

Vendredi 5 avril 2013

Aires et pavages

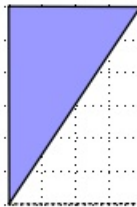
Exercice n°1 p. 126 :

Tissu ① :  $5 \times 8 = 40$  carreaux

Tissu ② :  $4 \times 10 = 40$  carreaux

Les 2 tissus ont la même aire.

Exercice n°3 p. 126 :



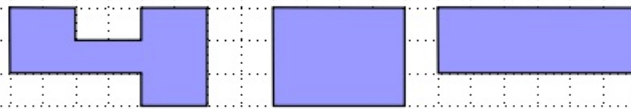
a) Aire du rectangle :

$$4 \times 6 = 24 \text{ carreaux}$$

b) Aire du triangle :

$$24 : 2 = 12 \text{ carreaux}$$

d)



Exercice n°4 p. 128 :

①



$$(3 \times 4) : 2 = 6 \text{ carreaux}$$

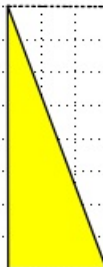
$$\text{TOTAL} = 15 \text{ carreaux.}$$

$$3 \times 3 = 9 \text{ carreaux}$$

②

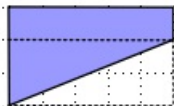
$$3 \times 6 = 18 \text{ carreaux}$$

③



$$(3 \times 8) : 2 = 12 \text{ carreaux}$$

④



$$5 \times 1 = 5 \text{ carreaux}$$

$$(2 \times 5) : 2 = 5 \text{ carreaux}$$

$$\text{TOTAL} = 10$$

Carreaux

donc ④ < ③ < ① < ②

Exercice n° 5 p. 127 :

① = 10 u

② =  $(4 \times 4) : 2 = 8$  u

③ = 8 u

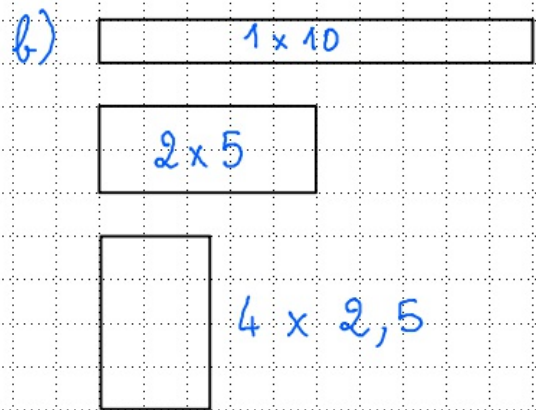
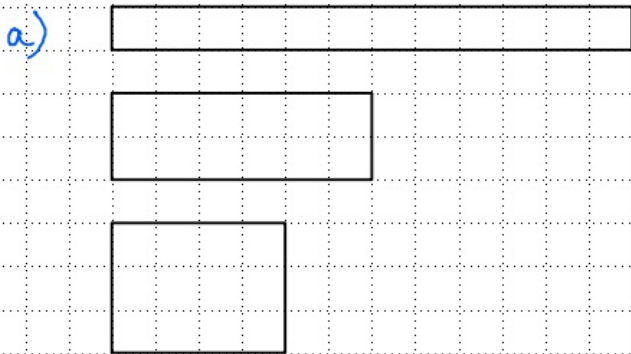
④ = 12 u

⑤  $5 + (2 \times 3) : 2$   
 $+ (2 \times 2) : 2 = 5$   
 $+ 3 + 2 = 10$  u

⑥ 12 u

⑦  $(2 \times 4) : 2 = 4$  u

Exercice n° 6 p. 127 :

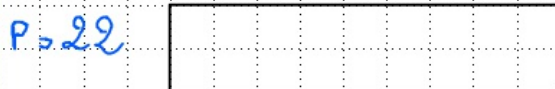


Le rectangle a un nombre  
décimal comme largeur

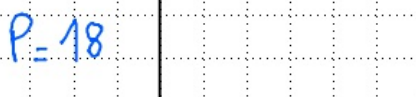
Exercice n° 7 p. 127 :



1 x 18 ✗



2 x 9 ✗



3 x 6 ✓