

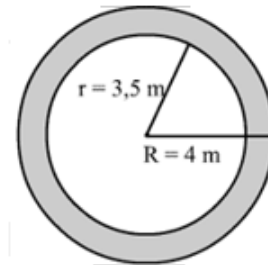
CHAPITRE III : AIRES DE FIGURES USUELLES

2^e partie

Couronne

Aire = Aire grand disque - Aire petit disque

$$A = \pi \times R \times R - \pi \times r \times r$$



Exemple :

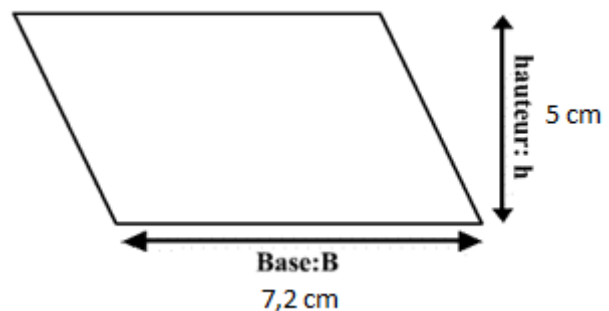
$$\text{Aire} = \pi \times 4 \times 4 - \pi \times 3,5 \times 3,5 = 16\pi - 12,25\pi$$

$$\text{Aire} = 3,75\pi \approx 11,8 \text{ m}^2$$

Parallélogramme

Aire = Base x Hauteur

$$A = B \times H$$



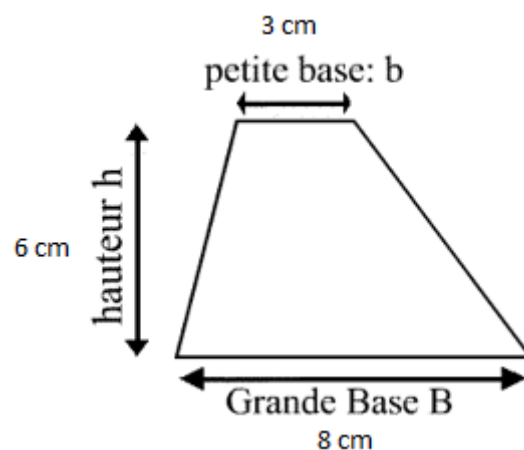
Exemple :

$$\text{Aire} = 7,2 \times 5 = 36 \text{ cm}^2$$

Trapèze

Aire = $\frac{(\text{Petite base} + \text{Grande base}) \times \text{Hauteur}}{2}$

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



Exemple :

$$\text{Aire} = \frac{(3+8) \times 6}{2} = 33 \text{ cm}^2$$