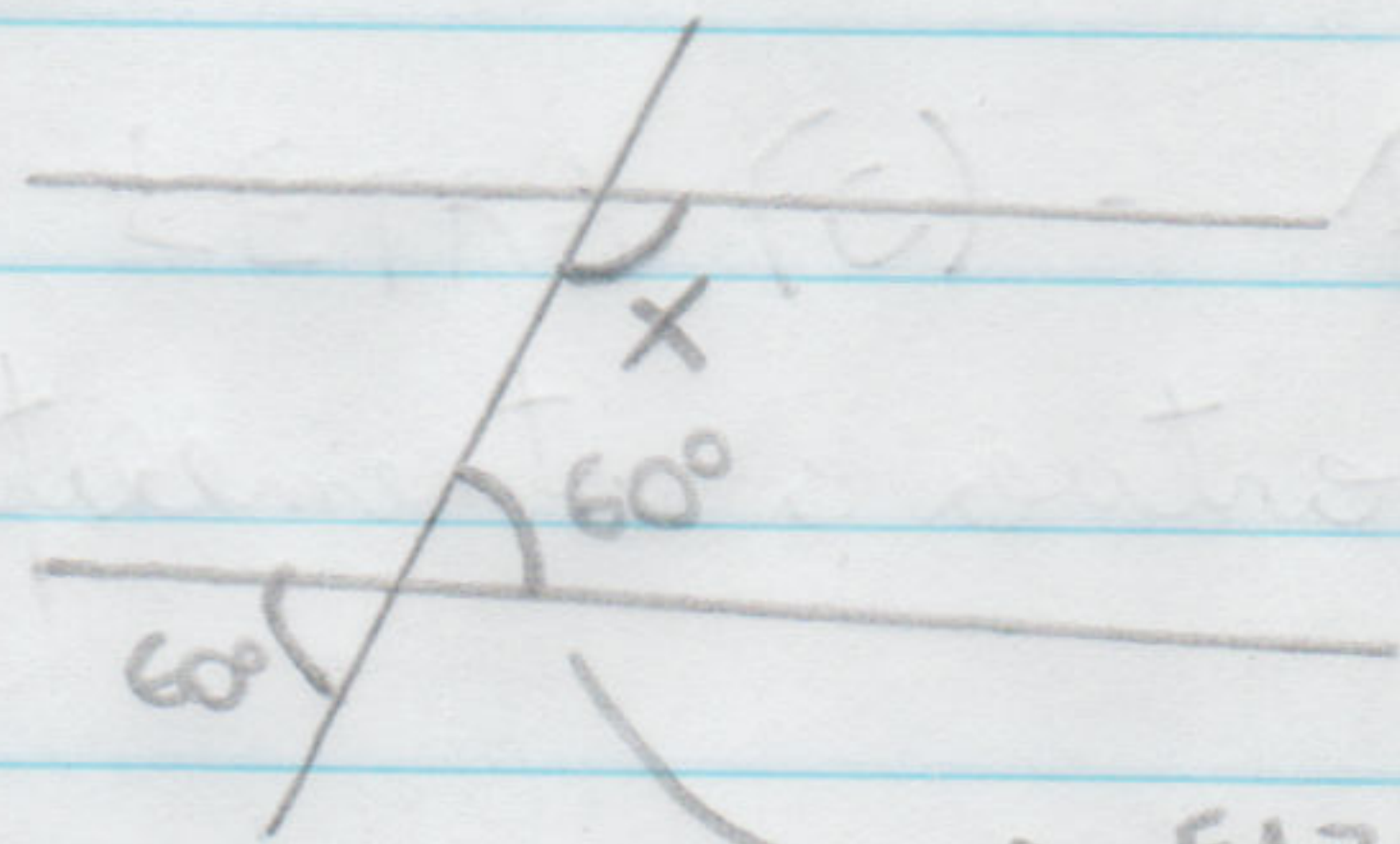


1-

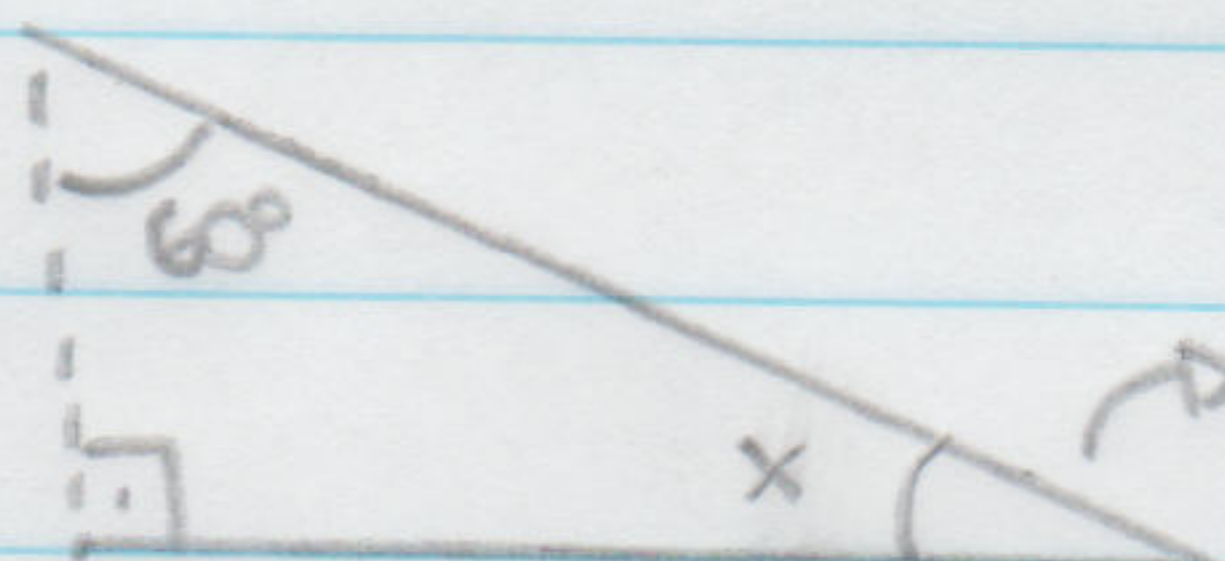
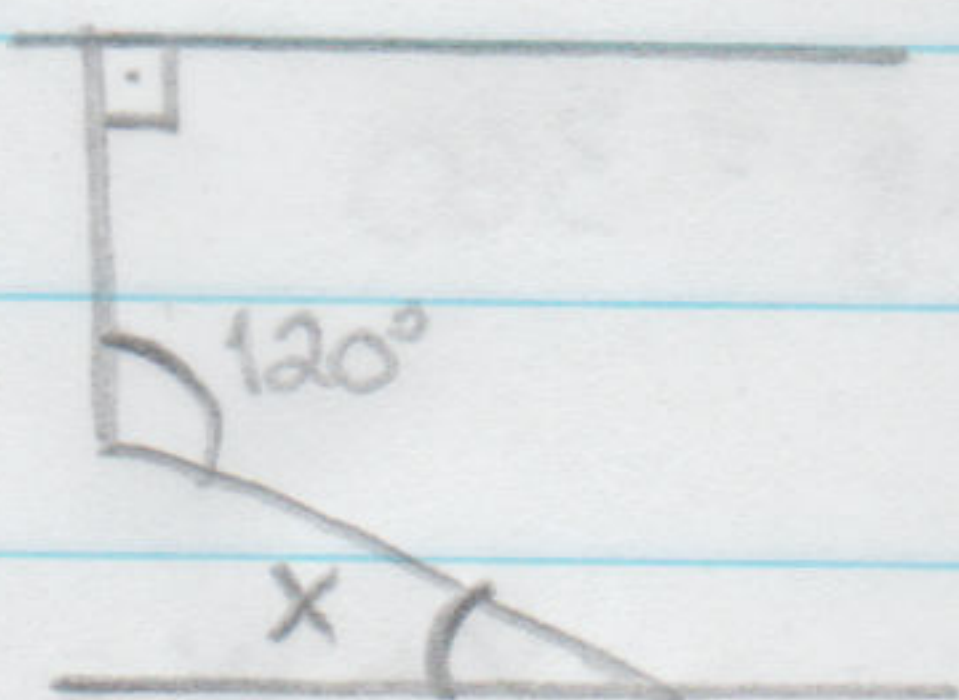


$$180 = x + 60$$

$$x = 180 - 60 \Rightarrow 120^\circ \text{ LETRA (C)}$$

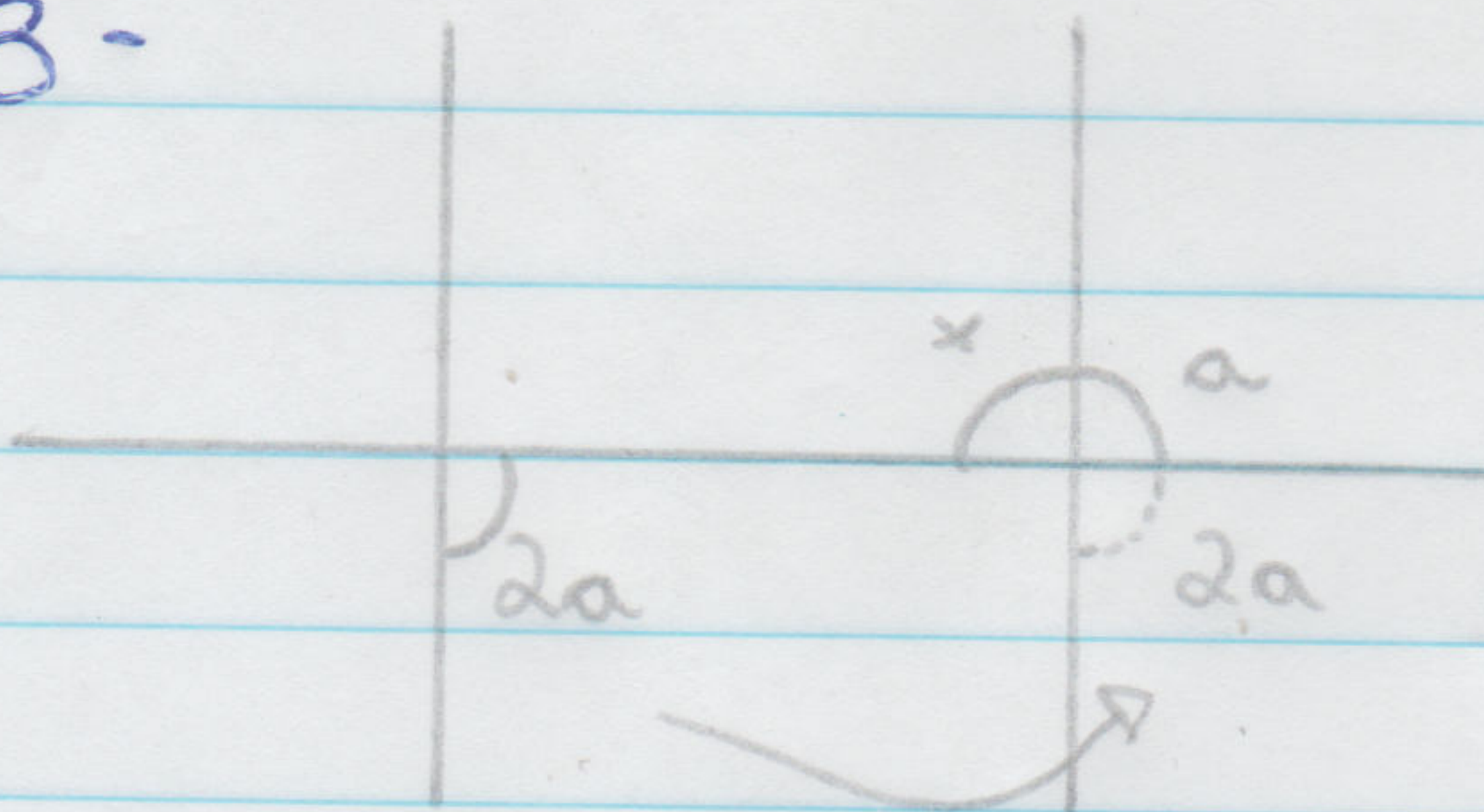
FAZENDO ISSO, ELES SE TORNAM ALTERNOS INTERNOS

2-



$$30^\circ \text{ LETRA (B)}$$

3-



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

$$3a = 180$$

$$a = \frac{180}{3} \Rightarrow 60^\circ$$

$$x + a = 180$$

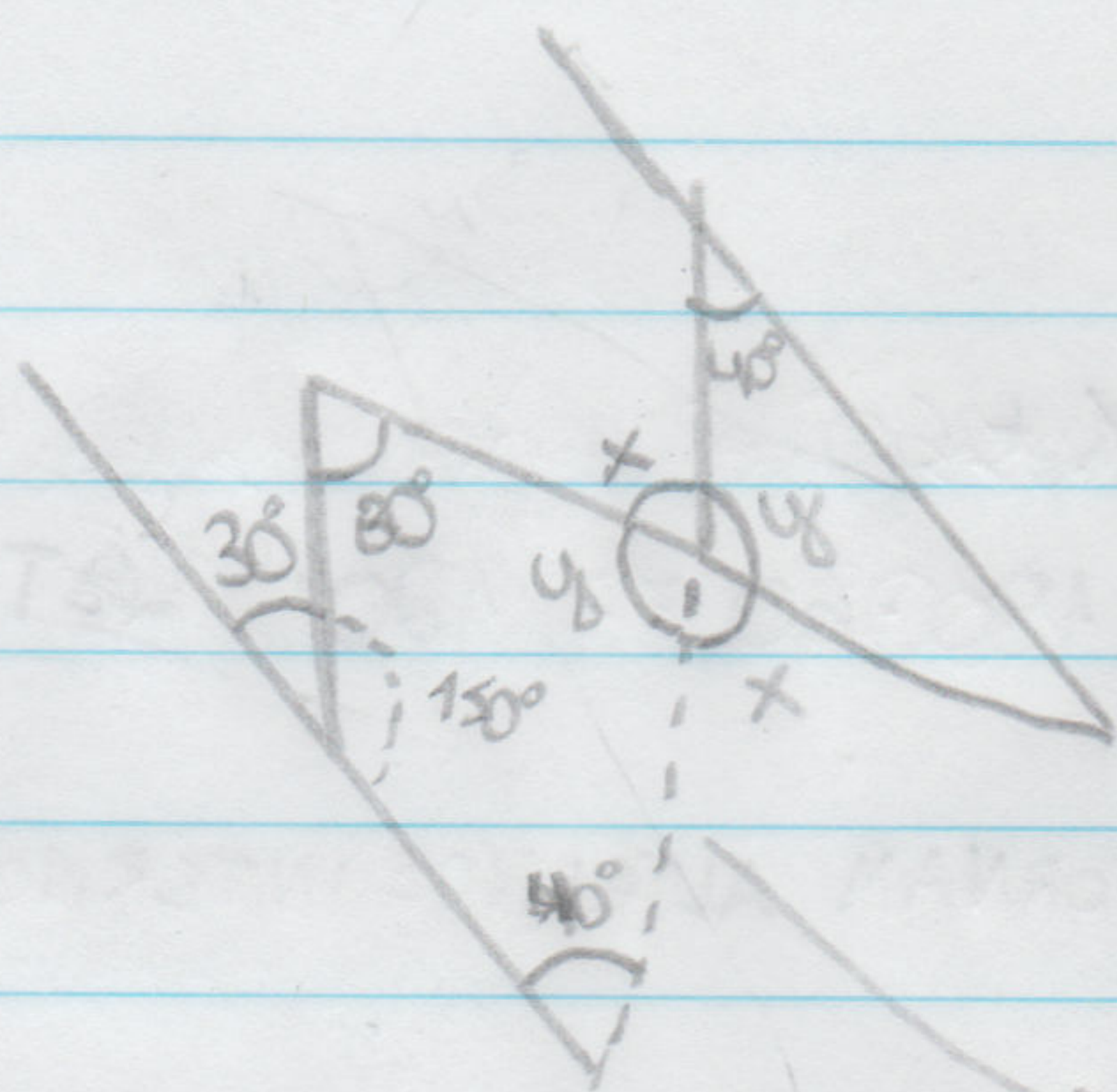
$$x + 60 = 180$$

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

LETRA (D)



4-



▷ QUADRILÁTERO

$$150^\circ + 80^\circ + 40^\circ + y = 360$$

$$y = 90^\circ$$

$x + y = \text{SUPLEMENTARES}$

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

$$x = 90^\circ //$$

5-

$$\alpha = \frac{5}{4} \cdot (180^\circ - \alpha)$$

$$\alpha = \frac{900 - 5\alpha}{4}$$

$$4\alpha = 900 - 5\alpha$$

$$9\alpha = 900$$

$$\alpha = \frac{900}{9} \Rightarrow 100^\circ \text{ LETRA (A)}$$



$$6- \quad x = \frac{90^\circ - x}{2} \Rightarrow 2x = 90^\circ - x$$

$$3x = 90^\circ \Rightarrow x = \frac{90}{3} \Rightarrow 30^\circ //$$

7-

$$3 \cdot (90 - x) = \frac{180 - x}{3} \Rightarrow 9(90 - x) = 180 - x$$

$$810 - 9x = 180 - x$$

$$810 - 180 = 9x - x$$

$$630 = 8x$$

$$x = \frac{630}{8} \Rightarrow 78,75 //$$

$$78^\circ (0,75 \cdot 60)$$

$$78^\circ 45' //$$

LETRA (E)