

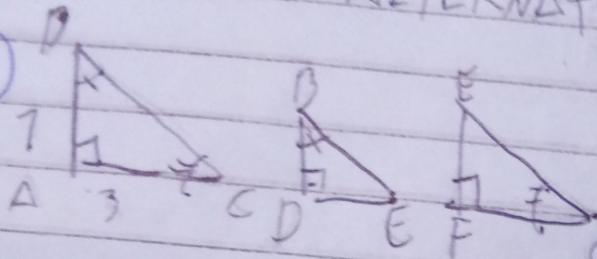
TAREFA BÁSICA - SEMELHANÇAS DE TRIÂNGULOS

①

$$\begin{array}{c} X \\ | \\ 7m \\ | \\ 72m \end{array} \quad \frac{X}{7} = \frac{12}{9,6} \quad \frac{12}{9,6} = 0,6x \quad x = \frac{12}{\frac{9,6}{0,6}} = 20m$$

ALTERNATIVA (B)

②



$$x = \frac{3}{4} \cdot 0,75$$

ALTERNATIVA (B)

$$\frac{7}{3} = \frac{7-x}{x} = \frac{x}{3-x}$$

✓

$$\begin{aligned} \frac{7}{3} &= \frac{7-x}{x} & \frac{7}{3} &= \frac{x}{3-x} \\ x &= 3 - 3x & 3x &= 3 - x \\ 4x &= 3 & 4x &= 3 \\ x &= \frac{3}{4} & x &= \frac{3}{4} \end{aligned}$$

③

$$\begin{array}{c} D \\ \diagdown \quad \diagup \\ A \quad C \\ | \quad | \\ x \quad 4 \\ | \quad | \\ 8 \quad 8 \\ | \quad | \\ 10 \quad 10 \\ | \quad | \\ 4 \quad 4 \\ | \quad | \\ x \quad x \end{array} \quad \begin{aligned} \frac{4}{8} &= \frac{x}{10} \\ 8x &= 40 \\ x &= \frac{40}{8} = 5 \end{aligned}$$

ALTERNATIVA (C)