

Metric Units and Equivalents

Decimal Form	Exponent or Power	Prefix	Pronunciation	Symbol	Meaning
1 000 000 000 000 000 000	= 10 ¹⁸	exa	ex 'a	E	quintillion
1 000 000 000 000 000	= 10 ¹⁵	peta	pet 'á	P	quadrillion
1 000 000 000 000	= 10 ¹²	tera	těr 'á	T	trillion
1 000 000 000	= 10 ⁹	giga	ji 'gá	G	billion
1 000 000	= 10 ⁶	mega	měg 'á	M	million
1 000	= 10 ³	kilo	kil 'ō	k	thousand
100	= 10 ²	hecto	hěk 'to	h	hundred
10	= 10 ¹	deka	děk 'a	da	ten
1					base unit
0.1	= 10 ⁻¹	deci	děs 'i	d	tenth
0.01	= 10 ⁻²	centi	sěn 'ti	c	hundredth
0.001	= 10 ⁻³	milli	mil 'i	m	thousandths
0.000 001	= 10 ⁻⁶	micro	mi 'krō	μ	millionth
0.000 000 001	= 10 ⁻⁹	nano	nān 'ō	n	billionth
0.000 000 000 001	= 10 ⁻¹²	pico	pécō	p	trillionth
0.000 000 000 000 001	= 10 ⁻¹⁵	femto	fēm 'tō	f	quadrillionth
0.000 000 000 000 000 001	= 10 ⁻¹⁸	atto	āt 'tō	a	quintillionth