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Turma: CTII 348

Prontuário: CB1990209

Disciplina: Matemática

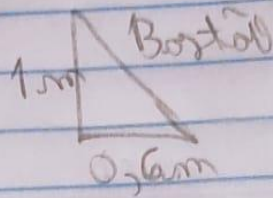
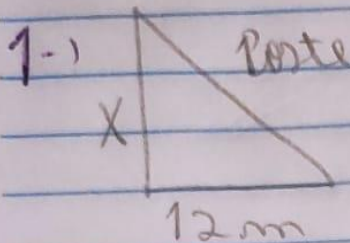
IFSP - Câmpus Cubatão

Tarefa Básica 04
Semelhança de Triângulos
(Foto na página seguinte)

Exercícios 1, 2 e 3:

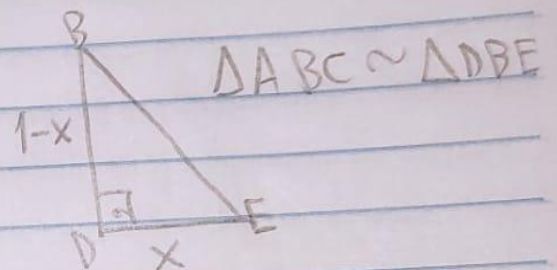
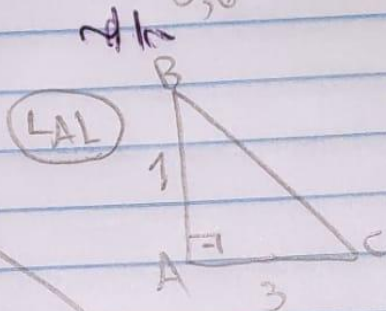
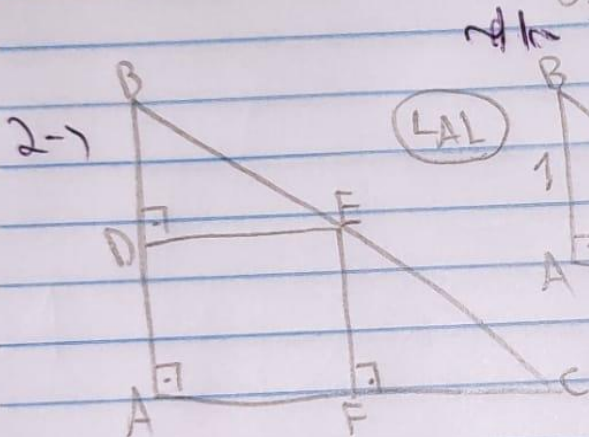
matéria 4- semelhança de triângulos

Exercício Básico



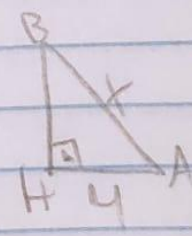
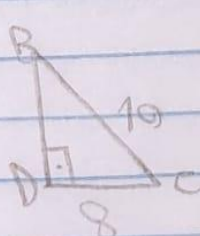
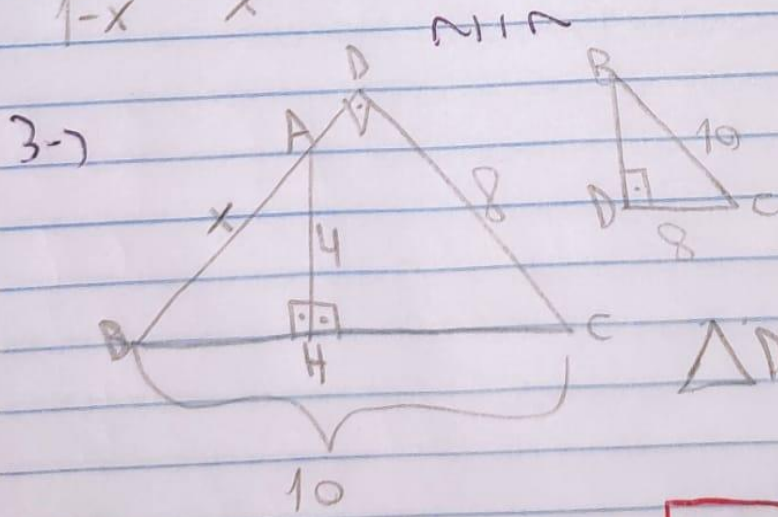
$$\frac{X}{1} = \frac{12}{0,6} \therefore$$

$\therefore 0,6X = 12 \Rightarrow X = \frac{12}{0,6} \Rightarrow X = 20m$ → letra D.



$\triangle ABC \sim \triangle DBE$

$\frac{1}{1-x} = \frac{3}{x} \Rightarrow x = 3 - 3x \Rightarrow 4x = 3 \Rightarrow X = \frac{3}{4} \Rightarrow X = 0,75$ → letra B



$\triangle BDC \sim \triangle HBA$

$\frac{10}{8} = \frac{x}{4} \Rightarrow 8x = 40 \Rightarrow X = \frac{40}{8} \Rightarrow X = 5$ → letra C