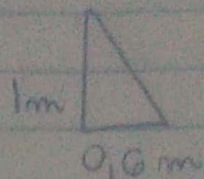
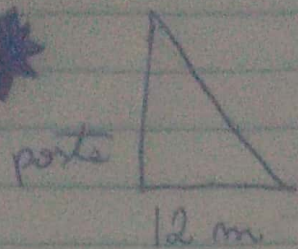


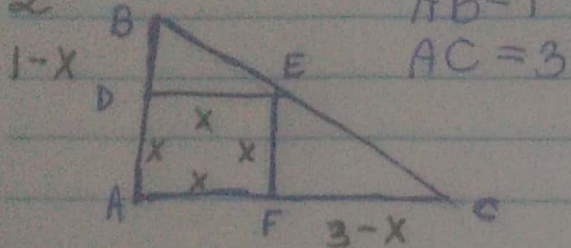
Nome: Quintana Murilo Covalcante Corrêas



$$\frac{\text{ports}}{12} = \frac{1}{0,6} = 0,5 \text{ m}$$

$$\text{ports} = \frac{12}{0,6} = 20 \text{ m (D)}$$

2-



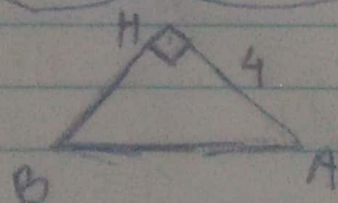
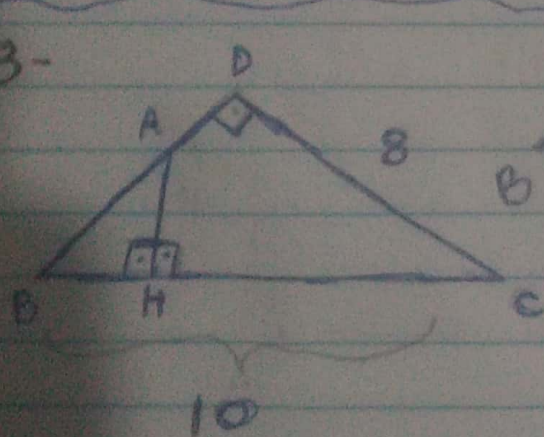
$$\begin{aligned} AB &= 1 \\ AC &= 3 \end{aligned}$$

$$\frac{BD}{DE} = \frac{EF}{FC} \rightarrow \frac{1-X}{X} = \frac{X}{3-X}$$

$$\begin{aligned} 3-X \cdot 1-X &= X \cdot X \\ 3-3X-X+X^2 &= X^2 \end{aligned}$$

$$3-4X = X^2 - X^2 \rightarrow 3-4X = 0 \rightarrow 4X = 3 \rightarrow X = \frac{3}{4} = 0,75 \text{ (B)}$$

3-



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

$$AB = \frac{40}{8} = 5 \text{ (C)}$$