$ $P=3, \Delta=13$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 36. (874 digits) $j=39, k=936$ | Error! (283 digits) Error! (311 digits) | $P=1, \Delta=5$ $P=5, \Delta=29$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |

Table 46. Large weird numbers of form $2^k pq$. (Part 5)

| # | p, q | Parameters | Proved by |
|-------------------------------------|---|--|--|
| 37. (913 digits) $j=40, k=960$ | Error! (290 digits) Error! (334 digits) | $P=1, \Delta=5$ $P=7, \Delta=53$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.8 (Prop. 2) |
| 38. (1013 digits) $j=44, k=1056$ | Error! (319 digits) Error! (377 digits) | $P=7, \Delta=53$ $P=1, \Delta=5$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 39. (1016 digits) $j=45, k=1080$ | Error! (366 digits) Error! (326 digits) | $P=5, \Delta=29$ $P=5, \Delta=29$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 40. (1004 digits) $j=45, k=1080$ | Error! (326 digits) Error! (354 digits) | $P=3, \Delta=13$ $P=5, \Delta=29$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 41. (1184 digits) $j=47, k=1128$ | $p=2^{1129}+2^{537}\Phi_2^{-1}$ (340 digits) Error! (504 digits) | $P=3, \Delta=13$ $P=5, \Delta=29$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.8 (Prop. 2) |
| 42. (1118 digits) $j=50, k=1200$ | Error! (395 digits) $q=2^{1201}+2^{609}\Phi_8\Phi_{12}^{-1}$ (362 digits) | $P=7, \Delta=53$ $P=1, \Delta=5$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 43. (1177 digits) $j=50, k=1200$ | $p=2^{1201}+2^{545}\Phi_1\Phi_4\Phi_{12}$ (362 digits) Error! (454 digits) | $P=1, \Delta=5$ $P=5, \Delta=29$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.8 (Prop. 2) |
| 44. (1137 digits) $j=51, k=1124$ | Error! (400 digits) Error! (369 digits) | $P=15, \Delta=229$ $P=3, \Delta=13$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 45. (1163 digits) | Error! (397 digits) | $P=7, \Delta=53$ | Thm. 4.2.8 (Prop. 2) |

| | | | |
|-------------------|---|------------------|----------------------|
| $j=53, k=1272$ | $q=2^{1273} + 2^{806} \Phi_4 \Phi_6 \Phi_8 - 1$ (384 digits) | $P=7, \Delta=53$ | Thm. 4.2.3 (Prop. 1) |
| 46. (1216 digits) | Error! (406 digits) | $P=3, \Delta=13$ | Thm. 4.2.8 (Prop. 2) |
| $j=56, k=1344$ | Error! (406 digits) | $P=7, \Delta=53$ | Thm. 4.2.3 (Prop. 1) |

Table 47. Large weird numbers of form $2^k pq$. (Part 6)

| # | p, q | Parameters | Proved by |
|-------------------|---|--------------------|----------------------|
| 47. (1261 digits) | Error! (413 digits) | $P=7, \Delta=53$ | Thm. 4.2.8 (Prop. 2) |
| $j=57, k=1368$ | Error! (437 digits) | $P=5, \Delta=29$ | Thm. 4.2.3 (Prop. 1) |
| 48. (1327 digits) | Error! (420 digits) | $P=3, \Delta=13$ | Thm. 4.2.8 (Prop. 2) |
| $j=58, k=1392$ | Error! (488 digits) | $P=1, \Delta=5$ | Thm. 4.2.3 (Prop. 1) |
| 49. (1388 digits) | Error! (434 digits) | $P=1, \Delta=5$ | Thm. 4.2.8 (Prop. 2) |
| $j=60, k=1440$ | Error! (521 digits) | $P=7, \Delta=53$ | Thm. 4.2.3 (Prop. 1) |
| 50. (1405 digits) | Error! (494 digits) | $P=7, \Delta=53$ | Thm. 4.2.8 (Prop. 2) |
| $j=63, k=1512$ | Error! (456 digits) | $P=1, \Delta=5$ | Thm. 4.2.3 (Prop. 1) |
| 51. (1384 digits) | Error! (473 digits) | $P=17, \Delta=293$ | Thm. 4.2.8 (Prop. 2) |
| $j=63, k=1512$ | Error! (456 digits) | $P=1, \Delta=5$ | Thm. 4.2.3 (Prop. 1) |
| 52. (1541 digits) | Error! (470 digits) | $P=1, \Delta=5$ | Thm. 4.2.8 (Prop. 2) |
| $j=65, k=1560$ | Error! (602 digits) | $P=5, \Delta=29$ | Thm. 4.2.3 (Prop. 1) |
| 53. (1511 digits) | Error! (557 digits) | $P=5, \Delta=29$ | Thm. 4.2.8 (Prop. 2) |
| $j=66, k=1584$ | Error! (470 digits) | $P=5, \Delta=29$ | Thm. 4.2.3 (Prop. 1) |
| 54. (1655 digits) | $p=2^{1609} + 2^{739} \Phi_1 \Phi_2 \Phi_4 - 1$ (485 digits) | $P=3, \Delta=13$ | Thm. 4.2.8 (Prop. 2) |
| $j=67, k=1608$ | Error! (686 digits) | $P=1, \Delta=5$ | Thm. 4.2.8 (Prop. 2) |
| 55. (1781 digits) | $p=2^{1729} + 2^{640} \Phi_2 \Phi_3 \Phi_4 - 1$ (521 digits) | $P=1, \Delta=5$ | Thm. 4.2.8 (Prop. 2) |
| $j=72, k=1728$ | Error! (740 digits) | $P=5, \Delta=29$ | Thm. 4.2.8 (Prop. 2) |
| 56. (1691 digits) | Error! (636 digits) | $P=18, \Delta=328$ | Thm. 4.2.8 (Prop. 2) |
| $j=73, k=1752$ | $q=2^{1753} + 2^{1031} \Phi_2 \Phi_8 - 1$ (528 digits) | $P=3, \Delta=13$ | Thm. 4.2.3 (Prop. 1) |

Table 48. Large weird numbers of form $2^k pq$. (Part 7)

| # | p, q | Parameters | Proved by |
|-------------------|----------------------------|------------------|----------------------|
| 57. (1736 digits) | Error! (528 digits) | $P=1, \Delta=5$ | Thm. 4.2.8 (Prop. 2) |
| $j=73, k=1752$ | Error! (681 digits) | $P=3, \Delta=13$ | Thm. 4.2.8 (Prop. 2) |

| | | | |
|--------------------------------------|---|--|--|
| 58. (1691 digits) $j=73, k=1752$ | Error! (636 digits) $q=2^{1753} + 2^{1031} \Phi_2 \Phi_8 - 1$ (528 digits) | $P=18, \Delta=328$ $P=3, \Delta=13$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 59. (1736 digits) $j=73, k=1752$ | Error! (528 digits) Error! (681 digits) | $P=1, \Delta=5$ $P=3, \Delta=13$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.8 (Prop. 2) |
| 60. (1669 digits) $j=75, k=1800$ | Error! (585 digits) Error! (543 digits) | $P=1, \Delta=5$ $P=5, \Delta=29$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 61. (1633 digits) $j=753, k=1800$ | Error! (549 digits) Error! (543 digits) | $P=5, \Delta=29$ $P=3, \Delta=13$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 62. (1758 digits) $j=79, k=1896$ | Error! (572 digits) Error! (616 digits) | $P=1, \Delta=5$ $P=5, \Delta=29$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.8 (Prop. 2) |
| 63. (1912 digits) $j=79, k=1896$ | $p=2^{1897} + 2^{763} \Phi_6 \Phi_{12} - 1$ (572 digits) Error! (770 digits) | $P=5, \Delta=29$ $P=5, \Delta=29$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.8 (Prop. 2) |
| 64. (1893 digits) $j=85, k=2040$ | Error! (615 digits) Error! (665 digits) | $P=5, \Delta=29$ $P=1, \Delta=5$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.8 (Prop. 2) |
| 65. (2077 digits) $j=89, k=2136$ | Error! (644 digits) Error! (791 digits) | $P=7, \Delta=53$ $P=1, \Delta=5$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |
| 66. (1993 digits) $j=903, k=2160$ | Error! (692 digits) Error! (651 digits) | $P=3, \Delta=13$ $P=7, \Delta=53$ | Thm. 4.2.8 (Prop. 2) Thm. 4.2.3 (Prop. 1) |