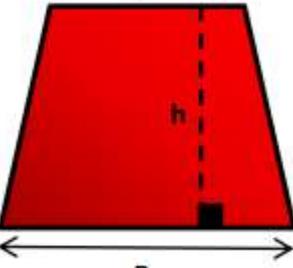
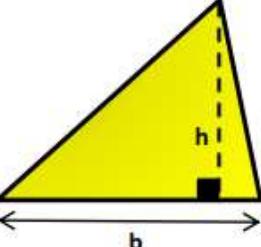
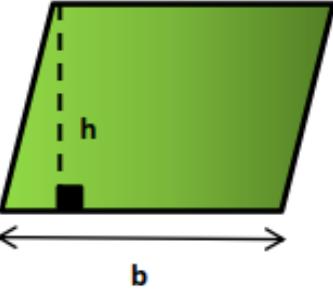
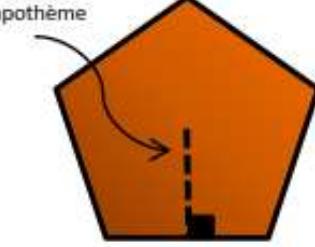
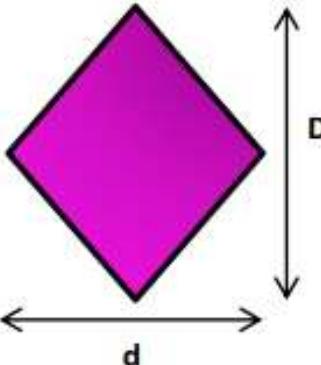
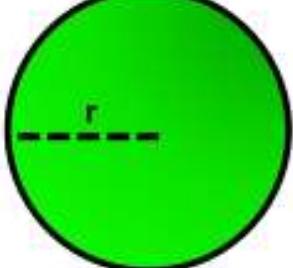
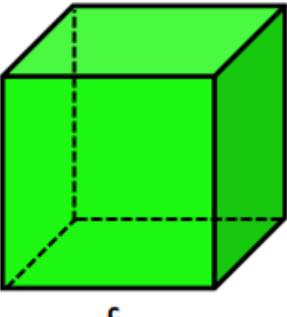
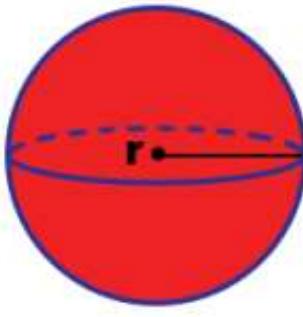
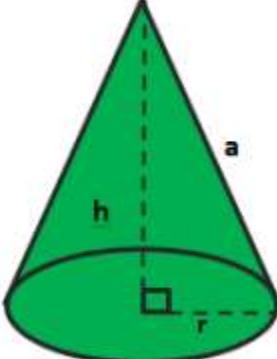
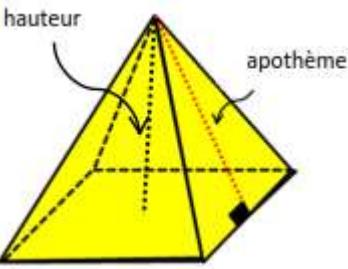
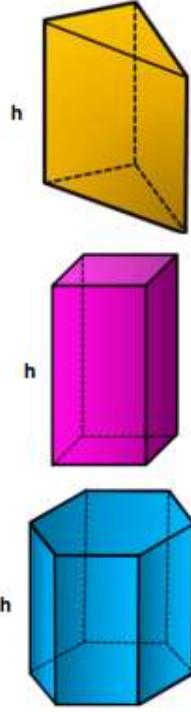


Annexe 1 : Aire des principaux polygones

Figure	Aire	Figure	Aire
Le carré 	$A = c^2$	Le trapèze 	$A = \frac{(B + b) \times h}{2}$
Le rectangle 	$A = b \times h$	Le triangle 	$A = \frac{b \times h}{2}$
Le parallélogramme 	$A = b \times h$	Le polygone régulier 	$A = \frac{\text{périmètre} \times \text{apothème}}{2}$ $A = \frac{P \times a}{2}$
Le losange 	$A = \frac{D \times d}{2}$	Le disque 	$C = 2\pi r$ $A = \pi r^2$

Annexe 2 : Aire et volume de solides

Volume et aire des solides	
Le cube  $A_L = 4c^2$ $A_T = 6c^2$ $V = c^3$	La sphère  $A = 4\pi r^2$ $V = \frac{4\pi r^3}{3}$
Le cylindre  $A_L = 2\pi rh$ $A_T = 2\pi rh + 2\pi r^2$ $V = A_B \times h$ ou $V = \pi r^2 h$	Le cône  $A_L = \pi r a$ $A_T = \pi r a + \pi r^2$ $V = \frac{A_B \times h}{3}$ ou $\frac{\pi r^2 h}{3}$
La pyramide droite  $A_L = \frac{P_B \times a}{2}$ $A_T = A_L + A_B$ $V = \frac{A_B \times h}{3}$	La prisme droit 

Annexe 3 : Conversion de mesures

Conversion dans le même système		Conversion d'un système à un autre
Longueur		
Système international	Système impérial	
1 m = 1 000 mm 1 m = 100 cm 1 m = 10 dm 1 km = 1 000 m		
	1 pi = 12 po 1 vg = 3 pi 1 vg = 36 po 1 mi = 1 760 vg 1 mi = 5 280 pi	1 po = 2,54 cm 1 pi = 30,48 cm 1 vg = 91,44 cm 1 mi = 1,609 km
Volume et capacité		
Système international	Système impérial	
1 m³ = 1 000 000 cm³ 1 cm³ = 1000 mm³ 1 dm³ = 1 000 cm³ 1 m³ = 1 000 L 1 L = 1 000 cm³ 1 ml = 1 cm³ 1 L = 4 tasses 1 tasse = 250 ml		
	1 pi³ = 1 728 po³ 1 vg³ = 27 pi³ 1 gal imp = 160 oz 1 gal US = 128 oz 1 gal US = 0,833 gal imp 1 gal US = 0,134 pi³ 1 tasse = 8 oz	1 po³ = 16,39 cm³ 1 pi³ = 0,028 m³ 1 vg³ = 0,765 m³ 1 gal imp = 4,546 L 1 gal US = 3,785 L 1 oz liq = 28,41 ml 1 pt = 1,137 L
Masse		
Système international	Système impérial	
1 g = 1 000 mg 1 kg = 1 000 g 1 tonne métrique = 1 000 kg		
	1 lb = 16 oz 1 tonne impériale = 2 000 lb	1 lb = 0,454 kg 1 oz liq = 28,35 g 1 kg = 2,2 lb 1t ou 1 000 kg = 2 200 lb
Température		
Degrés Celcius (°C)	Degrés Fahrenheit (°F)	$0^\circ\text{C} = 32^\circ\text{F}$ $F = \frac{9}{5} C + 32$ $100^\circ\text{C} = 212^\circ\text{F}$ $C = \frac{5}{9} (F - 32)$
Aire		
Système international	Système impérial	
1 m² = 10 000 cm² 1 cm² = 100 mm² 1 km² = 1 000 000 m²		
	1 pi² = 144 po² 1 vg² = 9 pi² 1 mi² = 3 097 600 vg²	1 po² = 6,452 cm² 1 pi² = 0,093 m² 1 vg² = 0,836 m² 1 mi² = 2,589 km²