

# SI Prefixes

1 Giga (G)	=	1,000,000,000 x	or	$10^9$ x
1 Mega (M)	=	1,000,000 x	or	$10^6$ x
1 kilo (k)	=	1,000 x	or	$10^3$ x
1 x	=	1 x	or	1 x
1 centi (c)	=	0.01 x	or	$10^{-2}$ x
1 milli (m)	=	0.001 x	or	$10^{-3}$ x
1 micro ( $\mu$ )	=	0.000 001 x	or	$10^{-6}$ x
1 nano (n)	=	0.000 000 001 x	or	$10^{-9}$ x
1 pico (p)	=	0.000 000 000 001 x	or	$10^{-12}$ x

x is the base unit. This means that a kilo is a 1,000 of whatever unit you add it to. A kilometer is 1,000 meters, a kilogram is 1,000 grams, and a kilojoule would be 1,000 joules.