

## A List of the Metric Prefixes

Prefix	Symbol	Multiplier	
		Numerical	Exponential
yotta	Y	1,000,000,000,000,000,000,000,000	$10^{24}$
zetta	Z	1,000,000,000,000,000,000,000,000	$10^{21}$
exa	E	1,000,000,000,000,000,000,000	$10^{18}$
peta	P	1,000,000,000,000,000,000	$10^{15}$
tera	T	1,000,000,000,000,000	$10^{12}$
giga	G	1,000,000,000	$10^9$
mega	M	1,000,000	$10^6$
kilo	k	1,000	$10^3$
hecto	h	100	$10^2$
deca	da	10	$10^1$
no prefix means: 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	0.0000000000001	$10^{-12}$
femto	f	0.00000000000000001	$10^{-15}$
atto	a	0.0000000000000000001	$10^{-18}$
zepto	z	0.00000000000000000000001	$10^{-21}$
yocto	y	0.00000000000000000000000001	$10^{-24}$