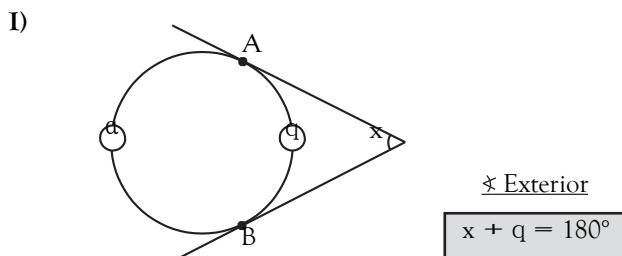
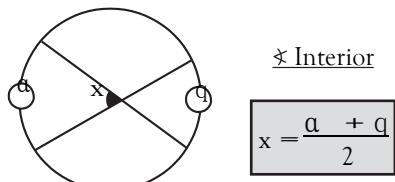
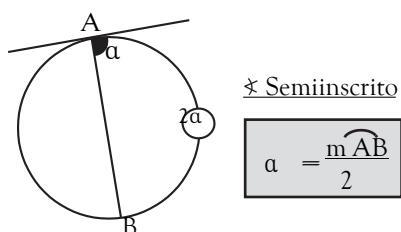
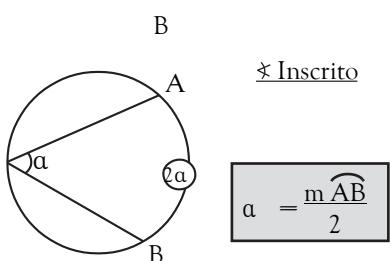
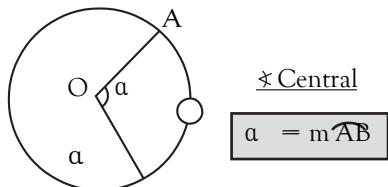


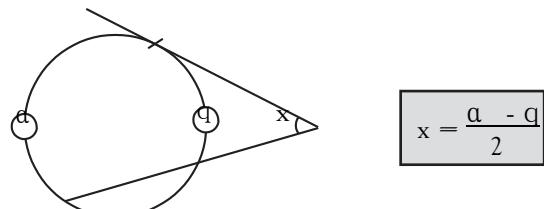
Geometría

ANGULOS EN LA CIRCUNFERENCIA

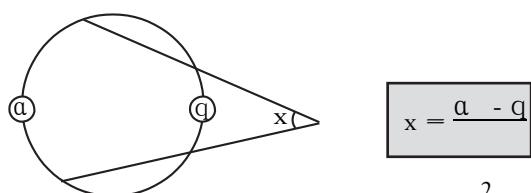
ÁNGULOS EN LA CIRCUNFERENCIA



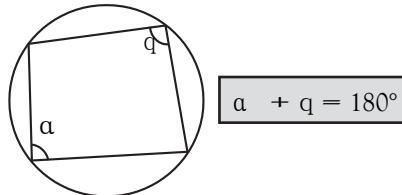
II)



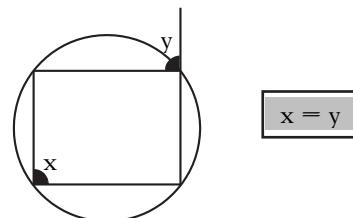
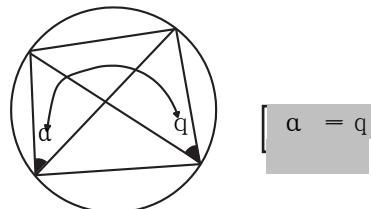
III)



CUADRILÁTERO INSCRIPTIBLE

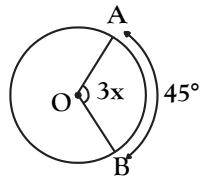


MÉTODO DEL REBOTE



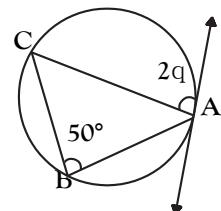
Resolviendo en clase

1 Calcula “x” si “O” es centro.



Resolución:

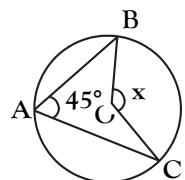
3 Calcula “q” si “A” es punto de tangencia.



Resolución:

Rpta:

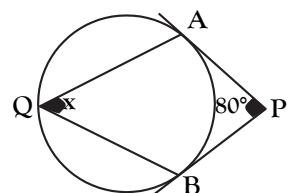
2 Calcula “x” si “O” es centro.



Resolución:

Rpta:

4 Halla “x”.

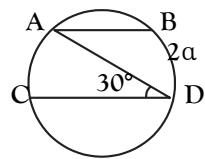


Resolución:

Rpta:

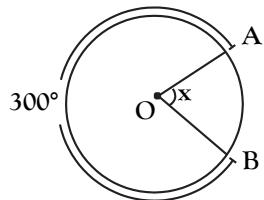
Rpta:

5 Halla “ α ” si $\overline{AB} \parallel \overline{CD}$.



Resolución:

6 Halla “x”.



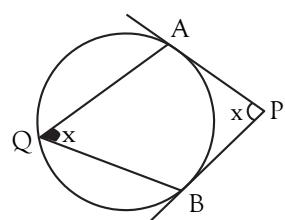
Resolución:

Rpta:

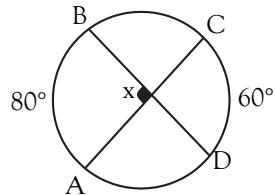
Rpta:

Ahora en tu cuaderno

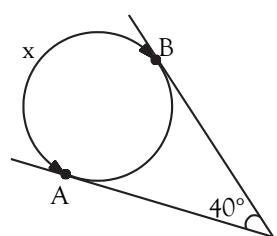
7. Halla “x”.



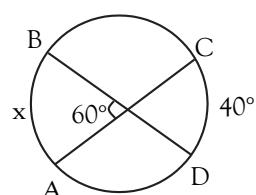
9. Halla “x”.



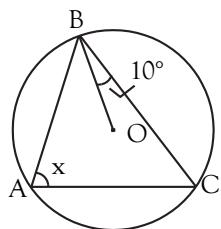
8. Calcula “x” si A y B son puntos de tangencia.



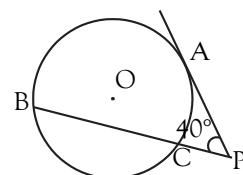
10. Halla “x”.



11. Calcula "x" si "O" es centro.

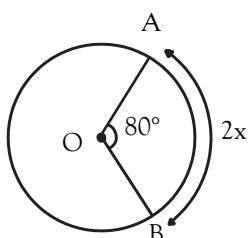


12. Calcula "x" si $m\widehat{AB} = 3x$ y $m\widehat{AC} = x$.



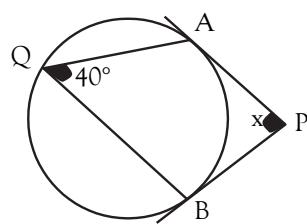
Para reforzar

1. Calcula "x" si "O" es centro.



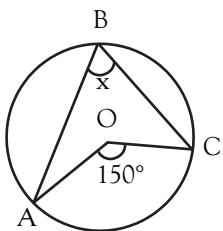
- a) 80°
- b) 60°
- c) 50°
- d) 40°
- e) 30°

3. Halla "x".



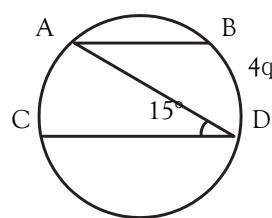
- a) 80°
- b) 90°
- c) 100°
- d) 110°
- e) 120°

2. Calcula "x" si "O" es centro.



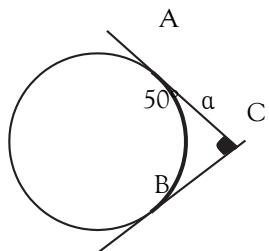
- a) 75°
- b) 60°
- c) 65°
- d) 90°
- e) 80°

4. Halla "2q" si $\overline{AB} \parallel \overline{CD}$.



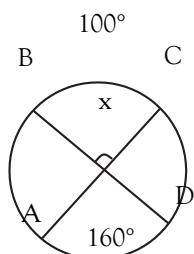
- a) 8°
- b) 10°
- c) 15°
- d) 30°
- e) 45°

5. Halla "a".



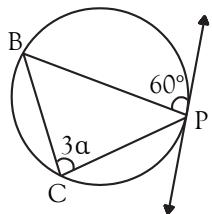
- a) 100°
b) 120°
c) 130°
d) 140°
e) 150°

9. Halla "x".



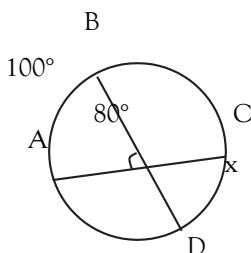
- a) 100°
b) 110°
c) 120°
d) 130°
e) 140°

6. Calcula "a" si P es punto de tangencia.



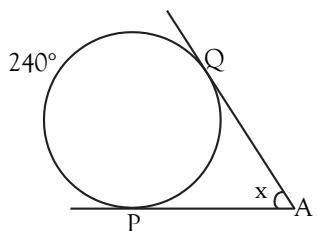
- a) 10°
b) 15°
c) 20°
d) 25°
e) 28°

10. Halla "x".



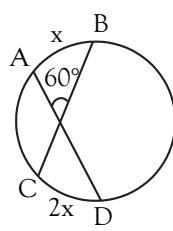
- a) 40°
b) 60°
c) 50°
d) 70°
e) 80°

7. Calcula "x" si P y Q son puntos de tangencia.



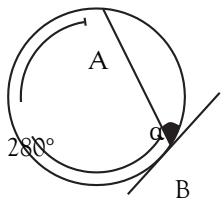
- a) 30°
b) 40°
c) 50°
d) 60°
e) 70°

11. Calcula "x".



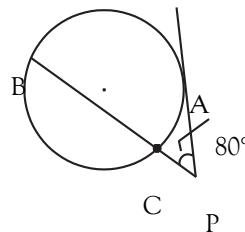
- a) 10°
b) 20°
c) 30°
d) 40°
e) 50°

8. Halla "a + 8".



- a) 30°
b) 48°
c) 50°
d) 60°
e) 80°

12. Si $m\angle \widehat{AB} = 5x$ y $m\angle \widehat{AC} = x$, calcula "x".



- a) 10°
b) 20°
c) 30°
d) 40°
e) 50°