

METRIC (SI) PREFIXES

Prefixes and Multipliers						Scientific Notation	
Prefix	Symbol	Name	Multiplier	Exponent	Exponential	Normalized	E-Notation
yotta	Y	septillion	1,000,000,000,000,000,000,000,000	24	10^{24}	1.0×10^{24}	1.0E24
zetta	Z	sextillion	1,000,000,000,000,000,000,000	21	10^{21}	1.0×10^{21}	1.0E21
exa	E	quintillion	1,000,000,000,000,000,000	18	10^{18}	1.0×10^{18}	1.0E18
peta	P	quadrillion	1,000,000,000,000,000	15	10^{15}	1.0×10^{15}	1.0E15
tera	T	trillion	1,000,000,000,000	12	10^{12}	1.0×10^{12}	1.0E12
giga	G	billion	1,000,000,000	9	10^9	1.0×10^9	1.0E9
mega	M	million	1,000,000	6	10^6	1.0×10^6	1.0E6
kilo	k	thousand	1,000	3	10^3	1.0×10^3	1.0E3
hecto	h	hundred	100	2	10^2	1.0×10^2	1.0E2
deca	da	ten	10	1	10^1	1.0×10^1	1.0E1
		one	1	0	10^0	1.0×10^0	1.0E0
deci	d	tenth	0.1	-1	10^{-1}	1.0×10^{-1}	1.0E-1
centi	c	hundredth	0.01	-2	10^{-2}	1.0×10^{-2}	1.0E-2
milli	m	thousandth	0.001	-3	10^{-3}	1.0×10^{-3}	1.0E-3
micro	μ	millionth	0.000001	-6	10^{-6}	1.0×10^{-6}	1.0E-6
nano	n	billionth	0.000000001	-9	10^{-9}	1.0×10^{-9}	1.0E-9
pico	p	trillionth	0.000000000001	-12	10^{-12}	1.0×10^{-12}	1.0E-12
femto	f	quadrillionth	0.000000000000001	-15	10^{-15}	1.0×10^{-15}	1.0E-15
atto	a	quintillionth	0.000000000000000001	-18	10^{-18}	1.0×10^{-18}	1.0E-18
zepto	z	sextillionth	0.00000000000000000001	-21	10^{-21}	1.0×10^{-21}	1.0E-21
yocto	y	septillionth	0.0000000000000000000001	-24	10^{-24}	1.0×10^{-24}	1.0E-24

Sources: <https://www.nist.gov/pml/owm/metric-si-prefixes>