

Table 4a – Metric Prefix				Scientific Notation	
Prefix	Symbol	Multiplier	Exponential	Normalized	E Notation
yotta	Y	1,000,000,000,000,000,000,000,000	$10^{24}$	$1.0 \times 10^{24}$	1.0E24
zetta	Z	1,000,000,000,000,000,000,000,000	$10^{21}$	$1.0 \times 10^{21}$	1.0E21
exa	E	1,000,000,000,000,000,000,000	$10^{18}$	$1.0 \times 10^{18}$	1.0E18
peta	P	1,000,000,000,000,000,000	$10^{15}$	$1.0 \times 10^{15}$	1.0E15
tera	T	1,000,000,000,000	$10^{12}$	$1.0 \times 10^{12}$	1.0E12
giga	G	1,000,000,000	$10^9$	$1.0 \times 10^9$	1.0E9
mega	M	1,000,000	$10^6$	$1.0 \times 10^6$	1.0E6
kilo	k	1,000	$10^3$	$1.0 \times 10^3$	1.0E3
hecto	h	100	$10^2$	$1.0 \times 10^2$	1.0E2
deca	da	10	$10^1$	$1.0 \times 10^1$	1.0E1
		1	$10^0$	$1.0 \times 10^0$	1.0E0
deci	d	0.1	$10^{-1}$	$1.0 \times 10^{-1}$	1.0E-1
centi	c	0.01	$10^{-2}$	$1.0 \times 10^{-2}$	1.0E-2
milli	m	0.001	$10^{-3}$	$1.0 \times 10^{-3}$	1.0E-3
micro	$\mu$	0.000001	$10^{-6}$	$1.0 \times 10^{-6}$	1.0E-6
nano	n	0.000000001	$10^{-9}$	$1.0 \times 10^{-9}$	1.0E-9
pico	p	0.000000000001	$10^{-12}$	$1.0 \times 10^{-12}$	1.0E-12
femto	f	0.0000000000000001	$10^{-15}$	$1.0 \times 10^{-15}$	1.0E-15
atto	a	0.0000000000000000001	$10^{-18}$	$1.0 \times 10^{-18}$	1.0E-18
zepto	z	0.0000000000000000000001	$10^{-21}$	$1.0 \times 10^{-21}$	1.0E-21
yocto	y	0.000000000000000000000001	$10^{-24}$	$1.0 \times 10^{-24}$	1.0E-24