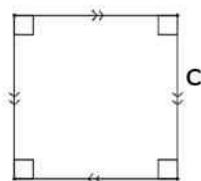


Formulaire de périmètres, aires et volumes

Figures Planes

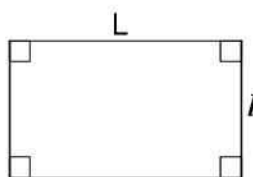
Le carré



$$\text{Périmètre} = c \times 4$$

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

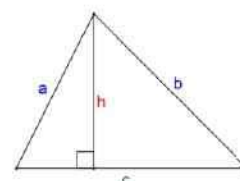
Le rectangle



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

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

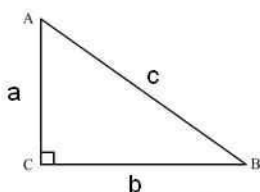
Le triangle



$$\text{Périmètre} = a + b + c$$

$$\text{Aire} = \frac{c \times h}{2}$$

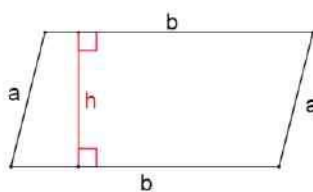
Le triangle rectangle



$$\text{Périmètre} = a + b + c$$

$$\text{Aire} = \frac{a \times b}{2}$$

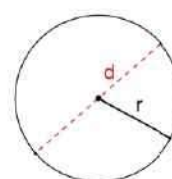
Le parallélogramme



$$\text{Périmètre} = a + b + a + b$$

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

Le cercle

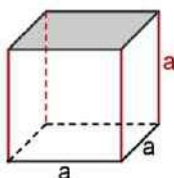


$$\text{Longueur du cercle} = d \times \pi \text{ ou } 2 \pi r$$

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

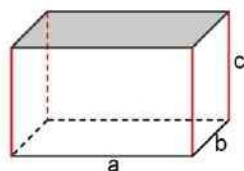
Solides

Le cube



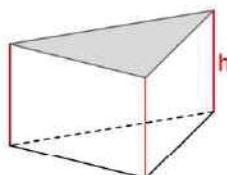
$$\text{Volume} = a^3$$

Le pave droit



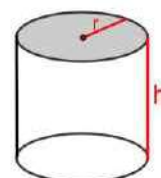
$$\text{Volume} = a \times b \times c$$

Le prisme



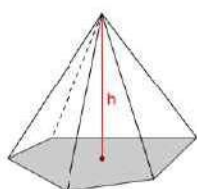
$$\text{Volume} = \text{Aire de la base} \times h$$

Le cylindre



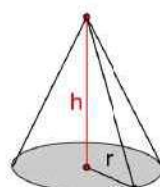
$$\text{Volume} = \pi r^2 h$$

La pyramide



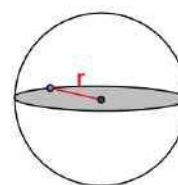
$$V = \frac{\text{Aire de la base} \times h}{3}$$

Le cône



$$V = \frac{\pi r^2 h}{3}$$

La boule



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