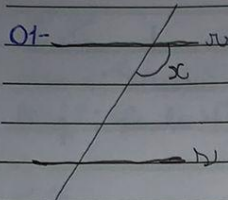


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Turma: CTII 317

Geometria Plana



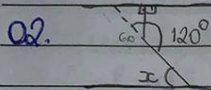
01.

valor de x ?

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

$$x = 180^\circ - 60^\circ \rightarrow 120$$

Letra C



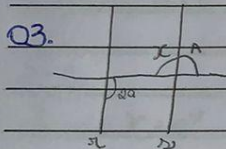
02.

$$60^\circ + 90^\circ + x = 180^\circ$$

$$x = 180 - 150$$

$$x = 30^\circ$$

Letra B



03.

valor de x ?

$$x = 2a \text{ (alturas interiores, cujas, congruentes).}$$

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

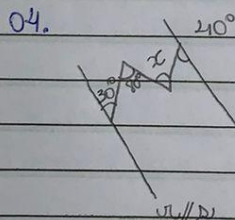
$$2a + a = 180^\circ$$

$$3a = 180^\circ \rightarrow 60^\circ$$

$$x = 2a$$

$$x = 2 \cdot 60 \rightarrow 120^\circ$$

Letra D



04.

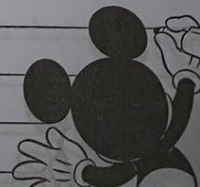
$$30^\circ + x = 90^\circ + 40^\circ$$

$$30^\circ + x = 120^\circ$$

$$x = 120^\circ - 30^\circ$$

$$x = 90^\circ$$

Letra A



$$05. x + y = 180^\circ$$

$$x = 80$$

$$y = (5/4)x$$

$$y = (5/4) \cdot 80^\circ$$

$$x + (5/4)x = 180^\circ$$

$$y = 100^\circ$$

$$(9/4)x = 180^\circ$$

$$x = 180^\circ$$

$$9/4$$

Letra A

$$06. x = 90^\circ - x$$

$$2$$

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

$$3x = 90^\circ$$

$$x = 90^\circ$$

$$3$$

$$x = 30^\circ$$

Letra A

$$07. x = \hat{\text{ângulo}}$$

$$3(90^\circ - x) = 180^\circ - x$$

$$3$$

$$270^\circ - 3x = 180^\circ - x$$

$$3$$

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

$$8x = 810^\circ - 180^\circ$$

$$8x = 630^\circ \rightarrow 78,75^\circ$$

Letra E

