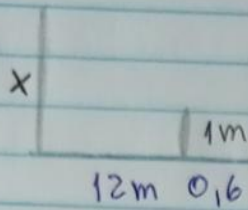


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Semelhança de Triângulos

Exercícios 1 e 2

01.



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

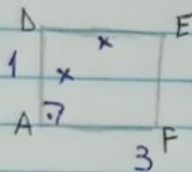
$$0,6x = 12$$

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

$$x = 20m //$$

Resposta D

02.



$$\frac{AB}{DB} = \frac{AC}{DE}$$

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

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

$$x = 3 - 3x$$

$$3x + x = 3$$

$$4x = 3$$

$$x = \frac{3}{4}$$

$$x = 0,75 //$$

Resposta B

Exercício 3

03.

Diagram showing two right-angled triangles, $\triangle ABH$ and $\triangle ACH$, sharing a common vertex A and a common hypotenuse BC . The right angles are at H . The side AH is labeled 4, the side AC is labeled 8, and the side BH is labeled 10. The side HC is labeled x .

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

Resposta C