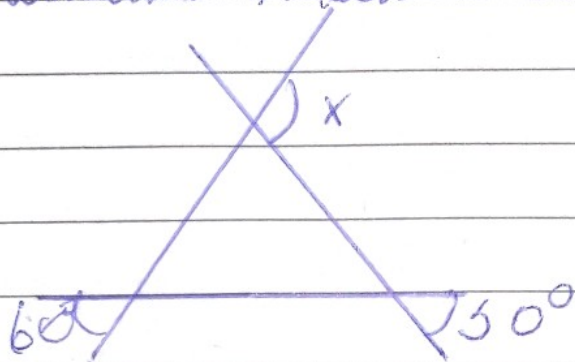


Triangulos - Tarefa Basica - CT11317

Nome: Vinicius Feliciano da Silva

01



$$C + B = E_x A$$

$$130^\circ + 120^\circ = E_x A$$

$$250^\circ = E_x A$$

$$x + E_x A = 360^\circ$$

$$x + 250^\circ = 360^\circ$$

$$x = 360^\circ - 250^\circ$$

$$x = 110^\circ$$

$$B = 180^\circ - E_x B$$

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

$$B = 120^\circ$$

$$C = 180^\circ - E_x C$$

$$C = 180^\circ - 50^\circ$$

$$C = 130^\circ$$

C

Q2.

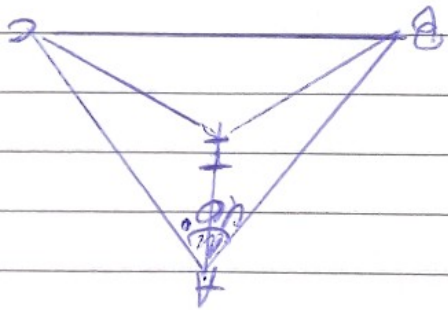
$$3x + 4x + 5x = 180^\circ$$

$$12x = 180^\circ$$

$$x = \frac{180^\circ}{12}$$

$$x = 15^\circ$$

Q3.



$$B + C = 180^\circ - 40^\circ - 30^\circ$$

$$B + C = 110^\circ$$

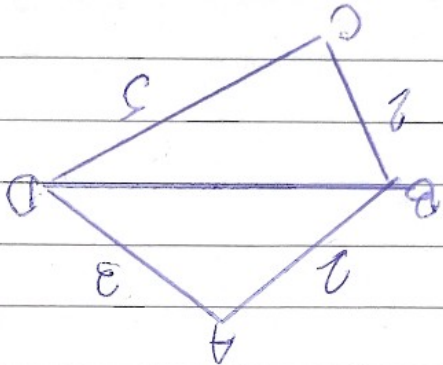
$$\frac{B + C}{2} = \frac{110^\circ}{2} = 55^\circ$$

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

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

$$I = 110^\circ$$

Q4.



$$BD = 4$$

$$ABD = 2 + 3 > x > 3 - 2$$

$$ABD = 5 > x > 1$$

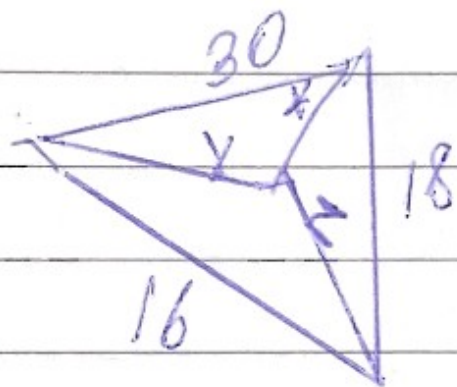
$$BCD = 2 + 3 > x > 3 - 2$$

$$BCD = 5 > x > 3$$

$$x = 4$$

3 (4) 5

Q5 -



$$x + y + z = 30$$

$$x + z = 18$$

$$y + z = 16$$

$$2x + 2y + 2z = 64$$

$$x + y + 2z = 32$$

$$R: 33$$