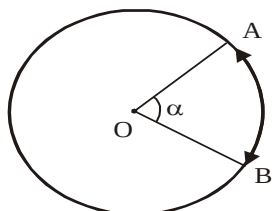




ÁNGULO CENTRAL

Se llama ángulo central porque se origina en el centro de la circunferencia.



$$\alpha = \widehat{AB}$$

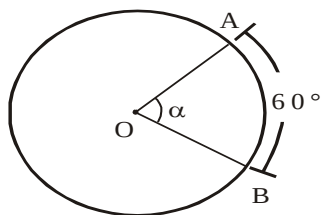


Toda circunferencia
mide 360°

El ángulo central de toda circunferencia es igual a la medida de su arco.

Ejemplos:

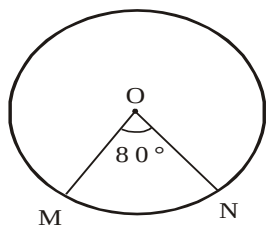
1. Halla el valor de



$$\alpha = \widehat{AB}$$

$$\alpha = 60^\circ$$

2. Halla el valor de .

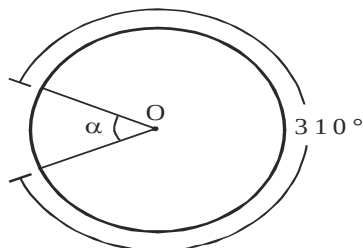


$$\alpha = \widehat{MN}$$

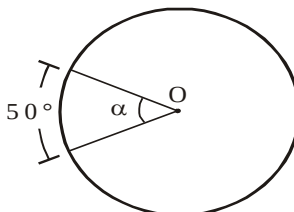
$$80^\circ = \widehat{MN}$$

$$\widehat{MN} = 80^\circ$$

3. Calcular



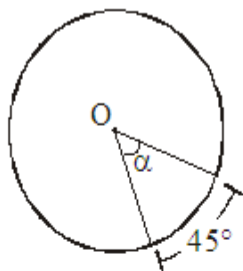
$$\begin{array}{r} 360^\circ - \\ 310^\circ \\ \hline 50^\circ \end{array}$$



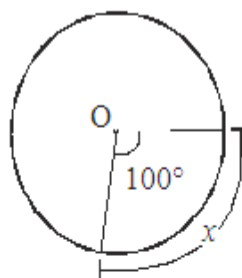
$$\alpha = 50^\circ$$

★ PRACTIQUEMOS

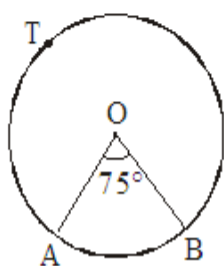
1. Calcular α



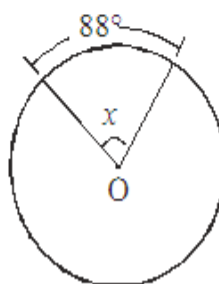
4. Calcular x



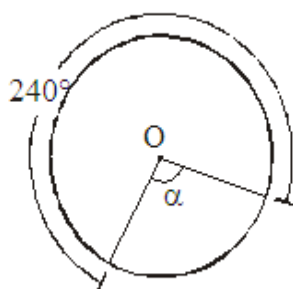
2. Calcular $\widehat{AB}$



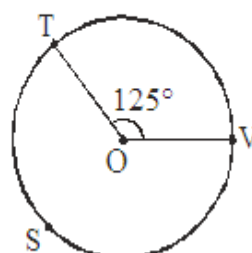
5. Calcular x



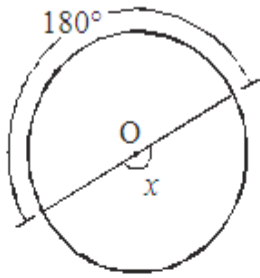
3. Calcular α



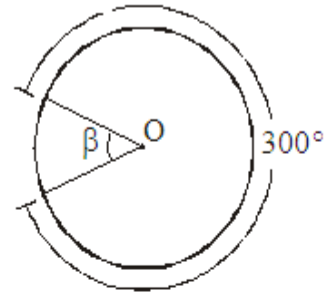
6. Calcular $\widehat{TV}$



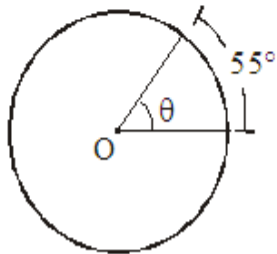
7. Calcular x



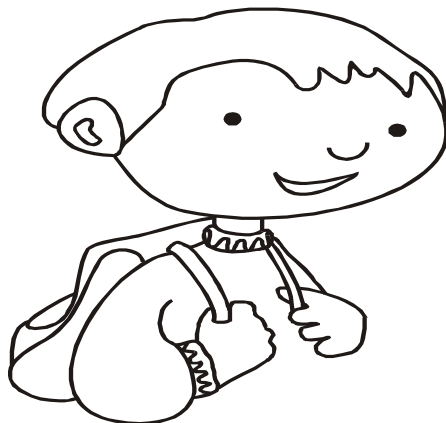
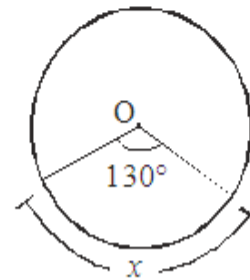
9. Calcular β



8. Calcular θ



10. Calcular x



¡¡ Que fácil !!