

powers

| duodecimal myriad system for pure numbers | | | | exponential system | | | | | |
|---|---------------------|----------------|-----------------------|--------------------|----------|-------------------|----------|-------|-------------------|
| value | notation | called | origin of prefix part | power | notation | power | notation | power | notation |
| 12 ⁻¹²⁸ | 1/M ²⁰ @ | byllillino | Latin | 0 | | | | | |
| 12 ⁻⁶⁴ | 1/M ¹⁰ @ | myllillino | Latin | 1 | _D | *M ^{@1} | -1 | _d | /M ^{@1} |
| 12 ⁻⁵⁶ | 1/M ⁷ | mibitryllino | | 2 | _H | *M ^{@2} | -2 | _c | /M ^{@2} |
| 12 ⁻⁴⁸ | 1/M ⁶ | bitryllino | | 3 | _K | *M ^{@3} | -3 | _m | /M ^{@3} |
| 12 ⁻⁴⁰ | 1/M ⁵ | mitryllino | | 4 | _S | *M ^{@4} | -4 | _s | /M ^{@4} |
| 12 ⁻³² | 1/M ⁴ | tryllino | Latin/Greek | 5 | _+m | *M ^{@5} | -5 | _K | /M ^{@5} |
| 12 ⁻²⁴ | 1/M ³ | mibyllino | | 6 | _+c | *M ^{@6} | -6 | _H | /M ^{@6} |
| 12 ⁻¹⁶ | 1/M ² | byllino | Latin | 7 | _+d | *M ^{@7} | -7 | _D | /M ^{@7} |
| 12 ⁻⁸ | 1/M ¹ | myllino | Latin | 8 | _+ | *M | -8 | - | /M |
| 12 ⁻⁷ | 1/M ^{@7} | mibitryno | | 9 | _+D | *M ^{1@1} | -9 | _d | /M ^{1@1} |
| 12 ⁻⁶ | 1/M ^{@6} | bitryno | | 10 | _+H | *M ^{1@2} | -10 | _c | /M ^{1@2} |
| 12 ⁻⁵ | 1/M ^{@5} | mitryno | | 11 | _+K | *M ^{1@3} | -11 | _m | /M ^{1@3} |
| 12 ⁻⁴ | 1/M ^{@4} | tryno | | 12 | _+S | *M ^{1@4} | -12 | _s | /M ^{1@4} |
| 12 ⁻³ | 1/M ^{@3} | mibyno | | 13 | _2+m | *M ^{1@5} | -13 | _2-K | /M ^{1@5} |
| 12 ⁻² | 1/M ^{@2} | byno | | 14 | _2+c | *M ^{1@6} | -14 | _2-H | /M ^{1@6} |
| 12 ⁻¹ | 1/M ^{@1} | myno | | 15 | _2+d | *M ^{1@7} | -15 | _2-D | /M ^{1@7} |
| 12 ⁰ | 1 | one | Germanic | 16 | _2+ | *M ² | -16 | _2- | /M ² |
| 12 ¹ | 10; | dozen | Old Norse | 17 | _2+D | *M ^{2@1} | -17 | _2-d | /M ^{2@1} |
| 12 ² | 100; | gross | Old French | 18 | _2+H | *M ^{2@2} | -18 | _2-c | /M ^{2@2} |
| 12 ³ | 1000; | migross | | 19 | _2+K | *M ^{2@3} | -19 | _2-m | /M ^{2@3} |
| 12 ⁴ | 1,0000; | myriad | Greek | 20 | _2+S | *M ^{2@4} | -20 | _2-s | /M ^{2@4} |
| 12 ⁵ | 10,0000; | dozen myriad | | 21 | _3+m | *M ^{2@5} | -21 | _3-K | /M ^{2@5} |
| 12 ⁶ | 100,0000; | gross myriad | | 22 | _3+c | *M ^{2@6} | -22 | _3-H | /M ^{2@6} |
| 12 ⁷ | 1000,0000; | migross myriad | | 23 | _3+d | *M ^{2@7} | -23 | _3-D | /M ^{2@7} |
| 12 ⁸ | 1*M ¹ | myllion | Latin | 24 | _3+ | *M ³ | -24 | _3- | /M ³ |
| 12 ¹⁶ | 1*M ² | byllion | Latin | 25 | _3+D | *M ^{3@1} | -25 | _3-d | /M ^{3@1} |
| 12 ²⁴ | 1*M ³ | mibyllion | | 26 | _3+H | *M ^{3@2} | -26 | _3-c | /M ^{3@2} |
| 12 ³² | 1*M ⁴ | tryllion | Latin/Greek | 27 | _3+K | *M ^{3@3} | -27 | _3-m | /M ^{3@3} |
| 12 ⁴⁰ | 1*M ⁵ | mitryllion | | 28 | _3+S | *M ^{3@4} | -28 | _3-s | /M ^{3@4} |
| 12 ⁴⁸ | 1*M ⁶ | bitryllion | | 29 | _4+m | *M ^{3@5} | -29 | _4-K | /M ^{3@5} |
| 12 ⁵⁶ | 1*M ⁷ | mibitryllion | | 30 | _4+c | *M ^{3@6} | -30 | _4-H | /M ^{3@6} |
| 12 ⁶⁴ | 1*M ¹⁰ @ | myllillion | Latin | 31 | _4+d | *M ^{3@7} | -31 | _4-D | /M ^{3@7} |
| 12 ¹²⁸ | 1*M ²⁰ @ | byllillion | Latin | 64 | _8+ | *M ^{10@} | -64 | _8- | /M ^{10@} |

Revised from <http://en.wikipedia.org/wiki/-yllion>.

-y- is pronounced [ɑɪ] except myriad.

@ indicates the octal radix point.

Pattern Comparison

| Power | Pattern A | | Pattern B | Power | Pattern C |
|-------|--------------------------|------------------------|-------------------|-------|---------------|
| M^n | | Replacement | | 10;^n | |
| -100@ | my-lli-lli-lli-no | | my-lli-lli-lli-no | -100; | my-lli-lli-no |
| ... | ... | | ... | ... | ... |
| -20@ | by-lli-lli-no | | by-lli-lli-no | -20; | by-lli-no |
| -10@ | my-lli-lli-no | | my-lli-lli-no | ... | ... |
| -7@ | mi-bi-try-lli-no | | septy-lli-no | -12; | mi-by-no |
| -6@ | bi-try-lli-no | | hexy-lli-no | -11; | mi-my-no |
| -5@ | mi-try-lli-no | | penty-lli-no | -10; | my-lli-no |
| -4@ | try-lli-no | | quadry-lli-no | -E; | elfy-no |
| -3@ | mi-by-lli-no | | try-lli-no | -X; | xeny-no |
| -2@ | by-lli-no | | by-lli-no | -9; | nony-no |
| -1@ | my-lli-no | | my-lli-no | -8; | octy-no |
| -@7 | mi-bi-try-no | | septy-no | -7; | septy-no |
| -@6 | bi-try-no | | hexy-no | -6; | hexy-no |
| -@5 | mi-try-no | | penty-no | -5; | penty-no |
| -@4 | try-no | | quadry-no | -4; | quadry-no |
| -@3 | mi-by-no | | try-no | -3; | try-no |
| -@2 | by-no | | by-no | -2; | by-no |
| -@1 | my-no | | my-no | -1; | my-no |
| @1 | my-on | dozen | my-on | 1; | my-on |
| @2 | by-on | gross | by-on | 2; | by-on |
| @3 | mi-by-on | mi-gross | try-on | 3; | try-on |
| @4 | try-on | myriad | quadry-on | 4; | quadry-on |
| @5 | mi-try-on | dozen myriad | penty-on | 5; | penty-on |
| @6 | bi-try-on | gross myriad | hexy-on | 6; | hexy-on |
| @7 | m-bi-try-on | mi-gross myriad | septy-on | 7; | septy-on |
| 1@ | my-lli-on | | my-lli-on | 8; | octy-on |
| 2@ | by-lli-on | | by-lli-on | 9; | nony-on |
| 3@ | mi-by-lli-on | | try-lli-on | X; | xeny-on |
| 4@ | try-lli-on | | quadry-lli-on | E; | elfy-on |
| 5@ | mi-try-lli-on | | penty-lli-on | 10; | my-lli-on |
| 6@ | bi-try-lli-on | | hexy-lli-on | 11; | mi-my-on |
| 7@ | mi-bi-try-lli-on | | septy-lli-on | 12; | mi-by-on |
| 10@ | my-lli-lli-on | | my-lli-lli-on | ... | ... |
| 20@ | by-lli-lli-on | | by-lli-lli-on | 20; | by-lli-on |
| ... | ... | | ... | ... | ... |
| 100@ | my-lli-lli-lli-on | | my-lli-lli-lli-on | 100; | my-lli-lli-on |