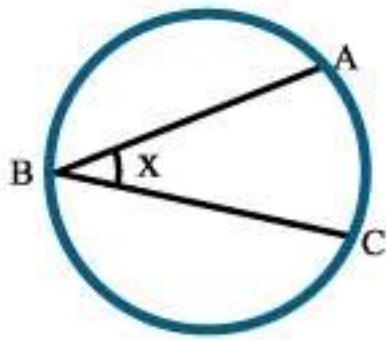


1



$$\text{Si } \widehat{AC} = 36^\circ$$

**Calcular**  $\angle x$

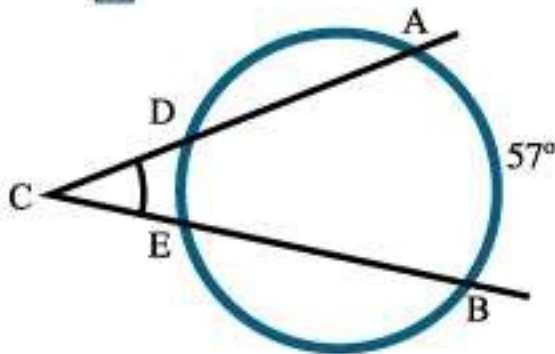
Vemos que  $x$  es un ángulo inscrito, por lo que:

$$\angle x = \frac{\widehat{AC}}{2}$$

$$\angle x = \frac{36}{2}$$

$$\angle x = 18^\circ$$

2



$$\text{Si } \widehat{AB} = 57^\circ \text{ y } \widehat{DE} = 15^\circ$$

**Calcular**  $\angle C$

Vemos que  $C$  es un ángulo externo formado por dos secantes por lo que:

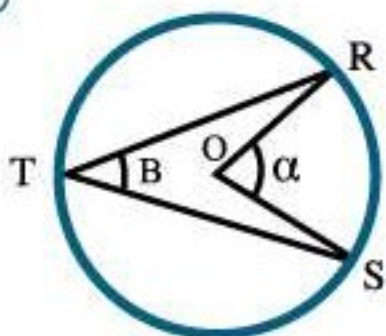
$$\angle C = \frac{\widehat{AB} - \widehat{DE}}{2}$$

$$\angle C = \frac{57^\circ - 15^\circ}{2}$$

$$\angle C = \frac{42^\circ}{2}$$

$$\angle C = 21^\circ$$

3



Si  $\angle\alpha = 80^\circ$

Calcular  $\angle B$

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

$$\angle B = \frac{\widehat{SR}}{2}$$

$$\angle B = \frac{80}{2}$$

$$\angle B = 40^\circ$$