

Table163_[(xz)-(xz)]divide24

| Table163_[(xz)-(xz)]divide24 | | | | | | | | | | p=ODD-ODD | p=EVEN-EVEN | p=ODD-EVEN | p=EVEN-ODD |
|------------------------------|----|-------------------|-------------------|-------------------|-----------------------|--------------------|--------------------------|---------------------------|---|-----------|-------------|------------|------------|
| line # | p | x | y | z | xz=PN | PN-PN/24 | (x+z+1)/24 | 2PN/2 to ODD=y | (4PN/X _{next})+1=y _{next-next} | | | | |
| 1 | 2 | 2 | 1 | 3 | 6 | | | | | | | | |
| 2 | 3 | 4 | 3 | 7 | 28 | | | | | | | | |
| 3 | 4 | 8 | 7 | 15 | 120 | | | | | | | | |
| 4 | 5 | 16 | 15 | 31 | 496 | | 79 | 15.6666666666667 | | | | | |
| 5 | 6 | 32 | 31 | 63 | 2016 | 318 | | | 63.3333333333333 | | | | |
| 6 | 7 | 64 | 63 | 127 | 8128 | | 1276 | 254.666666666667 | | | | | |
| 7 | 8 | 128 | 127 | 255 | 32640 | 5112 | | | 1021.33333333333 | | | | |
| 8 | 9 | 256 | 255 | 511 | 130816 | | 20464 | 4090.66666666667 | | | | | |
| 9 | 10 | 512 | 511 | 1023 | 523776 | 81888 | | | 16373.3333333333 | | | | |
| 10 | 11 | 1024 | 1023 | 2047 | 2096128 | | 327616 | 65514.6666666667 | | | | | |
| 11 | 12 | 2048 | 2047 | 4095 | 8386560 | 1310592 | | | 262101.333333333 | | | | |
| 12 | 13 | 4096 | 4095 | 8191 | 33550336 | | 5242624 | 1048490.66666667 | | | | | |
| 13 | 14 | 8192 | 8191 | 16383 | 134209536 | 20971008 | | | 4194133.33333333 | | | | |
| 14 | 15 | 16384 | 16383 | 32767 | 536854528 | | 83885056 | 16776874.6666667 | | | | | |
| 15 | 16 | 32768 | 32767 | 65535 | 2147450880 | 335542272 | | | 67108181.3333333 | | | | |
| 16 | 17 | 65536 | 65535 | 131071 | 8589869056 | | 1342173184 | 268434090.666667 | | | | | |
| 17 | 18 | 131072 | 131071 | 262143 | 34359607296 | 5368700928 | | | 1073739093.33333 | | | | |
| 18 | 19 | 262144 | 262143 | 524287 | 137438691328 | | 21474820096 | 4294961834.66667 | | | | | |
| 19 | 20 | 524288 | 524287 | 1048575 | 549755289600 | 85899313152 | | | 17179858261.3333 | | | | |
| 20 | 21 | 1048576 | 1048575 | 2097151 | 2199022206976 | | 343597318144 | 68719454890.6667 | | | | | |
| 21 | 22 | 2097152 | 2097151 | 4194303 | 8796090925056 | 1374389403648 | | | 274877863253.333 | | | | |
| 22 | 23 | 4194304 | 4194303 | 8388607 | 35184367894528 | | 5497557876736 | 1099511540394.67 | | | | | |
| 23 | 24 | 8388608 | 8388607 | 16777215 | 140737479966720 | 21990232031232 | | | 4398046336341.33 | | | | |
| 24 | 25 | 16777216 | 16777215 | 33554431 | 562949936644096 | | 87960929173504 | 17592185694890.7 | | | | | |
| 25 | 26 | 33554432 | 33554431 | 67108863 | 2251799780130816 | 351843718791168 | | | 70368743478613.3 | | | | |
| 26 | 27 | 67108864 | 67108863 | 134217727 | 9007199187632128 | | 1407374879358976 | 281474975312554.7 | | | | | |
| 27 | 28 | 134217728 | 134217727 | 268435455 | 36028796884746240 | 5629499525824512 | | | 1125899904046421.333 | | | | |
| 28 | 29 | 268435456 | 268435455 | 536870911 | 144115187807420416 | | 22517998120075264 | 4503599621778090.7 | | | | | |
| 29 | 30 | 536870912 | 536870911 | 1073741823 | 576460751766552576 | 90071992513855488 | | | 18014398498297173.333 | | | | |
| 30 | 31 | 1073741824 | 1073741823 | 2147483647 | 2305843008139952128 | | 360287970122531000 | 72057594015558300 | | | | | |
| 31 | 32 | 2147483648 | 2147483647 | 4294967295 | 9223372034707290000 | 144115188062434000 | | | 288230376106972000 | | | | |
| 32 | 33 | 4294967296 | 4294967295 | 8589934591 | 36893488143124100000 | | 5764607522765780000 | 1152921504517370000 | | | | | |
| 33 | 34 | 8589934592 | 8589934591 | 17179869183 | 14757395258108600000 | 230584300916001000 | | | 4611686018248410000 | | | | |
| 34 | 35 | 17179869184 | 17179869183 | 34359738367 | 59029581034152600000 | | 92233720367473900000 | 18446744073351700000 | | | | | |
| 35 | 36 | 34359738368 | 34359738367 | 68719476735 | 23611832414004600000 | 368934881472044000 | | | 73786976294122300000 | | | | |
| 36 | 37 | 68719476736 | 68719476735 | 137438953471 | 94447329656705700000 | 590295810357848000 | | | 118059162071455000000 | | | | |
| 37 | 38 | 137438953472 | 137438953471 | 274877906943 | 37778931862819700000 | | 147573952589247000000 | 295147905177921000000 | | | | | |
| 38 | 39 | 274877906944 | 274877906943 | 549755813887 | 15111572745155400000 | | 2361183241433110000000 | 4722366482863930000000 | | | | | |
| 39 | 40 | 549755813888 | 549755813887 | 1099511627775 | 60446290980676500000 | 944473296573586000 | | | 18889465931467100000000 | | | | |
| 40 | 41 | 1099511627776 | 1099511627775 | 2199023255551 | 241785163922816000000 | | 37778931862950300000000 | 75557863725891500000000 | | | | | |
| 41 | 42 | 2199023255552 | 2199023255551 | 4398046511103 | 967140655691483000000 | 151115727451815000 | | | 30223145490361100000000 | | | | |
| 42 | 43 | 4398046511104 | 4398046511103 | 8796093022207 | 38685626227663700000 | | 60446290980728800000000 | 120892581961454000000000 | | | | | |
| 43 | 44 | 8796093022208 | 8796093022207 | 1759218604415 | 15474250491066400000 | 241785163922921000 | | | 48357032784583500000000 | | | | |
| 44 | 45 | 1759218604416 | 1759218604415 | 35184372088831 | 61897001964267300000 | | 96714065569169400000000 | 19342813113833700000000 | | | | | |
| 45 | 46 | 35184372088832 | 35184372088831 | 70368744177663 | 24758800785707300000 | 386856262276679000 | | | 773712524553357000000000 | | | | |
| 46 | 47 | 70368744177664 | 70368744177663 | 140737488355327 | 99035203142829700000 | | 15474250491067200000000 | 309485009821343000000000 | | | | | |
| 47 | 48 | 140737488355328 | 140737488355327 | 281474976710655 | 39614081257132000000 | 618970019642688000 | | | 123794003928538000000000 | | | | |
| 48 | 49 | 281474976710656 | 281474976710655 | 562949953421311 | 15845632502852800000 | | 2475880078570500000000 | 495176015714150000000000 | | | | | |
| 49 | 50 | 562949953421312 | 562949953421311 | 1125899906842620 | 63825300114112000000 | 990352031428297000 | | | 198070406285660000000000 | | | | |
| 50 | 51 | 1125899906842620 | 1125899906842620 | 2251799813685240 | 25353012004564400000 | | 39614081257132000000000 | 792281625142637000000000 | | | | | |
| 51 | 52 | 2251799813685240 | 2251799813685240 | 4503599627370480 | 10141204801825800000 | 158456325028528000 | | | 316912650057057000000000 | | | | |
| 52 | 53 | 4503599627370480 | 4503599627370480 | 9007199254740960 | 40564819207303100000 | | 63825300114109000000000 | 126765060022822000000000 | | | | | |
| 53 | 54 | 9007199254740960 | 9007199254740960 | 18014398509481900 | 16225927682921200000 | 253530120045643000 | | | 507060240091287000000000 | | | | |
| 54 | 55 | 18014398509481900 | 18014398509481900 | 36028797018963800 | 64903710731684700000 | | 101412048018257000000000 | 202824096036515000000000 | | | | | |
| 55 | 56 | 36028797018963800 | 36028797018963800 | 7205759403927600 | 25961484292673900000 | 405648192073027000 | | | 811296384146060000000000 | | | | |
| 56 | 57 | 7205759403927600 | 7205759403927600 | 14411518807585500 | 10384593717069500000 | | 162259276829211000000000 | 3245185536584210000000000 | | | | | |
| 57 | 58 | 14411518807585500 | 14411518807585500 | 28823037615171000 | 41538374868278100000 | 649037107316844000 | | | 1298074214633690000000000 | | | | |
| 58 | 59 | 28823037615171000 | 28823037615171000 | 57646075230342000 | 16615349947311200000 | | 25961484292673800000000 | 519229685853475000000000 | | | | | |
| 59 | 60 | 57646075230342000 | 57646075230342000 | 11529215046068400 | 66461399789245000000 | 103845937170695000 | | | 207691874341391000000000 | | | | |
| 60 | 61 | 11529215046068400 | 11529215046068400 | 23058430092136800 | 26584559915698000000 | | 415383748682781000000000 | 830767497365563000000000 | | | | | |
| 61 | 62 | 23058430092136800 | 23058430092136800 | 46116860184273600 | 10633823966279200000 | 166153499473113000 | | | 332306998946225000000000 | | | | |
| 62 | 63 | 46116860184273600 | 46116860184273600 | 92233720368547200 | 42535295865116800000 | | 664613997892449000000000 | 132922799578490000000000 | | | | | |
| 63 | 64 | 92233720368547200 | 92233720368547200 | 18446744073709400 | 17014118346407700000 | 265845599156979000 | | | 531691198313959000000000 | | | | |
| 64 | 65 | 18446744073709400 | 18446744073709400 | 36893488147418800 | 68056473384186600000 | | 106338239662791000000000 | 212676479325583000000000 | | | | | |
| 65 | 66 | 36893488147418800 | 36893488147418800 | 73786976294837600 | 2722589353674600000 | 425352958651164000 | | | 850705917302331000000000 | | | | |
| 66 | 67 | 73786976294837600 | 73786976294837600 | 14757395258967500 | 10889035741469800000 | | 170141183460466000000000 | 340282366920931000000000 | | | | | |
| 67 | 68 | 14757395258967500 | 14757395258967500 | 29514790517935000 | 43556142965879300000 | 680564733841863000 | | | 136112946768373000000000 | | | | |
| 68 | 69 | 29514790517935000 | 29514790517935000 | 59029581035870000 | 17422457186351700000 | | 2722589353674600000000 | 544451787073490000000000 | | | | | |
| 69 | 70 | 59029581035870000 | 59029581035870000 | 11805916207174000 | 69689828745406900000 | 108890357414698000 | | | 217780714829397000000000 | | | | |
| 70 | 71 | 11805916207174000 | 11805916207174000 | 23611832414348000 | 27875931498162700000 | | 43556142965879300000000 | 871122859317584000000000 | | | | | |
| 71 | 72 | 23611832414348000 | 23611832414348000 | 47223664828696000 | 11150372599265100000 | 174224571863517000 | | | 348449143727035000000000 | | | | |
| 72 | 73 | 47223664828696000 | 47223664828696000 | 94447329657392000 | 44601490397060400000 | | 69689828745407000000000 | 139379657490814000000000 | | | | | |
| 73 | 74 | 94447329657392000 | 94447329657392000 | 18889465931478400 | 17840596158824200000 | 278759314981627000 | | | 557518629963257000000000 | | | | |
| 74 | 75 | 18889465931478400 | 18889465931478400 | 37778931862956800 | 71362384635296600000 | | 11150372599265100000000 | 223007451985302000000000 | | | | | |
| 75 | 76 | 37778931862956800 | 37778931862956800 | 75557863725913600 | 28544953854118700000 | 446014903970601000 | | | 892029807941210000000000 | | | | |
| 76 | 77 | 75557863725913600 | 75557863725913600 | 15111572745182700 | 11417981541647400000 | | 17840596158824100000000 | 356811923176480000000000 | | | | | |
| 77 | 78 | 15111572745182700 | 15111572745182700 | 30223145490365400 | 45671926166589700000 | 713623846352965000 | | | 142724769270593000000000 | | | | |
| 78 | 79 | 30223145490365400 | 30223145490365400 | 60446290980730800 | 18268770466635900000 | | 28544953854118700000000 | 570899770823720000000000 | | | | | |
| 79 | 80 | 60446290980730800 | 60446290980730800 | 12089258196146200 | 73075081866543800000 | 114179815416475000 | | | 228359630832950000000000 | | | | |
| 80 | 81 | 12089258196146200 | 12089258196146200 | 24178516392292400 | 29230032746617600000 | | 456719261665898000000000 | 913438523331801000000000 | | | | | |
| 81 | 82 | 24178516392292400 | 24178516392292400 | 48357032784584800 | 11692013098647000000 | 182687704666360000 | | | 365375409332718000000000 | | | | |
| 82 | 83 | 48357032784584800 | 48357032784584800 | 96714065569169600 | 46768052394588200000 | | 73075081866544200000000 | 146150163730880000000000 | | | | | |
| 83 | 84 | 96714065569169600 | 96714065569169600 | 19342813113833900 | 18707220957835300000 | 292300327466175000 | | | 584600654932353000000000 | | | | |
| 84 | 85 | 19342813113833900 | 19342813113833900 | 38685626227667800 | | | | | | | | | |