

## Measurement Prefixes

Prefix	Symbol(s)	Power of 10		Power of 2
yocto-	y	$10^{-24}$ *	1.00E-24	--
zepto-	z	$10^{-21}$ *	1.00E-21	--
atto-	a	$10^{-18}$ *	1.00E-18	--
femto-	f	$10^{-15}$ *	1.00E-15	--
pico-	p	$10^{-12}$ *	0.000,000,000,001	--
nano-	n	$10^{-9}$ *	0.000,000,001	--
micro-	m	$10^{-6}$ *	0.000,001	--
milli-	m	$10^{-3}$ *	0.001	--
centi-	c	$10^{-2}$ *	0.01	--
deci-	d	$10^{-1}$ *	0.1	--
(none)	--	$10^0$ *	1	$2^0$ .
deka-	D	$10^1$ *	10	--
hecto-	h	$10^2$ *	100	--
kilo-	k or K **	$10^3$ .	1000	$2^{10}$ .
mega-	M	$10^6$ .	1,000,000	$2^{20}$ .
giga-	G	$10^9$ .	1,000,000,000	$2^{30}$ .
tera-	T	$10^{12}$ .	1,000,000,000,000	$2^{40}$ .
peta-	P	$10^{15}$ .	1.00E+15	$2^{50}$ .
exa-	E	$10^{18}$ *	1.00E+18	$2^{60}$ .
zetta-	Z	$10^{21}$ *	1.00E+21	$2^{70}$ .
yotta-	Y	$10^{24}$ *	1.00E+24	$2^{80}$ .

\* Not generally used to express data speed

\*\* k =  $10^3$  and K =  $2^{10}$