Feuille de formules

CONVERSION DES UNITÉS DE MESURE

Kilomètre Kilolitre Kilogramme	Hectomètre Hectolitre Hectogramme	Décamètre Décalitre Décagramme	Mètre Litre Gramme	Décimètre Décilitre Décigramme	Centimètre Centilitre Centigramme	Millimètre Millilitre Milligramme
0,001	0,01	0,1	**1**	10	100	1000

÷10 ×10

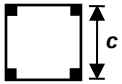
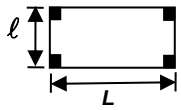
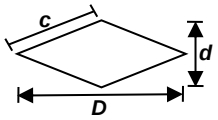
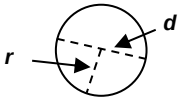
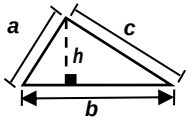
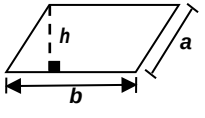
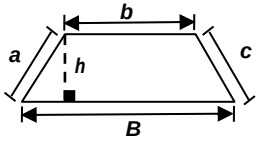
Conversions

1 pouce = 2.54 cm
1 pied = 12 po = 30.48 cm
1 mètre = 3.281 pi = 39.37 po

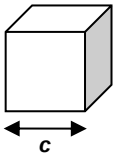
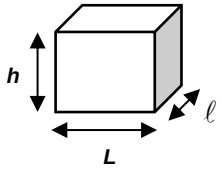
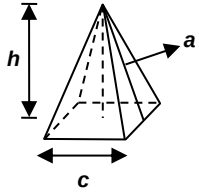
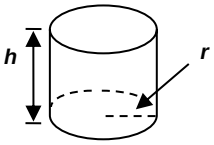
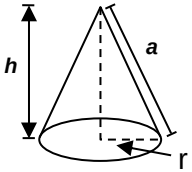
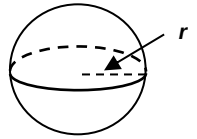
$1m^2 = 100\ dm^2 = 10\ 000\ cm^2$

$1\ cm^3 = 1$ ml
$1\ dm^3 = 1$ litre $= 1000$ ml
$1\ m^3 = 1\ 000\ dm^3 = 1\ 000\ 000\ cm^3$

FIGURES PLANES

	Carré	Rectangle	Losange	Cercle (disque)	Triangle	Parallélogramme	Trapèze
Figure plane							
Périmètre	$P = 4c$	$P = 2L + 2\ell$	$P = 4c$	$C = 2\pi\ r$ $C = \pi\ d$	$P = a + b + c$	$P = 2a + 2b$	$P = a + b + c + B$
Aire	$A = c^2$	$A = L \times \ell$	$A = \frac{D \times d}{2}$	$A = \pi \times r^2$	$A = \frac{b \times h}{2}$	$A = b \times h$	$A = \frac{(B + b) \times h}{2}$

SOLIDES

	Cube	Prisme rectangulaire	Pyramide droite	Cylindre droit	Cône droit	Boule
Solide						
Aire	$A_\ell = 4c^2$ $A_T = 6c^2$	$A_\ell = 2\ (Lh + \ell h)$ $A_T = 2\ (Lh + \ell h + L\ell)$	$A_\ell = 2ac$ $A_T = 2ac + c^2$	$A_\ell = 2\pi\ r\ h$ $A_T = 2\pi\ r^2 + 2\pi\ r\ h$	$A_\ell = \pi\ ra$ $A_T = \pi\ r^2 + \pi\ ra$	$A_\ell = 4\pi\ r^2$ $A_T = 4\pi\ r^2$
Volume	$V = c^3$	$V = L\ x\ \ell \times h$	$V = \frac{c^2 h}{3}$	$V = \pi\ r^2 \times h$	$V = \frac{\pi\ r^2 h}{3}$	$V = \frac{4\pi\ r^3}{3}$