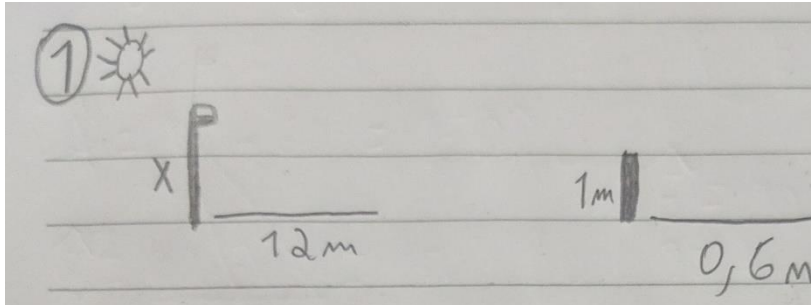


**Semelhança de triângulos:**

1.

①



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

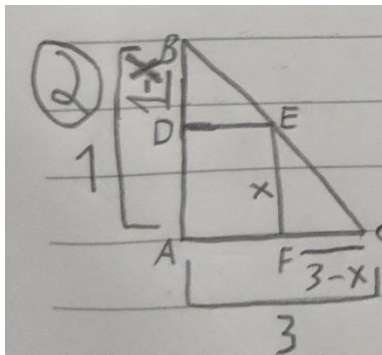
$$0,6X = 12 \cdot 1$$
$$X = \frac{12}{0,6}$$
$$X = 20m$$

R: D) 20m

R: d) 20m

2.

②



$AB = 1$   
 $AC = 3$

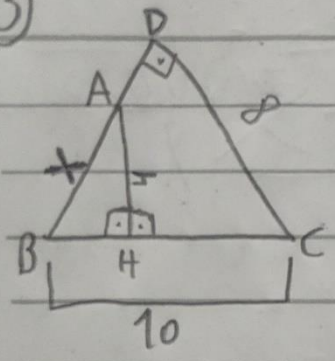
$$\frac{1}{x} = \frac{3}{3-x}$$
$$3x = 1 \cdot 3 - x$$
$$4x = 3$$
$$x = \frac{3}{4}$$
$$x = 0,75$$

R: B) 0,75

R: b) 0,75

3.

③



$AH = 4$   
 $BC = 10$   
 $DC = 8$   
 $DB = 6$

$10^2 = 8^2 + c^2$   
 $100 - 64 = c^2$   
 $c = \sqrt{36}$   
 $c = 6$

$\frac{8}{4} = \frac{10}{x}$   
 $8x = 10 \cdot 4$   
 $x = \frac{40}{8}$   
 $x = 5$

R: c) 5,0

R: c) 5,0