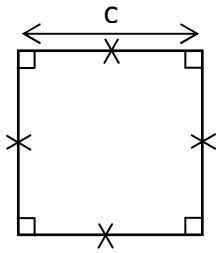




Périmètre et aire de quelques figures planes

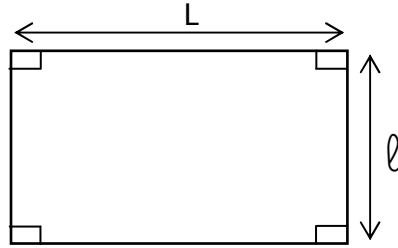
Le carré



$$\text{Périmètre} = 4 \times c$$

$$\text{Aire} = c^2$$

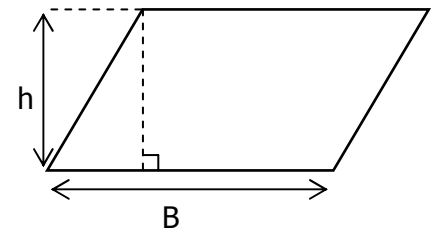
Le rectangle



$$\text{Périmètre} = 2 \times (L + l)$$

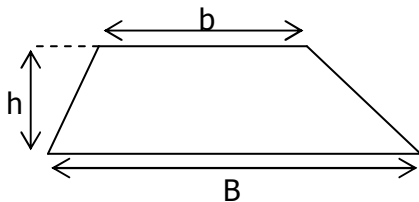
$$\text{Aire} = L \times l$$

Le parallélogramme



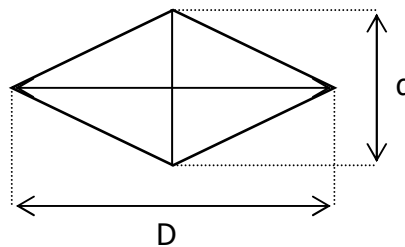
$$\text{Aire} = B \times h$$

Le trapèze



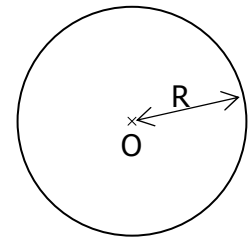
$$\text{Aire} = \frac{(B + b) \times h}{2}$$

Le losange



$$\text{Aire} = \frac{D \times d}{2}$$

Le cercle et le disque

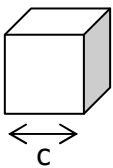


$$\text{Périmètre du cercle} = 2 \times \pi \times R$$

$$\text{Aire du disque} = \pi \times R^2$$

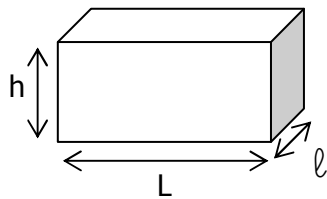
Volume de quelques solides

Le cube



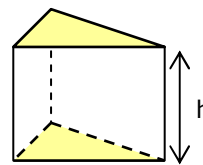
$$\text{Volume} = c^3$$

Le pavé droit (parallélépipède rectangle)



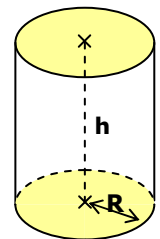
$$\text{Volume} = L \times l \times h$$

Le prisme droit



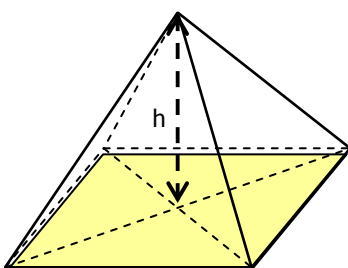
$$\text{Volume} = \text{aire de la base} \times h$$

Le cylindre (de révolution)



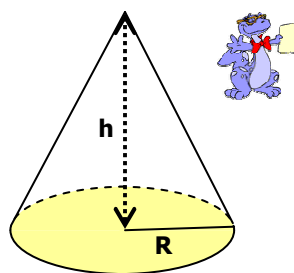
$$\text{Volume} = \pi \times R^2 \times h$$

La Pyramide



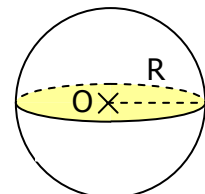
$$\text{Volume} = \frac{\text{Aire de la base} \times h}{3}$$

Le cône de révolution



$$\text{Volume} = \frac{\pi \times R^2 \times h}{3}$$

La sphère – La boule



$$\text{Volume} = \frac{4}{3} \times \pi \times R^3$$