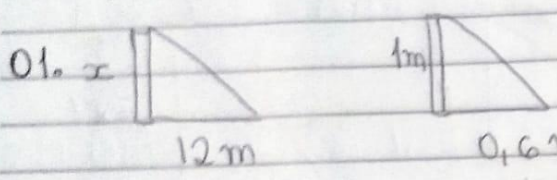
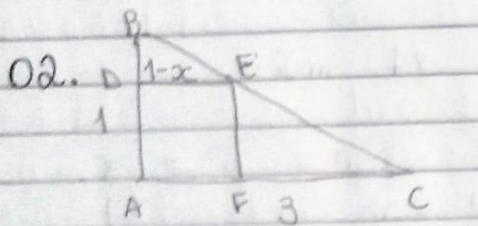


**SEMELHANÇA DE TRIÂNGULOS**

01. 

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

$$x = 20 \text{ m}$$

02. 

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

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

$$x = 3(1-x)$$

$$x = 3 - 3x$$

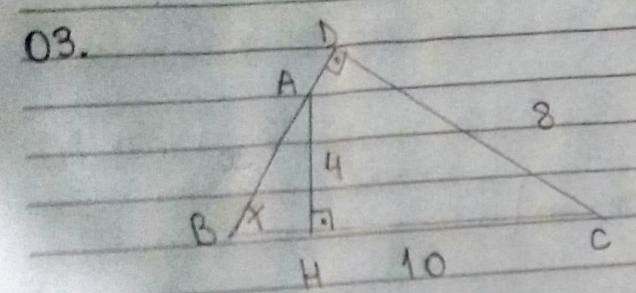
$$3x + x = 3$$

$$4x = 3$$

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

$AD = 0,75$

Não tenho certeza se os critérios de congruência estão corretos, mas deu certo no final.

03. 

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

$$8x = 40$$

$$x = \frac{40}{8}$$

$$x = 5,0$$