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17 December 1991

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Neil James Alexander Sloane
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Bell Telephone Laboratories, Inc.
Murry Hill, NJ 07974
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Subject: A Hdbk of Integer Sequences

Dear Dr. Sloane,

Please notice the following sequence for your
second edition: 1, 2, 4, 6, 16, 12, 64, 24, 36, 48, 1024,
60, 4096, 192, 144, 120, 65536, 180, 262144, 240, 576,
3072, 4194304, 360, 1296, 12288, 900, 960, 268435456,
720, 1073741824, 840, 9216, 196608, 5184, 1260,
68719476736, 786432, 36864, 1680, 1099511627776, 2880,
4398046511104, 15360, 3600, 20971520, 70368744177664,
2520, 46656, 6480, 589824, 61440, 4503599627370496,
6300, 82944, 6720, 2359296, 805306368, 2^{58} , 5040, ...

This sequence is infinite, non repeating and is
of a fundamental arithmetic function. The above
sequence is the first number which has "n"
divisors. Possible references are CRC Std Math.
Hdbk., AS1 & BE3. I included as a subset of
this sequence is Seq. Nbr. 385. This is analogous to
Seq. Nbr. 1075 being a subset of Seq. Nbr. 241.

Sequentially yours,

Robert G. Wilson
Ph.D. ATP/CF&GI