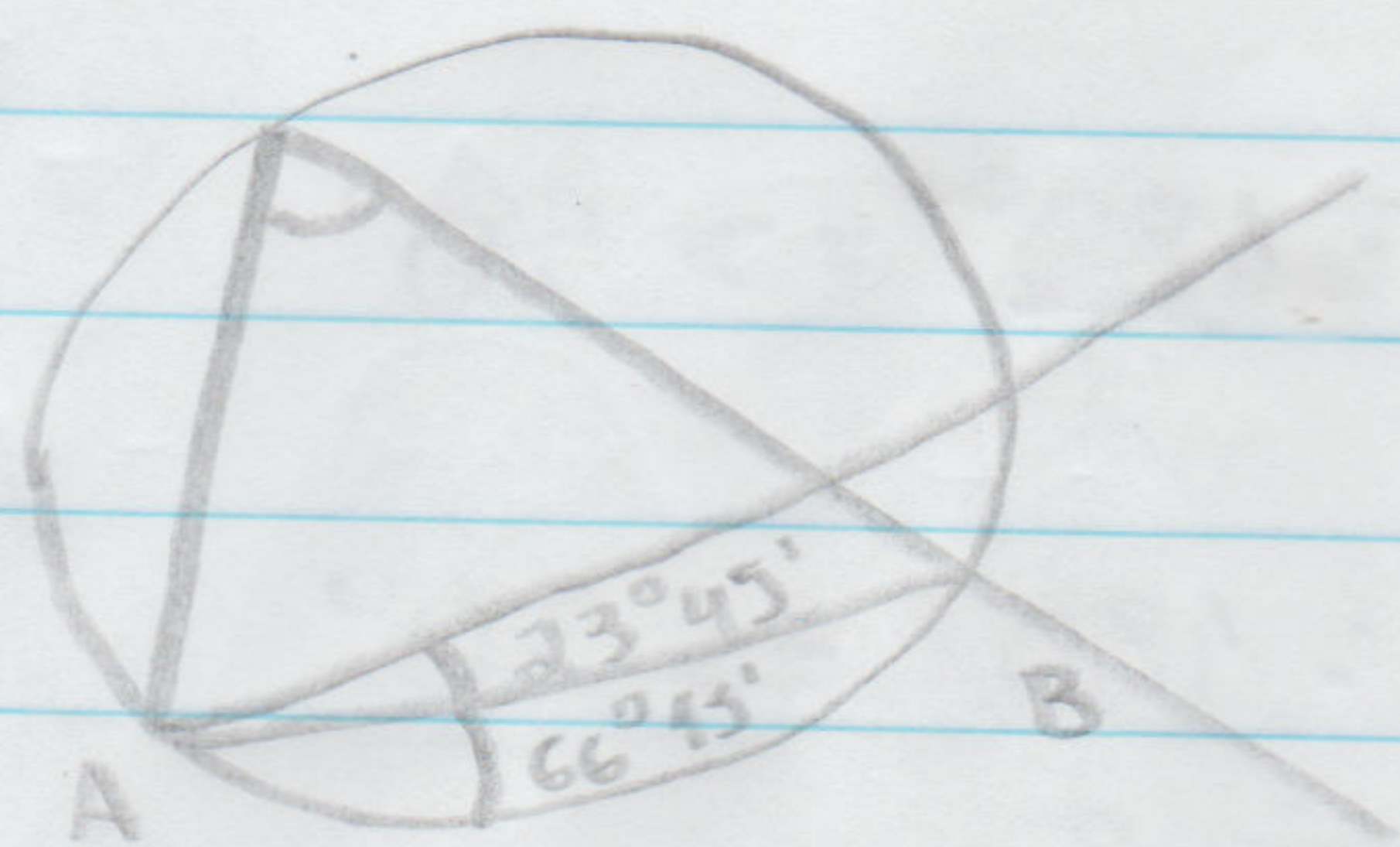


1-



- Diámetro $\rightarrow 180^\circ$

$$23^\circ 45'$$

$$23^\circ 45'$$

$$46^\circ 90' \rightarrow 60 + 30$$

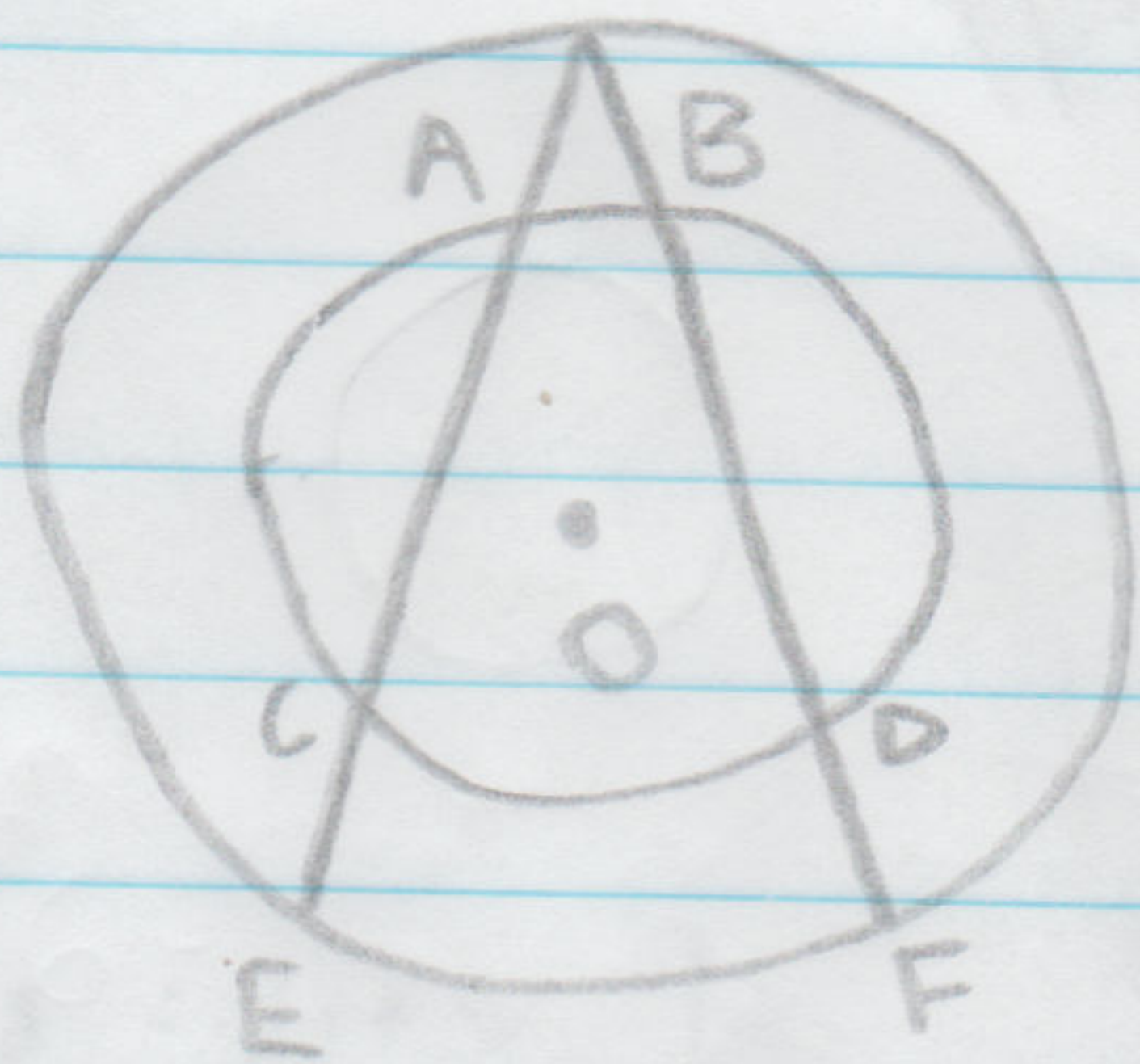
$$47^\circ 30' //$$

$$\begin{array}{r} 180^\circ 00' \\ - 47^\circ 30' \\ \hline 132^\circ 30' \\ - 47^\circ 30' \\ \hline 132^\circ 30' \end{array}$$

$$x = \frac{132^\circ 30'}{2} = 66^\circ 15'$$

$$\text{LETRA (E)} \quad 66^\circ 15' //$$

2-



$$E = \frac{\hat{C}D - \hat{A}B}{2}$$

$$20^\circ = x - \frac{40}{2}$$

$$40^\circ = x - 40^\circ$$

$$x = 80^\circ \quad \text{LETRA (E)}$$

$$3 - \hat{C}D = 70^\circ \rightarrow \hat{B} = 35^\circ + 35^\circ$$

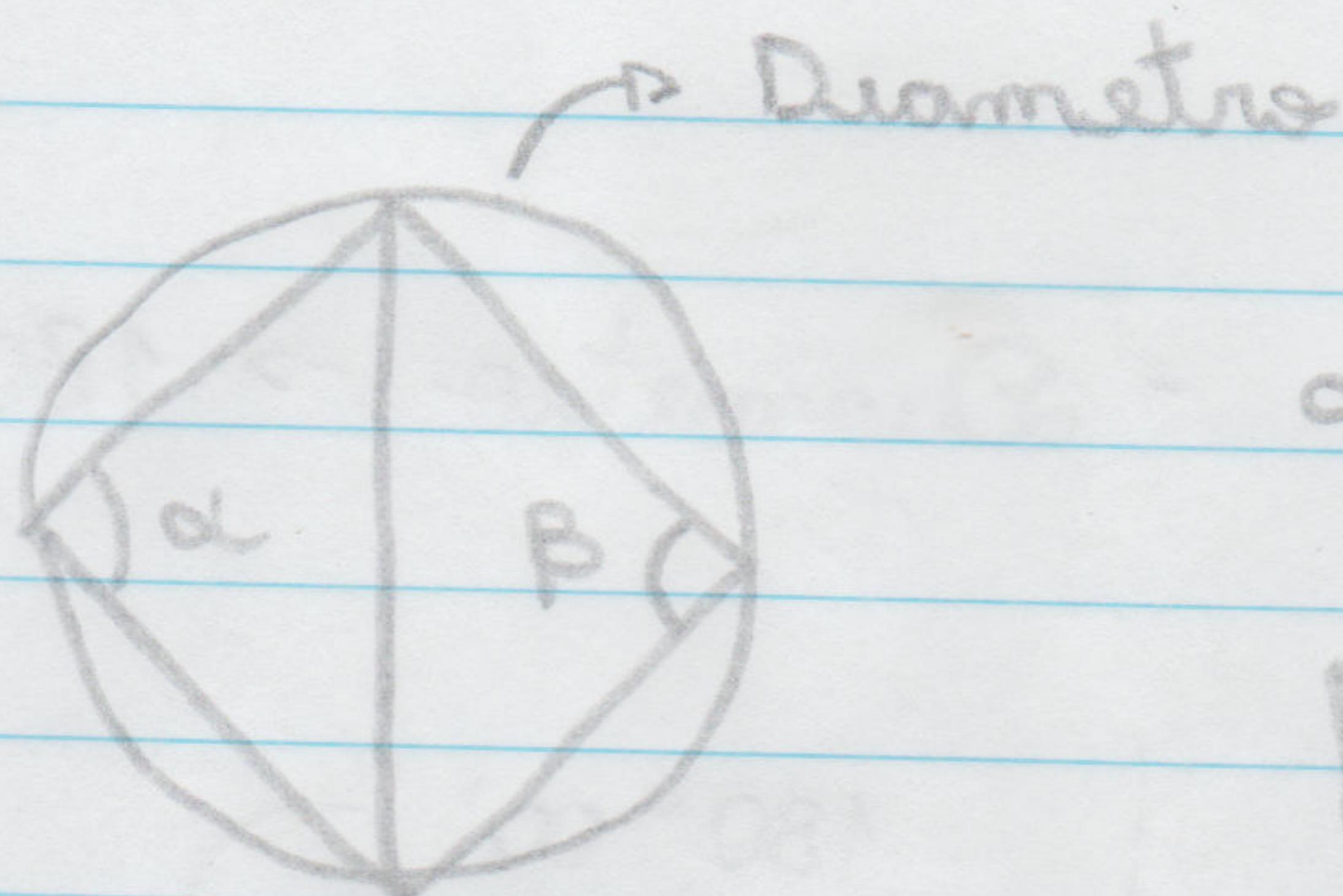
$$\hat{C}D = 70^\circ \rightarrow \hat{A} = 70^\circ \rightarrow 35^\circ$$

$$\triangle ADE = 35^\circ + 35^\circ + \alpha = 180^\circ$$

$$\alpha = 95^\circ$$

$$\text{LETRA (A)} //$$

4-

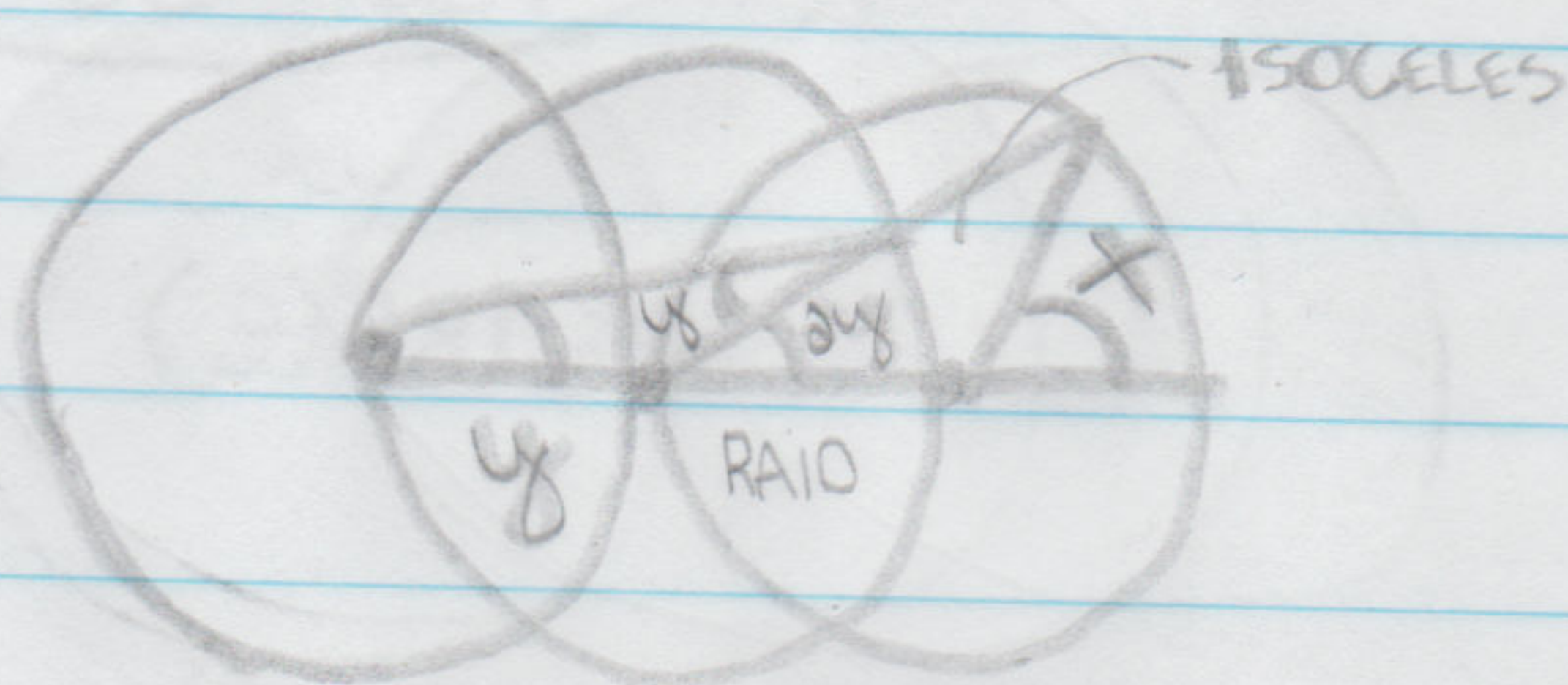


$$\alpha = \frac{180^\circ}{2} \Rightarrow 90^\circ$$

$$\beta = \frac{180^\circ}{2} \Rightarrow 90^\circ$$

$$\alpha + \beta = 180^\circ \quad \left\{ \begin{array}{l} 180^\circ = \pi \text{ rad} \\ \text{LETRA(C)} // \end{array} \right.$$

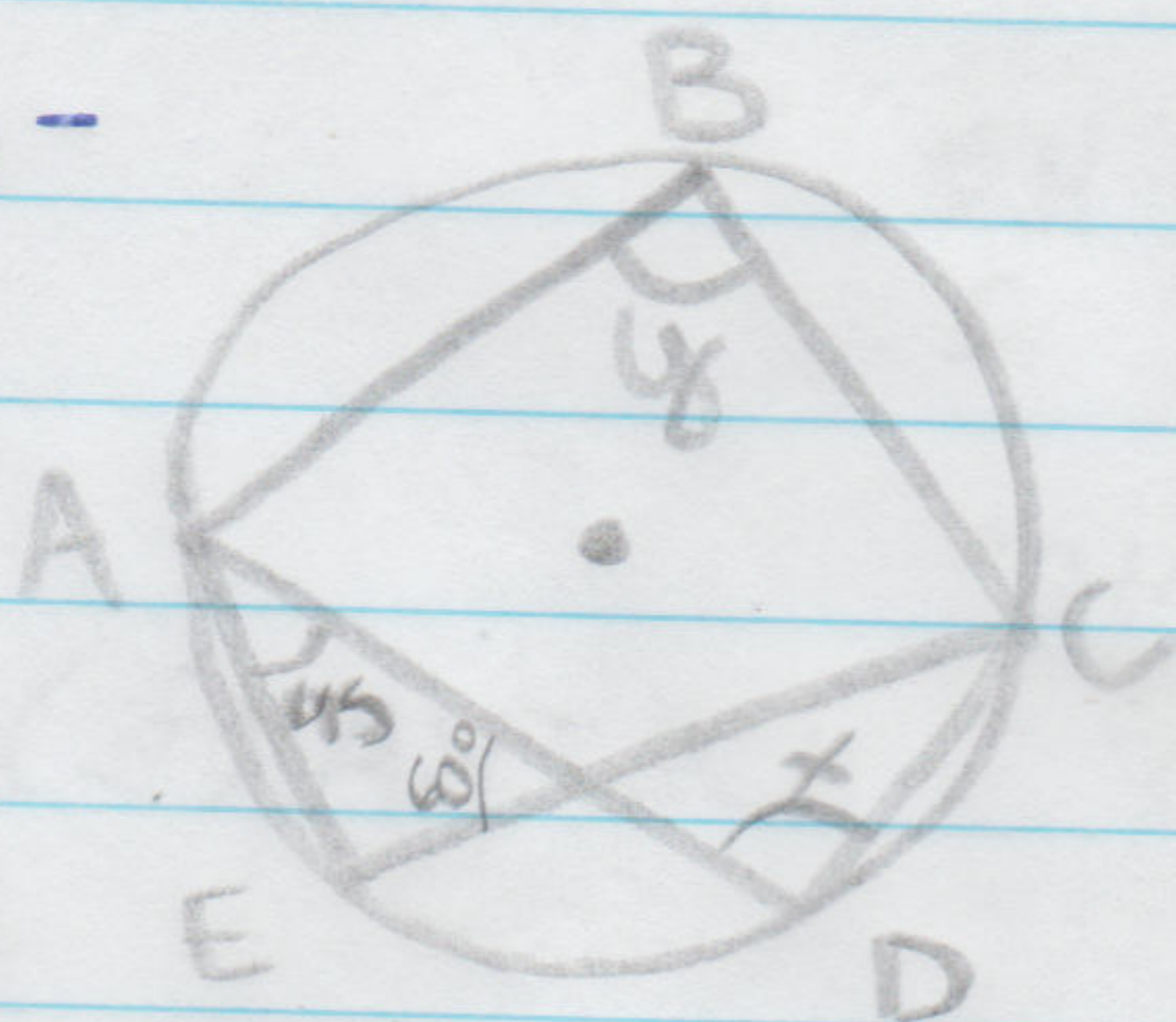
5-



$$x = 4y$$

$$y = \frac{x}{4} //$$

6-



$$x + y = 110^\circ$$

$$75 \cdot 2 = 150 = 2x$$

$$x = \frac{150}{2} \Rightarrow 75^\circ$$

$$x + y = 180$$

$$75 + y = 180$$

$$y = 105^\circ$$

$$60 + 45 = 105$$

$$180 - 105 = 75^\circ //$$

$$y = 105^\circ$$

$$x = 75^\circ //$$