

Lista de números perfectos

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Los números perfectos son generados por la fórmula $2^{p-1}(2^p - 1)$, donde p y $2^p - 1$ son primos.

| Pos. | p | Número perfecto | Nº dígitos | Año | Descubridor |
|------|------------|---------------------------|------------|------|--|
| 1 | 2 | 6 | 1 | ? | |
| 2 | 3 | 28 | 2 | ? | |
| 3 | 5 | 496 | 3 | ? | |
| 4 | 7 | 8 128 | 4 | ? | |
| 5 | 13 | 33 550 336 | 8 | 1456 | anónimo |
| 6 | 17 | 8 589 869 056 | 10 | 1588 | Cataldi |
| 7 | 19 | 137 438 691 328 | 12 | 1588 | Cataldi |
| 8 | 31 | 2 305 843 008 139 952 128 | 19 | 1772 | Euler |
| 9 | 61 | 265845599...953842176 | 37 | 1883 | Pervushin |
| 10 | 89 | 191561942...548169216 | 54 | 1911 | Powers |
| 11 | 107 | 131640364...783728128 | 65 | 1914 | Powers |
| 12 | 127 | 144740111...199152128 | 77 | 1876 | Lucas |
| 13 | 521 | 235627234...555646976 | 314 | 1952 | Robinson |
| 14 | 607 | 141053783...537328128 | 366 | 1952 | Robinson |
| 15 | 1 279 | 541625262...984291328 | 770 | 1952 | Robinson |
| 16 | 2 203 | 108925835...453782528 | 1327 | 1952 | Robinson |
| 17 | 2 281 | 994970543...139915776 | 1373 | 1952 | Robinson |
| 18 | 3 217 | 335708321...628525056 | 1937 | 1957 | Riesel |
| 19 | 4 253 | 182017490...133377536 | 2561 | 1961 | Hurwitz |
| 20 | 4 423 | 407672717...912534528 | 2663 | 1961 | Hurwitz |
| 21 | 9 689 | 114347317...429577216 | 5834 | 1963 | Gillies |
| 22 | 9 941 | 598885496...073496576 | 5985 | 1963 | Gillies |
| 23 | 11 213 | 395961321...691086336 | 6751 | 1963 | Gillies |
| 24 | 19 937 | 931144559...271942656 | 12003 | 1971 | Tuckerman |
| 25 | 21 701 | 100656497...141605376 | 13066 | 1978 | Noll y Nickel |
| 26 | 23 209 | 811537765...941666816 | 13973 | 1979 | Noll |
| 27 | 44 497 | 365093519...031827456 | 26790 | 1979 | Nelson y Slowinski |
| 28 | 86 243 | 144145836...360406528 | 51924 | 1982 | Slowinski |
| 29 | 110 503 | 136204582...603862528 | 66530 | 1988 | Colquitt y Welsh |
| 30 | 132 049 | 131451295...774550016 | 79502 | 1983 | Slowinski |
| 31 | 216 091 | 278327459...840880128 | 130100 | 1985 | Slowinski |
| 32 | 756 839 | 151616570...565731328 | 455663 | 1992 | Slowinski y Gage |
| 33 | 859 433 | 838488226...416167936 | 517430 | 1994 | Slowinski y Gage |
| 34 | 1257 787 | 849732889...118704128 | 757263 | 1996 | Slowinski y Gage |
| 35 | 1398 269 | 331882354...723375616 | 841842 | 1996 | Armengaud, Woltman, et. al. (GIMPS) |
| 36 | 2976 221 | 194276425...174462976 | 1791864 | 1997 | Spence, Woltman, et. al. (GIMPS) |
| 37 | 3021 377 | 811686848...022457856 | 1819050 | 1998 | Clarkson, Woltman, Kurowski, et. al. (GIMPS) |
| 38 | 6972 593 | 955176030...123572736 | 4197919 | 1999 | Hajratwala, Woltman, Kurowski, et. al. (GIMPS) |
| 39 | 13 466 917 | 427764159...863021056 | 8107892 | 2001 | Cameron, Woltman, Kurowski, et. al. (GIMPS) |
| 40 | 20 996 011 | 793508909...206896128 | 12640858 | 2003 | Shafer, Woltman, Kurowski, et. al. (GIMPS) |
| 41 | 24 036 583 | 448233026...572950528 | 14471465 | 2004 | Findley, Woltman, Kurowski, et. al. (GIMPS) |
| 42 | 25 964 951 | 746209841...791088128 | 15632458 | 2005 | Nowak, Woltman, Kurowski, et. al. (GIMPS) |
| 43 | 30 402 457 | 497437765...164704256 | 18304103 | 2005 | Cooper, Boone, Woltman, Kurowski, et al. (GIMPS) |
| 44 | 32 582 657 | 775946855...577120256 | 19616714 | 2006 | Cooper, Boone, Woltman, Kurowski, et al. (GIMPS) |

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|------|------------|------------------------|------------|------|---|
| 45 | 37 156 667 | 204534225...074480128 | 22370543 | 2008 | Elvenich, Woltman, Kurowski, et al. (GIMPS) |
| 46 | 42 643 801 | 144285057...377253376 | 25674127 | 2009 | Strindmo, Woltman, Kurowski, et al. (GIMPS) |
| 47 | 43 112 609 | 500767156...145378816 | 25956377 | 2008 | Smith, Woltman, Kurowski, et al. (GIMPS) |
| 48 | 57 885 161 | 169296395... 270130176 | 34850340 | 2013 | Curtis Cooper, Kurowski, et al. (GIMPS) |
| 49 ? | 74 207 281 | 451129962... 930315776 | 44677235 | 2016 | Cooper, Woltman, Kurowski, Blosser, et al. (GIMPS) |
| 50 ? | 77 232 917 | 109200152... 016301056 | 46498850 | 2017 | Pace, Woltman, Kurowski, Blosser, et al. (GIMPS) |
| 51 ? | 82 589 933 | 110847779... 191207936 | 49724095 | 2018 | Laroche, Woltman, Kurowski, Blosser, et al. (GIMPS) |

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