

# Semelhança de Triângulos - CT 11317 -

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1) (FUVEST)

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

$$0,6x = 12$$

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

①

$$x = 20m$$

2) (FUVEST)

$$AB = 1, AC = 3$$

$$\frac{AC - AD}{DE} = \frac{AC}{AB}$$

$$\frac{(3 - a)}{a} = \frac{3}{1}$$

$$4a = 3$$

$$a = \frac{3}{4} = 0,75$$

3 -

$$\frac{4}{8} \times \frac{x}{10}$$

$$8x = 40$$

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

$$x = 5$$

C