

## International System of Units (SI) Prefixes

Multiplication factor	Prefix	Symbol
1 000 000 000 000 000 000 000 000 = $10^{24}$	yotta	Y
1 000 000 000 000 000 000 000 = $10^{21}$	zetta	Z
1 000 000 000 000 000 000 = $10^{18}$	exa	E
1 000 000 000 000 000 = $10^{15}$	peta	P
1 000 000 000 000 = $10^{12}$	tera	T
1 000 000 000 = $10^9$	giga	G
1 000 000 = $10^6$	mega	M
1 000 = $10^3$	kilo	k
100 = $10^2$	hecto	h
10 = $10^1$	deka	da <sup>1</sup>
0.1 = $10^{-1}$	deci	d <sup>1</sup>
0.01 = $10^{-2}$	centi	c <sup>1</sup>
0.001 = $10^{-3}$	milli	m
0.000 001 = $10^{-6}$	micro	μ
0.000 000 001 = $10^{-9}$	nano	n
0.000 000 000 001 = $10^{-12}$	pico	p
0.000 000 000 000 001 = $10^{-15}$	femto	f
0.000 000 000 000 000 001 = $10^{-18}$	atto	a
0.000 000 000 000 000 000 001 = $10^{-21}$	zepto	z
0.000 000 000 000 000 000 000 001 = $10^{-24}$	yocto	y

<sup>1</sup> These prefixes are not normally used except for special quantities, such as, the hectare, the centimetre and the decibel.