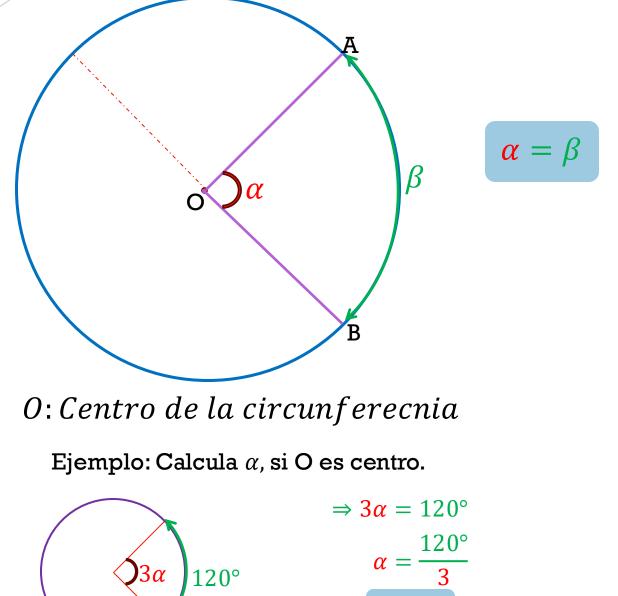
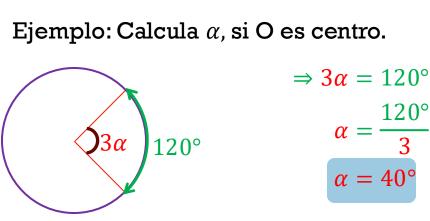


# ÁNGULOS EN UNA CIRCUNFERENCIA

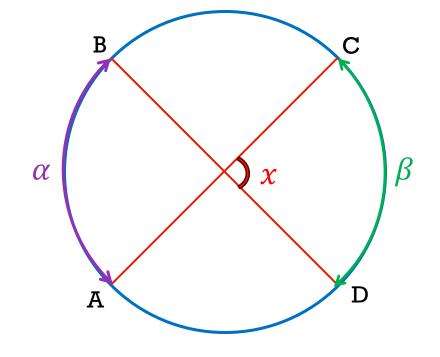
GEOMETRÍA BÁSICA





ÁNGULO

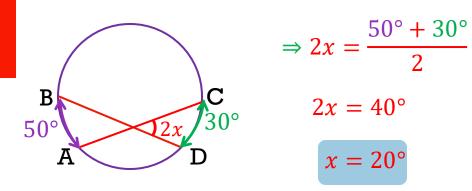
CENTRAL

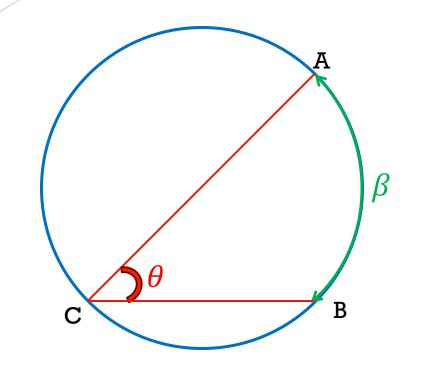


$$x = \frac{\alpha + \beta}{2}$$

#### ÁNGULO INTERIOR

Ejemplo: Calcula el valor de x.

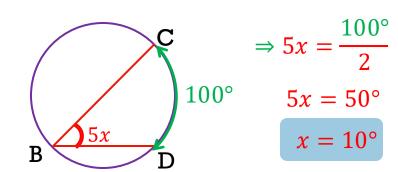




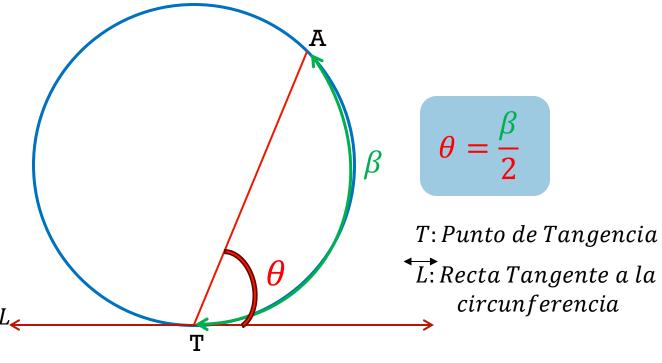
 $\theta = \frac{\beta}{2}$ 

## ÁNGULO INSCRITO

Ejemplo: Calcula el valor de x.

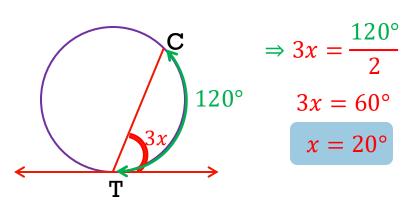


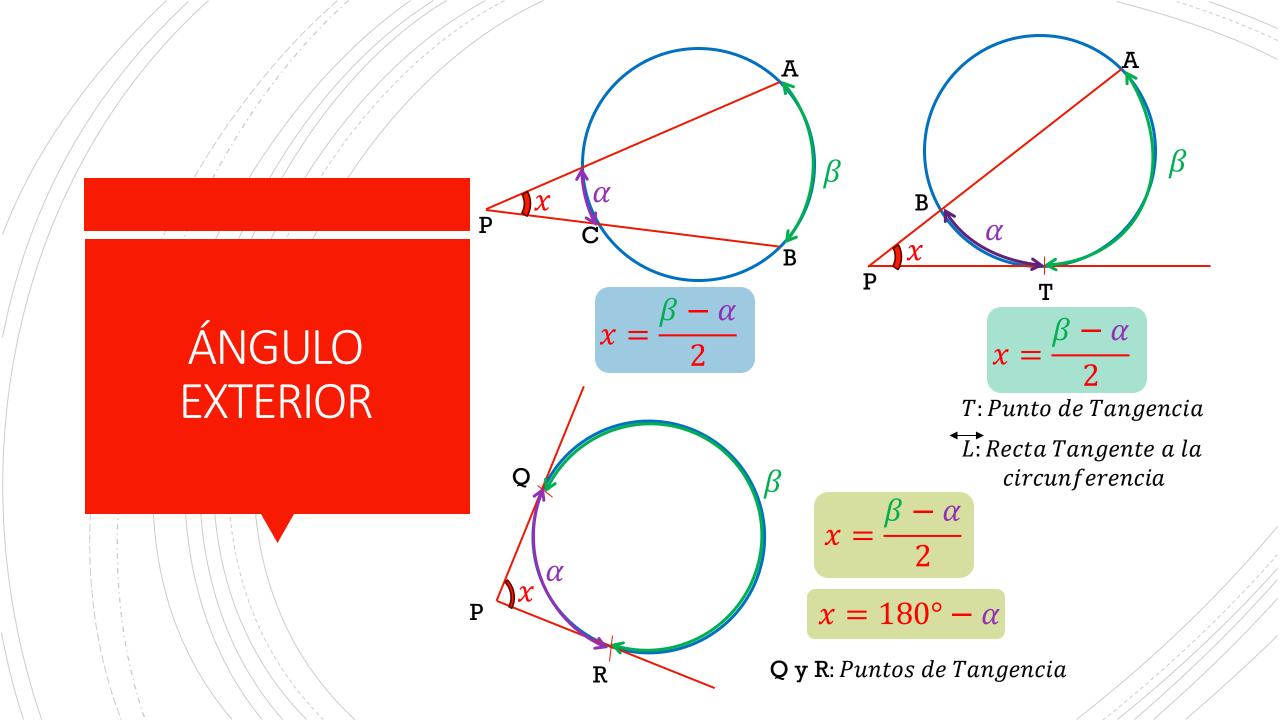
## ÁNGULO SEMI-**INSCRITO**



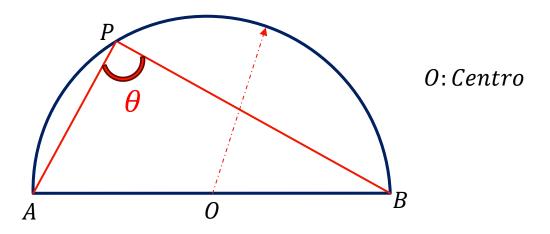
circunferencia

Ejemplo: Calcula el valor de x.









#### En la semicircunferencia AB

Si P es punto de la semicircunferencia y AB es diámetro, se cumple que:  $\theta = 90^{\circ}$