


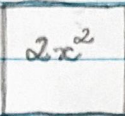
Tarefa Básica

① a) $\frac{36}{400} = 0,09 \text{ m}^2$

b) $l^2 = 0,09 \text{ m}^2$
 $l = 0,3 \text{ m}$

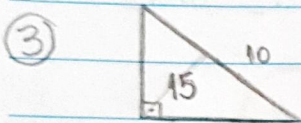
$P = 0,3 \cdot 4 = 1,2 \text{ m}$

②  $A = x^2$

 $2x^2$

$y^2 = 2x^2$
 $y = \sqrt{2} \cdot x$


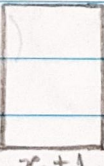
Alternativa D



$15 = \frac{10 \cdot l}{2}$

$30 = 10l$
 $l = 3$

Alternativa D

④  $x+3$  $x+4$

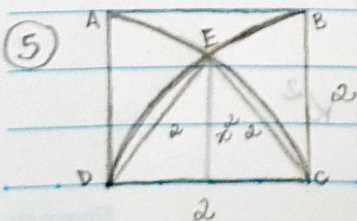
$x^2 + 5x + 4 = x^2 + 3x + 16$
 $2x = 12$
 $x = 6$

$A = x \cdot (x+3)$ $A = (x+1)(x+4)$
 $A = x^2 + 3x$ $A = x^2 + 5x + 4$

$x+1 = 7 \text{ m}$

$A = 7 \cdot 10 = 70 \text{ m}^2$

$x+4 = 10 \text{ m}$



$2^2 = 1^2 + x^2$

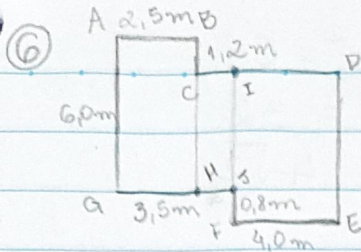
$A = 2\sqrt{3}$

$4 = 1 + x^2$

$x = \sqrt{3}$

$A = \sqrt{3}$

Alternativa A



$$A_{ABH.G} = 2,5 \cdot 6$$

$$A_{ABH.G} = 15 \text{ m}^2$$

$$\overline{DE} = 6 - 1,2 + 0,8$$

$$\overline{DE} = 5,6 \text{ m}$$

$$A_{IDEF} = 4 \cdot 5,6$$

$$A_{IDEF} = 22,4 \text{ m}^2$$

$$A_{TOTAL} = 15$$

$$+ 22,4$$

$$4,8$$

$$42,2 \text{ m}^2$$

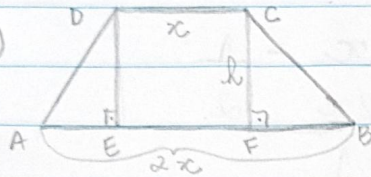
$$\overline{HJ} = 3,5 - 2,5 = 1 \text{ m}$$

$$\overline{CH} = 6 - 1,2 = 4,8 \text{ m}$$

$$A_{CIHJ} = 1 \cdot 4,8$$

$$A_{CIHJ} = 4,8 \text{ m}^2$$

Alternativa (E)



$$A = 36 \text{ cm}^2$$

$$36 = \frac{(x + 2x) \cdot h}{2}$$

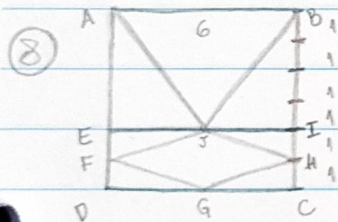
$$72 = 3x \cdot h$$

$$h = \frac{72}{3x} = 24$$

$$3x \cdot \pi$$

$$A_{CDEF} = x \cdot 24 = 24 \text{ cm}^2$$

Alternativa (E)

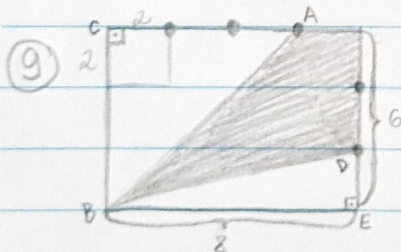


$$A_{ABJ} = \frac{6 \cdot 4}{2} = 12 \text{ cm}^2$$

$$K = \frac{6}{12} = 1$$

$$A_{FGHJ} = \frac{2 \cdot 6}{2} = 6 \text{ cm}^2$$

Alternativa (D)



$$A = 48$$

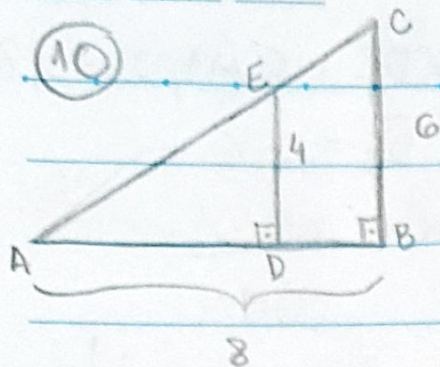
12 quadradinhos
com A = 4

$$A_{ABC} = \frac{6 \cdot 6}{2} = 18$$

$$A_{BDE} = \frac{8 \cdot 2}{2} = 8$$

$$A_{CINIA} = 48 - 18 - 8 = 22$$

Alternativa (E)



$$AADE = \dots$$

$$AABC = 2AADE$$

$$2x^2 = 64$$

$$x^2 = 32$$

$$x = 4\sqrt{2}$$

$$AADE = \left(\frac{x}{8}\right)^2$$

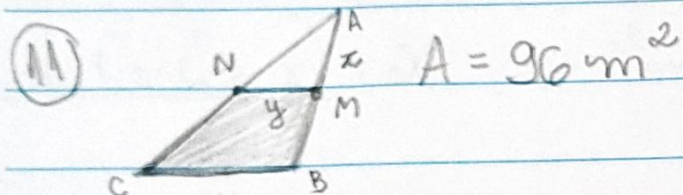
$$2AADE$$

Alternativa (A)

$$\begin{array}{r|l} 32 & 2 \\ \hline 16 & 2 \\ \hline 8 & 2 \end{array} \quad \begin{array}{r|l} 4 & 2 \\ \hline 2 & 2 \\ \hline 1 & \end{array}$$

$$\frac{1}{2} = x^2$$

$$2 \quad 64$$



$$A = 96 \text{ m}^2$$

$$K = \frac{x}{2x} = \frac{1}{2}$$

$$K^2 = \frac{1}{4}$$

$$A_{AMN} = \frac{1}{4} \cdot 96 = 24 \text{ m}^2$$

$$A_{BMNC} = 96 - 24 = 72 \text{ m}^2$$