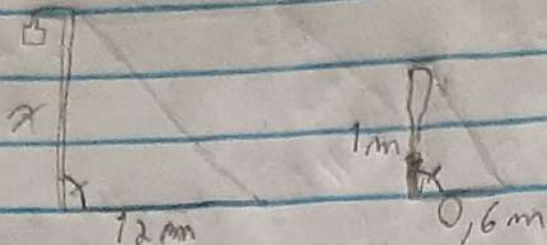


Tarefa Bônus - Semelhança de triângulos

01-



LAL

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

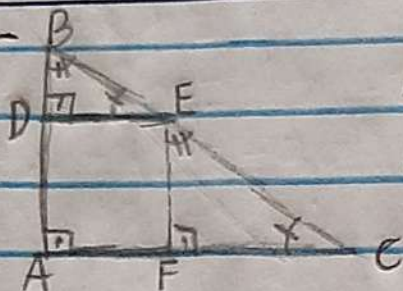
$$0,6x = 12$$

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

$$x = 20m$$

(D)

02-



$$AB = 1$$

$$AC = 3$$

$$1-x = x$$

$$x = 3-x$$

$$x^2 - 4x + 3 = x^2$$

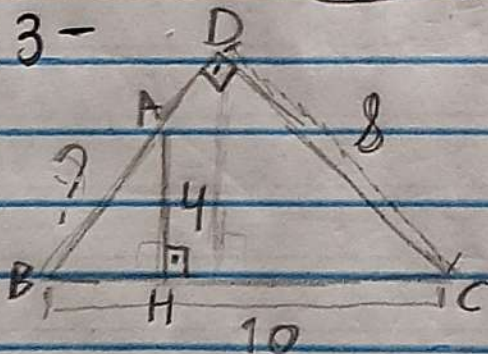
$$-4x + 3 = 0$$

$$-4x = -3 \quad (: -1)$$

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

(B)

03-



$$AH = 4$$

$$BC = 10$$

$$DC = 8$$

$$AB = ?$$

$$\frac{14}{1,8} = \frac{x}{10}$$

$$1,8x = 140$$

$$8x = 40$$

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

$$x = 5$$

(C)