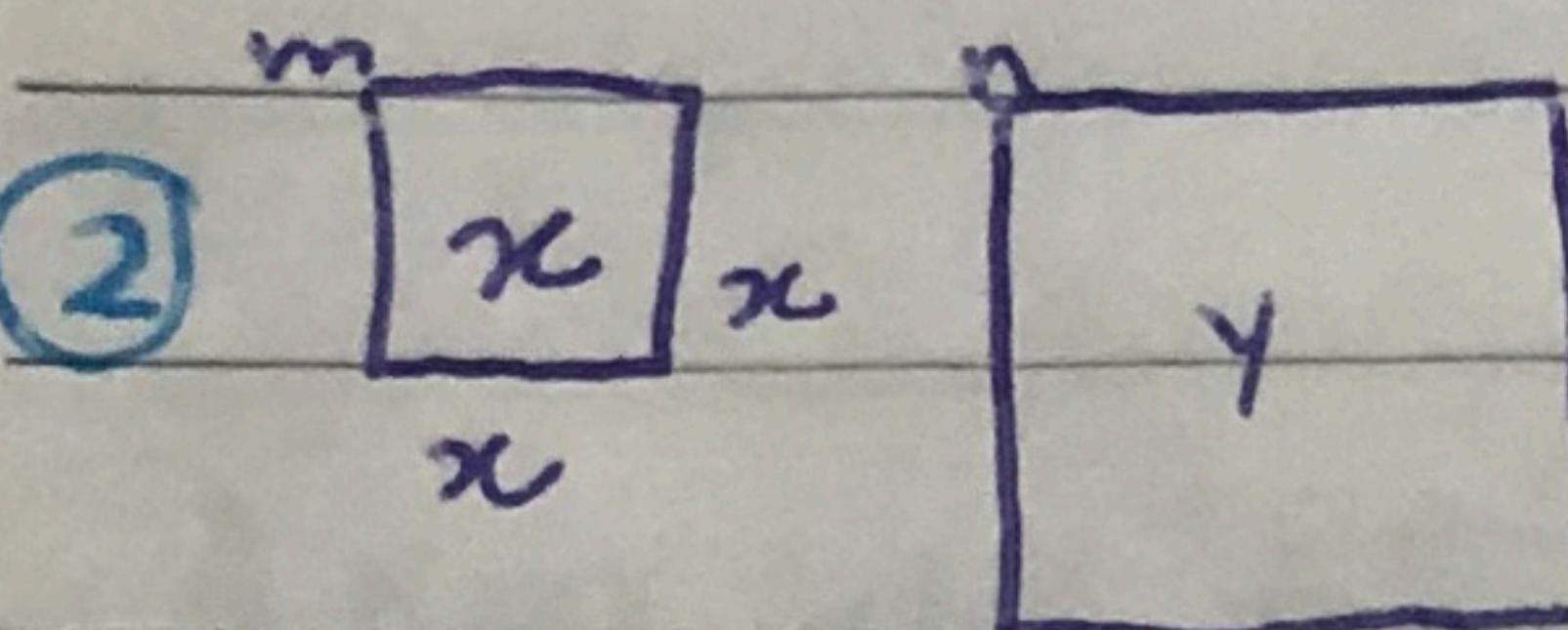
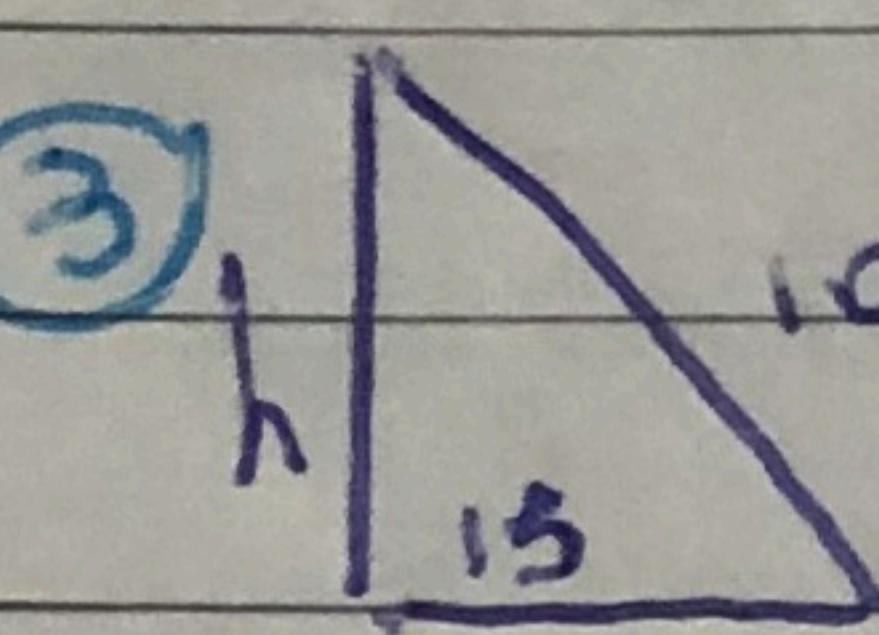


" lista 27 - Área de quadrilóteros  
e Triângulos. "

①  $a = 36/400 \rightarrow 0,09 \text{ m}^2$   
 $b = \sqrt{0,09} = 0,3$   
 $0,3 \cdot 4 = 1,2 \text{ m}_{\parallel}$

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

Letra D

③   $10 \cdot h / 2 = 15$   
 $10 \cdot h = 30$   
 $h = 3$

Letra D

⑥  $2,5 \cdot 1,2 = 3 \text{ m}^2$   $4 \cdot 0,8 = 3,2 \text{ m}^2$   $4,8 \cdot (3,5+4) = 36 \text{ m}^2$   
 $A_{TOT} = 3 + 3,2 + 36 = 42,2$

Letra E

⑧  $A = \frac{D \cdot d}{2} = \frac{6 \cdot 2}{2} = 6$ .  $A = \frac{b \cdot h}{2} = \frac{6 \cdot 4}{2} = 12$ ,

Letra D

⑨  $A_{dist.} : b \cdot h - \frac{1}{2} \cdot 3a \cdot b - \frac{1}{2} \cdot h \cdot b = \frac{11b \cdot h}{24}$   
 $\frac{11 \cdot 48}{24} = 22$

Letra E

⑩  $\frac{1}{2} AB$   $\frac{AD^2}{AB} = \frac{1}{64}$   $2AD^2 = 64$   
 $AD^2 = \frac{64}{64} = 32$

$AD = \sqrt{32}^2 = 4\sqrt{2}$

Letra A

S T Q Q S S

— / — / —

$$\textcircled{11} \quad ABC \propto AMN = k = 2$$

$$96 = 4$$

$$k^2 = 4$$

$$S = 24$$

$$A_{mn}CB = 96 - 24 = 72,$$

$$A = 72 \text{ m}^2$$