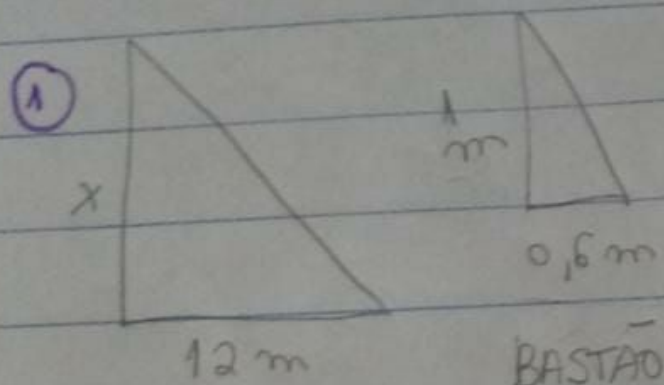


tarefa básica

SEMELHANÇA DE TRIÂNGULOS



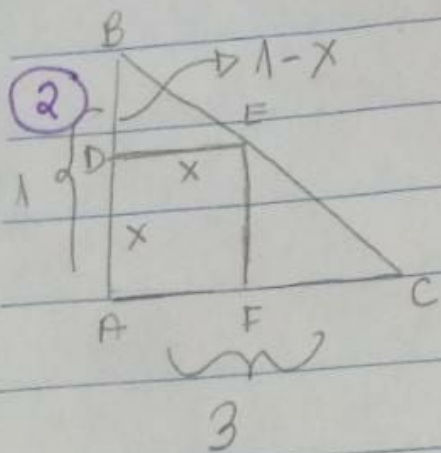
$$\frac{a}{a'} = \frac{b}{b'}$$

$$\frac{x}{1} = \frac{12}{0,6}$$

$$0,6x = 12$$

$$x = \frac{12}{0,6} = 20 \text{ m}$$

Alternativa D).



$\overline{DE} \parallel \overline{AC}$ e $\overline{AB} \parallel \overline{FE}$

semelhança de triângulos:

$$\triangle ABC \sim \triangle DBE \sim \triangle FEC$$

então,

$$\frac{AB}{DB} = \frac{AC}{DE}$$

$$\frac{1}{1-x} = \frac{3}{x}$$

$$x = 3 - 3x$$

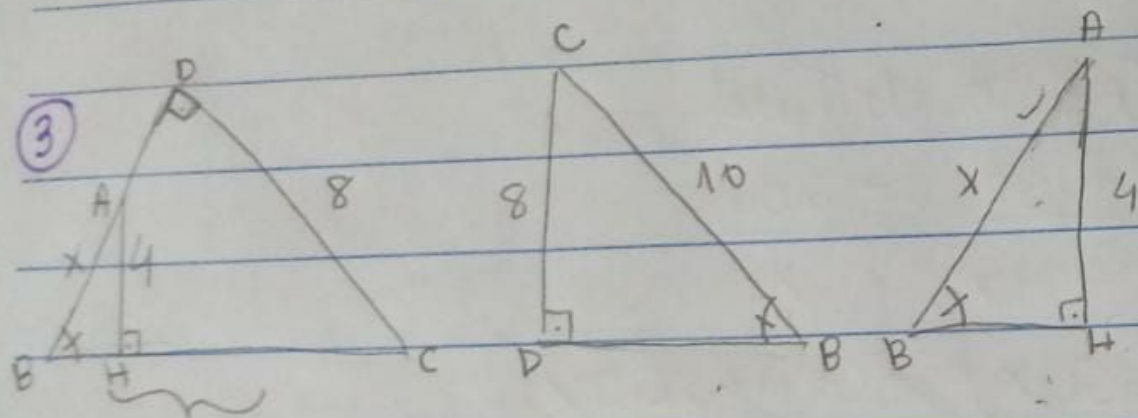
$$4x = 3$$

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

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

Alternativa B)

3



10

$$\frac{8}{4} = \frac{10}{x} \Rightarrow 8x = 40$$

$$x = \frac{40}{8} = 5 \text{ alternativa c)}$$

tilibra