

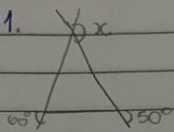
Nome: Maria Eduarda Aguiar Hader

Turma: CTII 317

Triângulos



01.



$$a = b + c$$

$$x = 60^\circ + 50^\circ$$

$$x = 110^\circ$$

Letra C

02. $3x + 4x + 5x = 180^\circ$

$$12x = 180$$

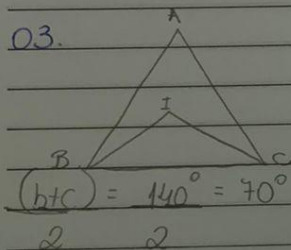
$$x = 180$$

$$12$$

$$x = 15^\circ$$

Letra E

03.



$$b + c = 180^\circ - 40^\circ$$

$$b + c = 140^\circ$$

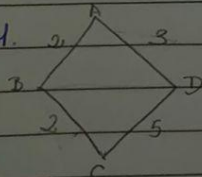
$$7 + 70^\circ = 180^\circ$$

$$7 = 180^\circ - 70^\circ$$

$$7 = 110^\circ$$

Letra D

04.



$$abc$$

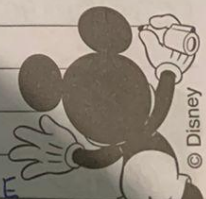
$$|2-3| < x < 2+3 \dots$$

$$1 < x < 5$$

$$bcd = |2-5| < x < 2+5$$

$$3 < x < 7 / 3 < x < 5, x = 4$$

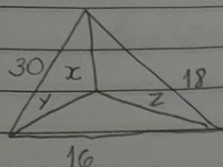
Letra E



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tilibra

05.



$$\begin{cases} 30 < x+y \\ 18 < x+z \\ 16 < z+y \end{cases}$$

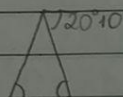
$$64 < 2x + 2y + 2z$$

$$32 < x + y + z$$

16 soma deve ser maior que 32.

Letra E

08.



$$x + x = 20^\circ 10'$$

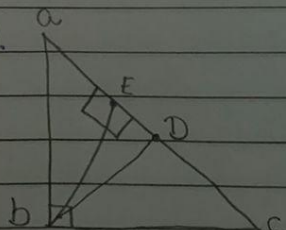
$$2x = 20^\circ 10'$$

$$x = 20^\circ 10' / 2$$

$$x = 10^\circ 05'$$

Letra B

09.



$$EDB = 180^\circ - 10^\circ - 90^\circ$$

$$EDB = 80^\circ$$

$$EDB = 180^\circ - 80^\circ = 100^\circ$$

DB é bissetriz, $DBE = 45^\circ$

$$DCB = 180^\circ - 100^\circ - 45^\circ = 35^\circ$$

$$ECB = 180^\circ - 90^\circ - 35^\circ = 55^\circ$$

