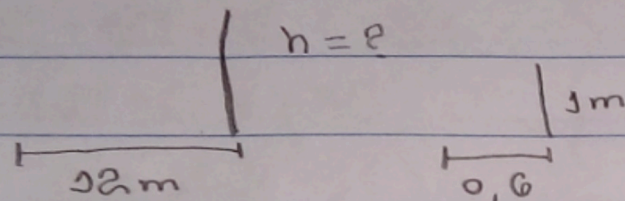


# Beatriz Gonçalves Eleutério

## • Semelhança de triângulos

1



$$\begin{array}{cc} 12 & 0,6 \\ x & 1 \end{array}$$

1

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

2

$$\begin{array}{l} AB = 1 \\ AD = Lq \end{array} \left. \begin{array}{l} BD = 1 - AD \\ DE = Lq \end{array} \right\} \begin{array}{l} AC = 3 \\ DE = AD \end{array}$$

$$\begin{array}{cc} 1 & 3 \\ 1-AD & AD \end{array}$$

$$\rightarrow 1AD = 3(1-AD)$$

$$AD = 3 - 3AD$$

$$4AD = 3$$

$$AD = \frac{3}{4} \rightarrow \boxed{0,75}$$

B

3

$$\begin{array}{cc} 4 & x \\ 8 & 10 \end{array}$$

$$8x = 40$$

$$x = \frac{40}{8} \rightarrow x = \boxed{5,0}$$

C