

Metric System

Some standard units in the Metric system

meter (m) <i>Length</i>	kilogram (kg) <i>Mass (Weight)</i>	liter (L) <i>Volume (Capacity)</i>
square meter (m ²) <i>Area</i>	joule (J) <i>Energy</i>	watt (W) <i>Power</i>
ampere (A) <i>Electric current</i>	newton (N) <i>Force</i>	pascal (Pa) <i>Pressure</i>

Prefixes used in the Metric System

Prefix	Symbol	Exponential	Multiplication Factor
peta	P	10 ¹⁵	1 000 000 000 000 000
tera	T	10 ¹²	1 000 000 000 000
giga	G	10 ⁹	1 000 000 000
mega	M	10 ⁶	1 000 000
kilo	k	10 ³	1 000
hecto	h	10 ²	100
deka	da	10	10
<i>meter</i>	<i>gram</i>	<i>liter</i>	<i>square meter</i>
<i>joul</i>	<i>watt</i>	<i>ampere</i>	<i>newton</i>
<i>pascal</i>			
deci	d	10 ⁻¹	0.1
centi	c	10 ⁻²	0.01
mili	m	10 ⁻³	0.001
micro	μ	10 ⁻⁶	0.000 001
nano	n	10 ⁻⁹	0.000 000 001
pico	p	10 ⁻¹²	0.000 000 000 001
femto	f	10 ⁻¹⁵	0.000 000 000 000 001