

**Table 1. The Seven Base SI Units.**

<b>physical quantity</b>	<b>unit name</b>	<b>unit abbreviation</b>
mass	kilogram	kg
length	meter	m
time	second	s
temperature	kelvin	K
electric current	ampere	A
amount of substance	mole	mol
luminous intensity	candela	cd

**Table 2. Some Prefixes Used in the SI System.**

<b>prefix</b>	<b>prefix symbol</b>	<b>number</b>	<b>scientific notation</b>
tera	T	1,000,000,000,000	$10^{12}$
giga	G	1,000,000,000	$10^9$
mega	M	1,000,000	$10^6$
kilo	k	1,000	$10^3$
hecto	h	100	$10^2$
deka	da	10	$10^1$
----	----	1	$10^0$
deci	d	0.1	$10^{-1}$
centi	c	0.01	$10^{-2}$
milli	m	0.001	$10^{-3}$
micro	$\mu$	0.000001	$10^{-6}$
nano	n	0.000000001	$10^{-9}$
pico	p	0.000000000001	$10^{-12}$
femto	f	0.00000000000001	$10^{-15}$
----	Å (Angstrom, non-SI)	0.0000000001 (m)	$10^{-10}$ (m)