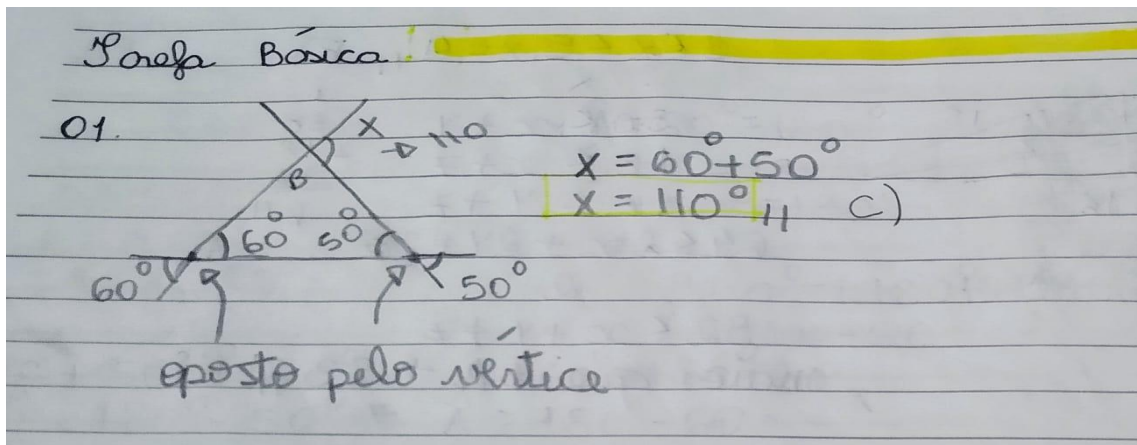


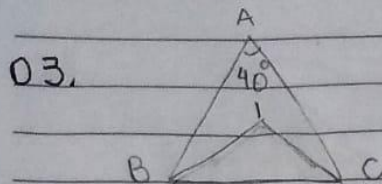
TRIÂNGULOS

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

$$12x = 180^\circ$$

$$x = \frac{180^\circ}{12} = 15^\circ$$

E)



03.

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

$$B + C = 140^\circ$$

$$\frac{(B+C)}{2} = \frac{140^\circ}{2} = 70^\circ$$

BIC:

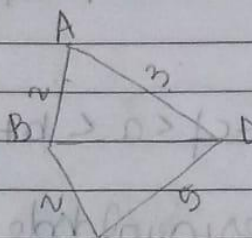
$$I + 70^\circ = 180^\circ$$

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

$$I = 110^\circ$$

D)

04.



BD + p^o natural

usando a condição de triângulos

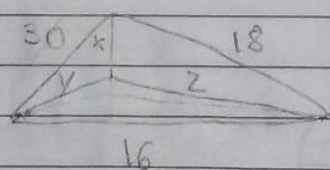
$$ABD \rightarrow |2-3| < x < 2+3 \rightarrow 1 < x < 5$$

$$BCD \rightarrow |2-5| < x < 2+5 \rightarrow 3 < x < 7$$

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

E)

05.



$$30 < x + y$$

$$18 < x + z$$

$$16 < y + z$$

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

2

$$32 < x + y + z$$

maior que 32 + 33 = 65 E)

