

All the SI units:

- Length - meter (m)
- Time - second (s)
- Amount of substance - mole (mole)
- Electric current - ampere (A)
- Temperature - Kelvin (K) or Celsius
- Luminous intensity - candela (cd)
- Mass - kilogram (kg)

How to do significant figures:

If the number is very large and is hard to use in mathematical equations then, you use significant figures to simplify the number.

In significant figures there will always be 1 number after the decimal place and all the other numbers will be after the decimal place. You then multiply it by 10 to the power of whatever is required to get it to its original number.

For example:

10297

In significant figures:

$1.0927 \times 10^4$

Prefixes

Prefixes	Value	Standard form	Symbol
Tera	1 000 000 000 000	$10^{12}$	T
Giga	1 000 000 000	$10^9$	G
Mega	1 000 000	$10^6$	M
Kilo	1 000	$10^3$	k
deci	0.1	$10^{-1}$	d
centi	0.01	$10^{-2}$	c
milli	0.001	$10^{-3}$	m
micro	0.000 001	$10^{-6}$	$\mu$
nano	0.000 000 001	$10^{-9}$	n
pico	0.000 000 000 001	$10^{-12}$	p