Tarefa Básica - Semelhança de triângulo

1. $x = \dfrac{12}{0,6}$

$x = \dfrac{12}{\frac{6}{10}}$

$x = \dfrac{120}{6}$

$x = 20m$ alternativa D

2. $\overline{DE} \parallel \overline{AC}$ → Semelhança de triângulo   → $\dfrac{AB}{DB} = \dfrac{AC}{DE}$

$\overline{AB} \parallel \overline{FE}$ $\triangle ABC \sim \triangle DBE \sim \triangle FEC$

$\dfrac{AB}{DB} = \dfrac{AC}{DE} : \dfrac{1}{1-x} = \dfrac{3}{x}$

$x = 3 - 3x$

$x + 3x = 3$

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

$x = 0,75$ alternativa B

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3. $\dfrac{4}{8} = \dfrac{x}{10}$ → $8x = 40$

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

$x = 5,0$ alternativa C