

BASIC SI UNITS:

<u>Physical Quantity</u>	<u>Measurement</u>	<u>Unit Symbol</u>
Length	meters	m
Mass	kilograms	kg
Time	second	s
Electric Current	ampere	A
Temperature	kelvin	K
Amount of substance	mole	mol
Luminous intensity	candela	cd

METRIC PREFIXES

tera	T	trillion	1 000 000 000 000	10^{12}
giga	G	billion	1 000 000 000	10^9
mega	M	million	1 000 000	10^6
kilo	k	thousand	1000	10^3
hecto	h	hundred	100	10^2
deka	da	ten	10	10^1

BASE UNIT

deci	d	tenth	0.1	10^{-1}
centi	c	hundredth	0.01	10^{-2}
milli	m	thousandth	0.001	10^{-3}
micro	μ	millionth	0.000 001	10^{-6}
nano	n	billionth	0.000 000 001	10^{-9}
pico	p	trillionth	0.000 000 000 001	10^{-12}
femto	f		0.000 000 000 000 001	10^{-15}

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