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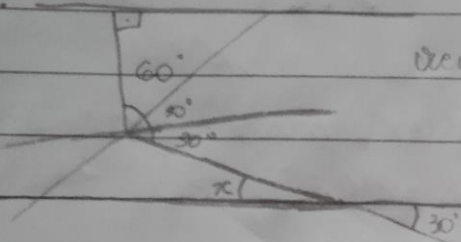
Tarefa Básica - Geometria Plana

01. $60^\circ + x = 180^\circ$

$$x = 180^\circ - 60^\circ$$

$$x = 120^\circ \text{ Letra C}$$

02.



região do Z $\rightarrow x = 30^\circ$ Letra B

03. $x + a = 180^\circ$

$$2a + a = 180^\circ$$

$$3a = 180^\circ$$

$$a = 60^\circ$$

$$x = 2a \text{ (não congruentes)}$$

$$x = 2 \cdot 60^\circ$$

$$x = 120^\circ \text{ Letra D}$$

04. não consegui resolver

05. $x = \frac{5 \cdot (180^\circ - x)}{4}$

4

$$4x = 900^\circ - 5x$$

$$4x + 5x = 900^\circ$$

$$9x = 900^\circ$$

$$x = 100^\circ \text{ Letra A}$$

$$06. \quad x = \frac{90^\circ - x}{2}$$

$$2$$

$$2x + x = 90^\circ$$

$$3x = 90^\circ$$

$$x = 30^\circ \text{ Letra A.}$$

$$07. \quad 3 \cdot (90^\circ - x) = \frac{180 - x}{3}$$

$$3$$

$$270^\circ - 3x = \frac{180 - x}{3}$$

$$3$$

$$3 \cdot (270^\circ - 3x) = 180 - x$$

$$810^\circ - 9x = 180^\circ - x$$

$$810^\circ - 180^\circ = -x + 9x$$

$$8x = 630^\circ$$

$$x = 78,75^\circ = 78^\circ + 0,75^\circ \cdot (60') = 78^\circ 45' \text{ Letra E}$$