

powers

duodecimal myriad system for pure numbers				exponential system			
value	notation	called	origin of prefix part	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	mibiteryllino		2	_H	*M ^{@2}	-2 _c /M ^{@2}
12 ⁻⁴⁸	1/M ⁶	biteryllino		3	_K	*M ^{@3}	-3 _m /M ^{@3}
12 ⁻⁴⁰	1/M ⁵	miteryllino		4	_S	*M ^{@4}	-4 _s /M ^{@4}
12 ⁻³²	1/M ⁴	teryllino	Latin	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}	mibiteryno		9	_+D	*M ^{1@1}	-9 _-d /M ^{1@1}
12 ⁻⁶	1/M ^{@6}	biteryno		10	_+H	*M ^{1@2}	-10 _-c /M ^{1@2}
12 ⁻⁵	1/M ^{@5}	miteryno		11	_+K	*M ^{1@3}	-11 _-m /M ^{1@3}
12 ⁻⁴	1/M ^{@4}	teryno		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	teryllion	Latin	27	_3+K	*M ^{3@3}	-27 _3-m /M ^{3@3}
12 ⁴⁰	1*M ⁵	miteryllion		28	_3+S	*M ^{3@4}	-28 _3-s /M ^{3@4}
12 ⁴⁸	1*M ⁶	biteryllion		29	_4+m	*M ^{3@5}	-29 _4-K /M ^{3@5}
12 ⁵⁶	1*M ⁷	mibiteryllion		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 M ⁿ	Pattern A		Pattern B	Power 10; ⁿ	Pattern C
		Replacement			
-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-tery-lli-no		septy-lli-no	-12;	mi-by-no
-6@	bi-tery-lli-no		hexy-lli-no	-11;	mi-my-no
-5@	mi-tery-lli-no		penty-lli-no	-10;	my-lli-no
-4@	tery-lli-no		quadry-lli-no	-E;	elfy-no
-3@	mi-by-lli-no		tery-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-tery-no		septy-no	-7;	septy-no
-@6	bi-tery-no		hexy-no	-6;	hexy-no
-@5	mi-tery-no		penty-no	-5;	penty-no
-@4	tery-no		quadry-no	-4;	quadry-no
-@3	mi-by-no		tery-no	-3;	tery-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	tery-on	3;	tery-on
@4	tery-on	myriad	quadry-on	4;	quadry-on
@5	mi-tery-on	dozen myriad	penty-on	5;	penty-on
@6	bi-tery-on	gross myriad	hexy-on	6;	hexy-on
@7	m-bi-tery-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		tery-lli-on	X;	xeny-on
4@	tery-lli-on		quadry-lli-on	E;	elfy-on
5@	mi-tery-lli-on		penty-lli-on	10;	my-lli-on
6@	bi-tery-lli-on		hexy-lli-on	11;	mi-my-on
7@	mi-bi-tery-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