

## Semelhança de Triângulos

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

$$0,6x = 12 \cdot 1$$

$$x = \underline{12}$$

$$x = 20 \quad \text{letra D}$$

$$2) \frac{AB}{WB} = \frac{AC}{WE} \rightarrow \frac{1}{1-\alpha W} = \frac{3}{\alpha W}$$

$$\alpha W = 3(1 - \alpha W)$$

$$\alpha W = 3 - 3\alpha W$$

$$4\alpha W = 3$$

$$\alpha W = \frac{3}{4} \rightarrow \alpha W = 0,45$$

$$3) \frac{4}{8} = \frac{x}{10} \quad x = \frac{40}{8}$$

$$8x = 4 \cdot 10 \quad x = 5,0$$

$$8x = 40 \quad \text{letra E}$$