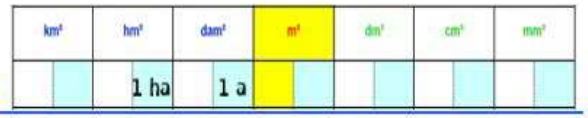
Les aires

Aire

Définition

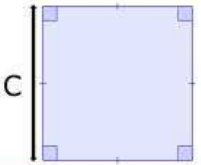
L'aire d'une figure est la mesure de sa surface

Les unités



1 m² = 100 dm² 1 m² = 10 000 cm²

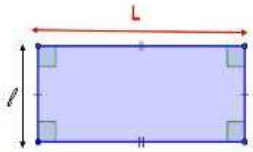
le carré



A=C×C

= C²

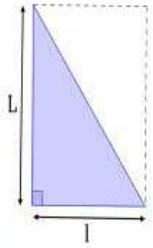
le rectangle



A=(L×ℓ)

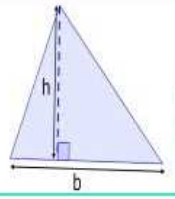
les triangles

le triangle rectangle



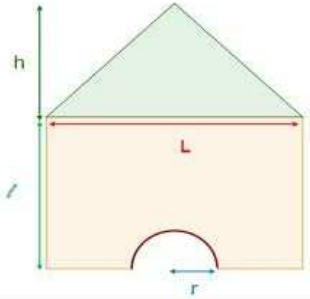
A=(L×ℓ)÷2

le triangle quelconque



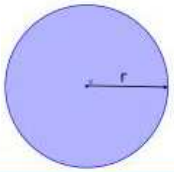
A=(b×h)÷2

Aire par décomposition



$$A = \left(\frac{L \times h}{2}\right) + (L \times \ell) - \frac{\pi \times r \times r}{2}$$

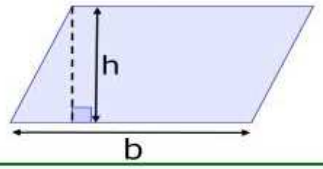
le disque



A= π×r×r

= π×r²

le parallélogramme



A=b×h