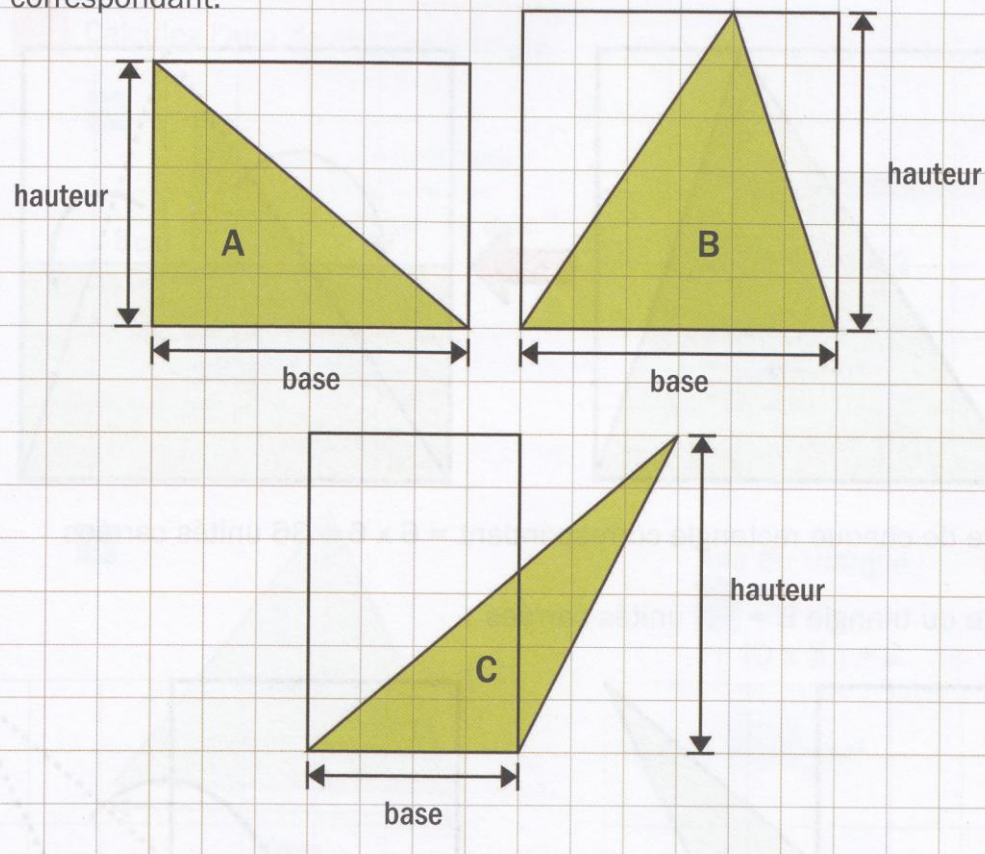


L'aire d'un triangle

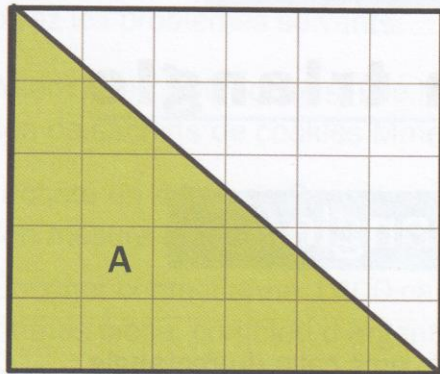
1 - Calculer l'aire d'un triangle.

Trouvez l'aire de chaque triangle coloré, puis celle du rectangle correspondant.



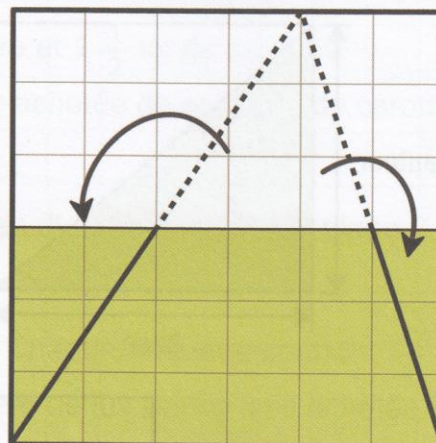
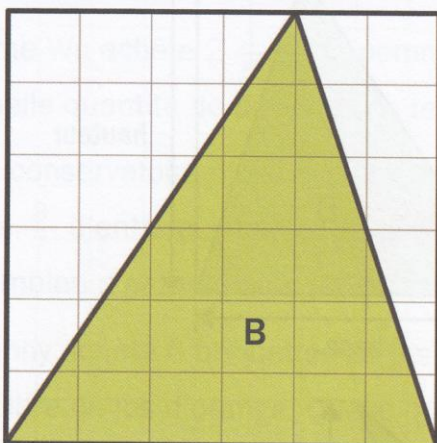
Comparez l'aire de chaque triangle avec celle du rectangle qui lui correspond.





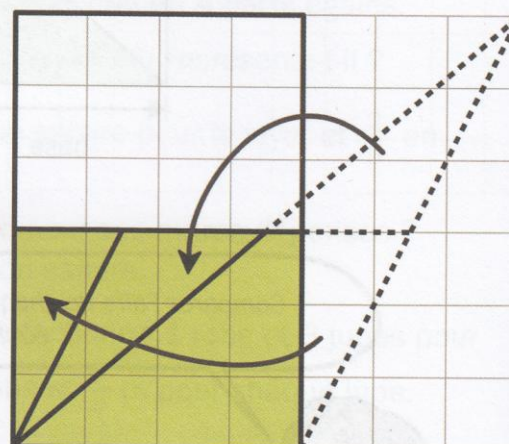
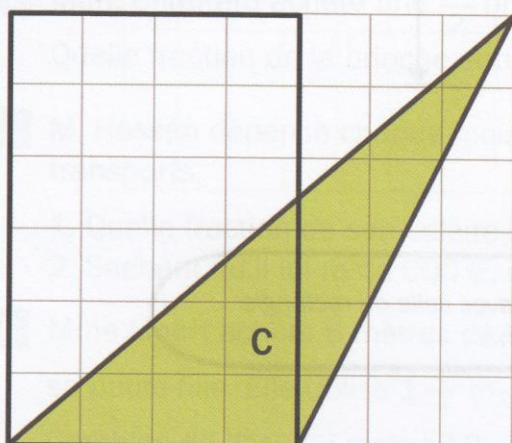
Aire de chaque rectangle correspondant = $6 \times 5 = 30$ unités carrées

Aire du triangle A = unités carrées



Aire de chaque rectangle correspondant = $6 \times 6 = 36$ unités carrées

Aire du triangle B = unités carrées



Aire de chaque rectangle correspondant = $4 \times 6 = 24$ unités carrées

Aire du triangle C = unités carrées

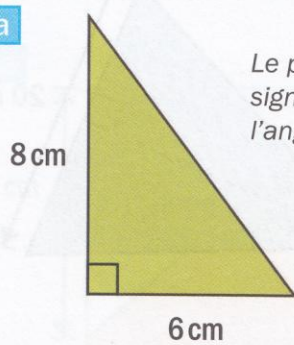


$$\text{Aire du triangle} = \frac{1}{2} \times \text{aire du rectangle correspondant}$$

$$\text{Aire du triangle} = (\text{base} \times \text{hauteur}) \div 2$$

1 Calculez l'aire de chaque triangle.

a



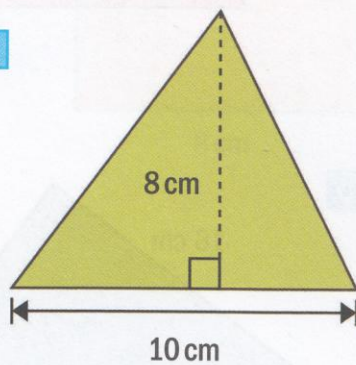
Le petit carré signifie que l'angle est droit.

Aire du triangle

$$(6 \times 8) \div 2$$

$$= \boxed{} \text{ cm}^2$$

b

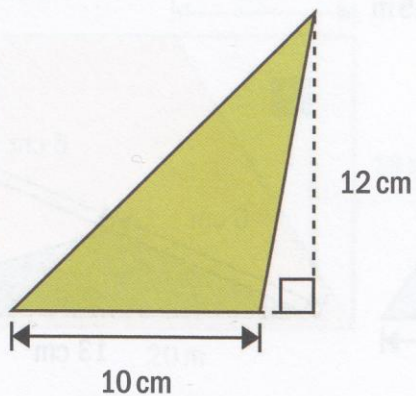


Aire du triangle

$$(10 \times 8) \div 2$$

$$= \boxed{} \text{ cm}^2$$

c

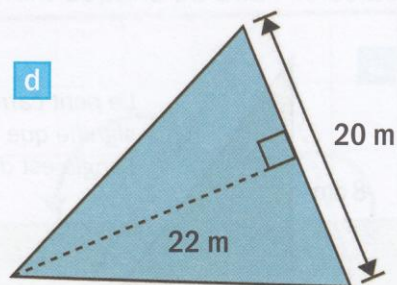
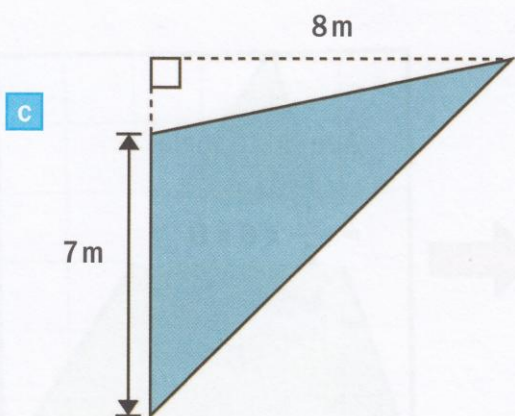
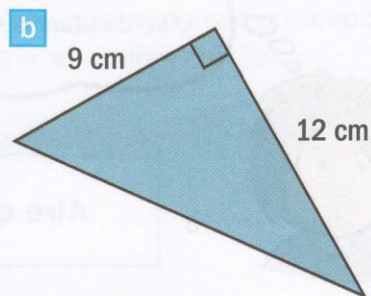
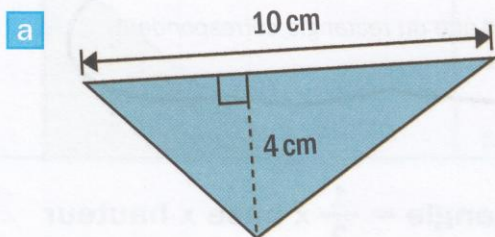


Aire du triangle

$$(10 \times 12) \div 2$$

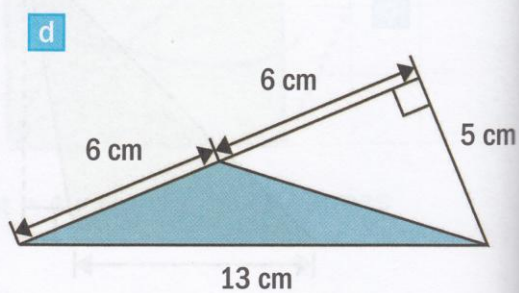
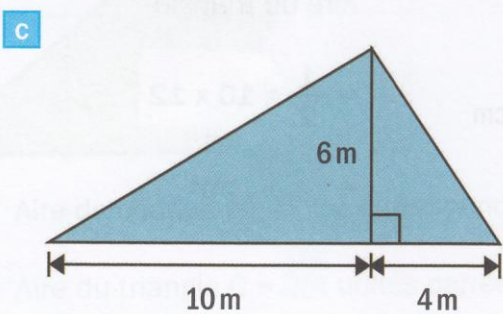
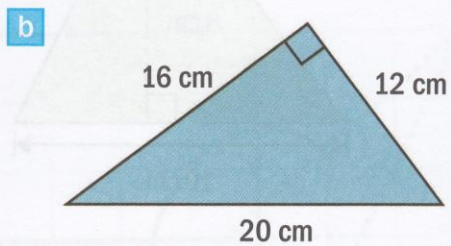
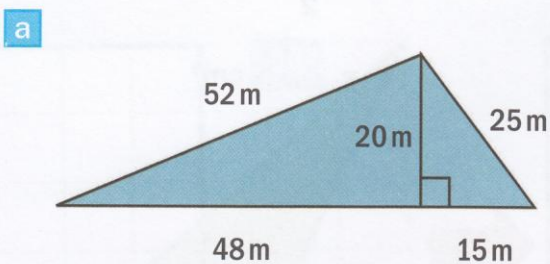
$$= \boxed{} \text{ cm}^2$$

2 Calculez l'aire de chaque triangle.

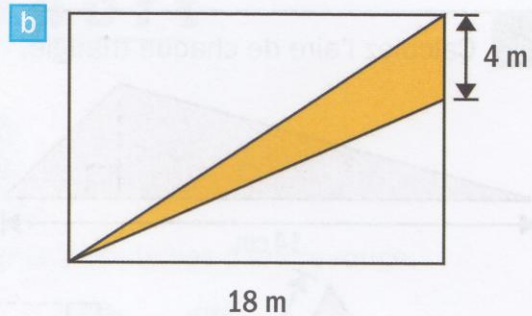
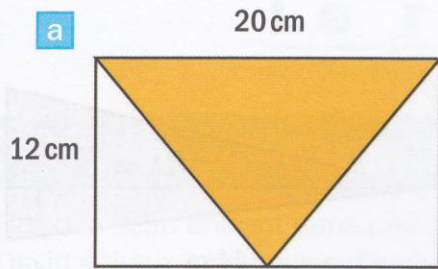


Cahier d'exercices, Exercices 30 à 32.

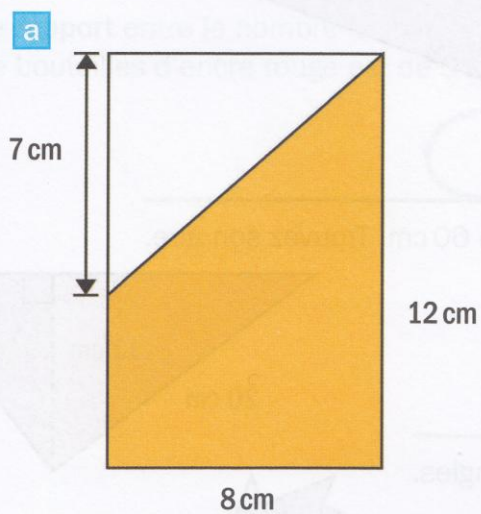
3 Calculez l'aire de chaque triangle.



4 Calculez l'aire de chaque partie colorée.



5 Calculez l'aire de chaque partie colorée.



Dans chaque figure, la partie qui n'est pas colorée est un triangle. Trouvez d'abord l'aire du triangle.

