

<i>Length</i>	<i>Weight</i>	<i>Volume</i>
1 km = 1,000 m	1 kg = 1,000 g	1 kL = 1,000 L
1 m = .001 km	1 g = .001 kg	1 L = .001 kL
1 m = 100 cm	1 g = 100 cg	1 L = 100 cL
1 cm = .01 m	1 cg = .01 g	1 cL = .01 L
1 m = 1,000 mm	1 g = 1,000 mg	1 L = 1,000 mL
1 mm = .001 m	1 mg = .001 g	1 mL = .001 L

## Prefixes are used for large/small numbers

Prefix	Multiple	Scientific Notation
giga- (G-)	1,000,000,000	$10^9$
kilo- (k-)	1,000	$10^3$
deci- (d-)	0.1	$10^{-1}$
centi- (c-)	0.01	$10^{-2}$
milli- (m-)	0.001	$10^{-3}$
micro- (μ-)	0.000 001	$10^{-6}$
nano- (n-)	0.000 000 001	$10^{-9}$
pico- (p-)	0.000 000 000 001	$10^{-12}$