



**MULTIPLES AND SUB-MULTIPLES**

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	$10^{12}$	têra	T
1 000 000 000	$10^9$	giga	G
1 000 000	$10^6$	mega	M
10 000	$10^4$	myria	ma
1 000	$10^3$	kilo	k
100	$10^2$	hecto	h
10	10	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	$\mu$
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

Units used for very short wavelengths:

$$\text{micron } \mu = 10^{-6} \text{ m} = 10^{-4} \text{ cm}$$

$$\text{Angström } \text{Å} = 10^{-6} = 10^{-4} \mu$$

$$\text{Picometre } pm \text{ or micromicron } \mu\mu = 10^{-12} \text{ m}$$