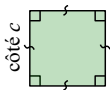


NOTION

L'aire d'une figure est la mesure de **son étendue** (ou **superficie**).

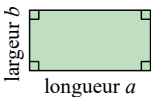
AIRES DE QUADRILATÈRES

- Carré



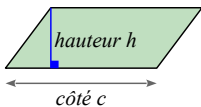
$$\text{AIRE} = c \times c = c^2$$

- Rectangle



$$\text{AIRE} = a \times b$$

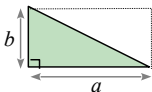
- Parallélogramme



$$\text{AIRE} = c \times h$$

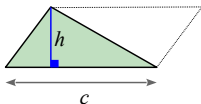
AIRES DE TRIANGLES

- Triangle rectangle



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

- Triangle quelconque



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

AIRE DU DISQUE

$$\begin{aligned} \text{AIRE du disque} &= \pi \times \text{rayon} \times \text{rayon} \\ &= \pi R^2 \end{aligned}$$

Avec $\pi \approx 3,1416$.

