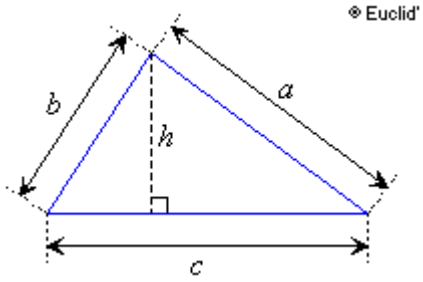
AIRES $\mathcal{A}$ et PÉRIMÈTRES $\mathcal{P}$

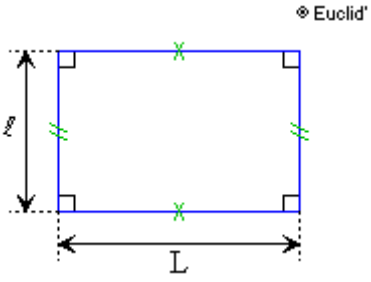
Triangle



$$\mathcal{P} = a + b + c$$

$$\mathcal{A} = \frac{c \times h}{2}$$

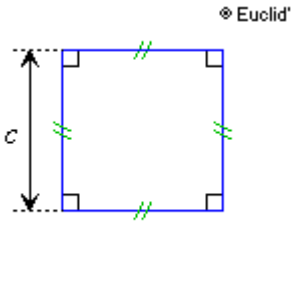
Rectangle



$$\mathcal{P} = 2(L + \ell) = 2L + 2\ell$$

$$\mathcal{A} = L \times \ell$$

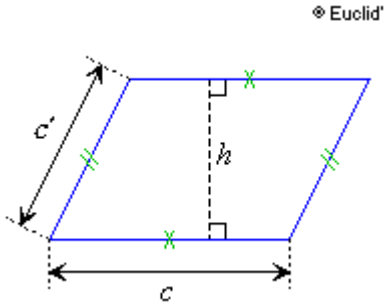
Carré



$$\mathcal{P} = 4c$$

$$\mathcal{A} = c^2$$

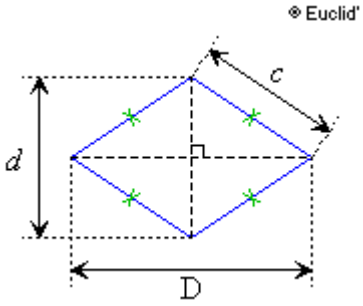
Parallélogramme



$$\mathcal{P} = 2(c + c') = 2c + 2c'$$

$$\mathcal{A} = c \times h$$

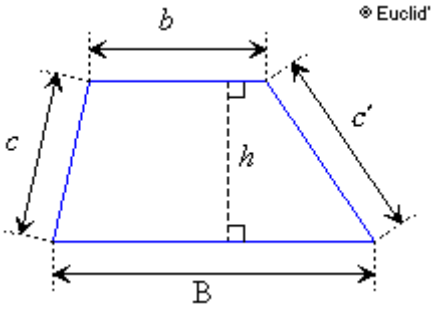
Losange



$$\mathcal{P} = 4c$$

$$\mathcal{A} = \frac{D \times d}{2}$$

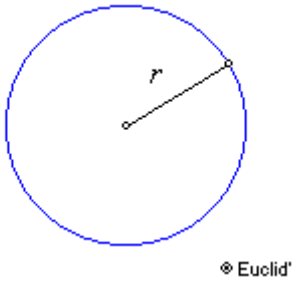
Trapèze



$$\mathcal{P} = B + b + c + c'$$

$$\mathcal{A} = \frac{(B + b) \times h}{2}$$

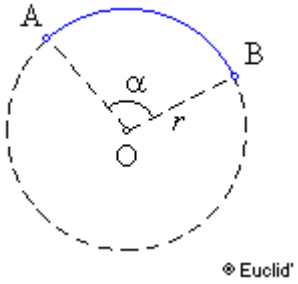
Cercle - Disque



$$\mathcal{P} = 2\,\pi\,r = \pi\,d$$

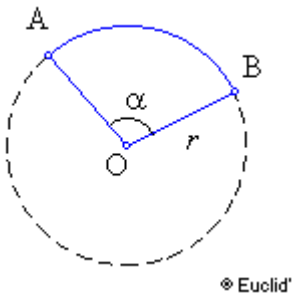
$$\mathcal{A} = \pi\,r^2$$

Arc de cercle



$$\mathcal{P} = \overset{\frown}{AB} = 2\,\pi\,r \times \frac{\alpha}{360}$$

Secteur angulaire



$$\mathcal{A} = \overset{\frown}{AOB} = \pi\,r^2 \times \frac{\alpha}{360}$$