

## **MULTIPLICATION FACTORS AND THEIR PREFIXES**

<b>Multiplication factor</b>			<b>Prefix</b>	<b>Symbol</b>
1 000 000 000 000 000 000	=	$10^{18}$	exa	E
1 000 000 000 000 000	=	$10^{15}$	peta	P
1 000 000 000 000	=	$10^{12}$	tera	T
1 000 000 000	=	$10^9$	giga	G
1 000 000	=	$10^6$	mega	M
1 000	=	$10^3$	kilo	k
100	=	$10^2$	hecto	h
10	=	$10^1$	deca	da
0.1	=	$10^{-1}$	deci	d
0.01	=	$10^{-2}$	centi	c
0.001	=	$10^{-3}$	milli	m
0.000 001	=	$10^{-6}$	micro	ì
0.000 000 001	=	$10^{-9}$	nano	n
0.000 000 000 001	=	$10^{-12}$	pico	p
0.000 000 000 000 001	=	$10^{-15}$	femto	f
0.000 000 000 000 000 001	=	$10^{-18}$	atto	a

1 centimetre	=	10 millimetres	
1 decimetre	=	10 centimetres	
1 metre	=	10 decimetres	
1 decametre	=	10 metres	
1 hectometre	=	10 decametres	= 100 metres
1 kilometre	=	10 hectometres	= 1000 metres