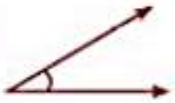
Ángulos

1. Relaciona.

a  ( ) Ángulo obtuso

b  ( ) Ángulo recto

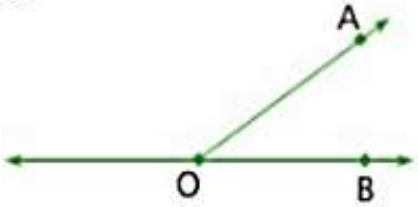
c  ( ) Ángulo agudo

d  ( ) Ángulo llano

2. Dadas las medidas, **identifica** el tipo de ángulo correspondiente.

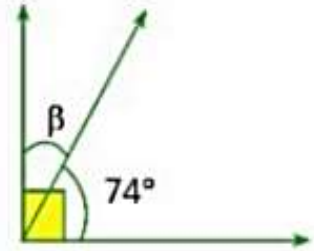
- $m\hat{\alpha} = 48°$ → _____
- $m\hat{\beta} = 90°$ → _____
- $m\hat{A} = 101°$ → _____
- $m\hat{C} = 27°$ → _____
- $m\hat{x} = 135°$ → _____
- $m\hat{y} = 92°$ → _____
- $m\hat{z} = 73°$ → _____

3. Traza con rojo el ángulo suplementario a $A\hat{O}B$.



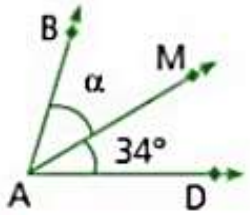
_____

4. En el siguiente gráfico. **Halla** "β".



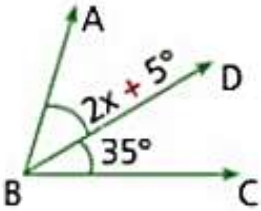
$m\hat{\beta}$ = ____

5. Si: $mB\hat{A}D = 80°$, **halla** "α".



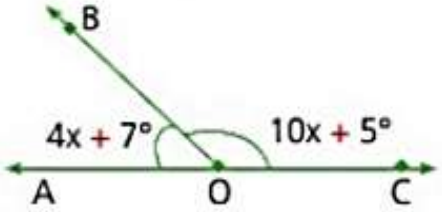
$m\hat{\alpha}$ = ____

6. Si: $\overrightarrow{BD}$ es bisectriz, **halla** "x".



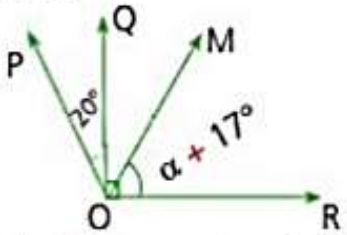
x = ____

7. Halla el valor de "x", si $A\hat{O}B$ y $B\hat{O}C$ son suplementarios.



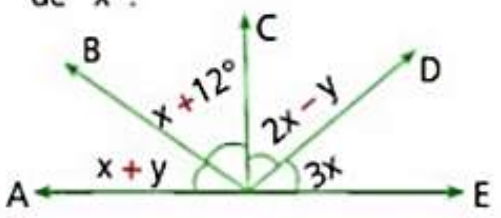
x = ____

8. Calcula el valor de "α", si $\overrightarrow{OM}$ es bisectriz de $P\hat{O}R$.



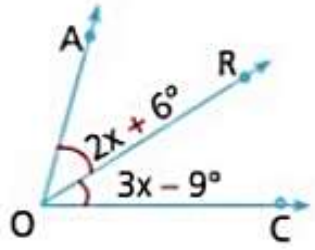
α = ____

9. Si $A\hat{O}E$ es un ángulo llano, **calcula** el valor de "x".



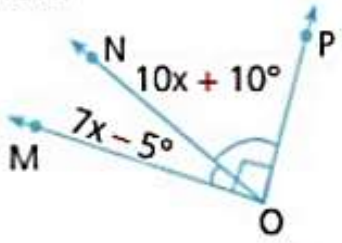
x = ____

10. En la figura, $\overrightarrow{OR}$ es bisectriz. **Halla** la m $\widehat{ROC}$.



$\therefore m\widehat{ROC} =$ ____

12. **Observa** la figura y **halla** el suplemento del $\widehat{MON}$.

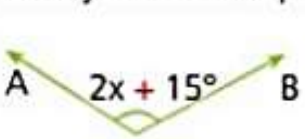


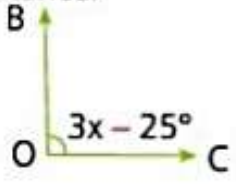
$\therefore S_{\widehat{MON}} =$ ____

13. **Calcula.**

- $C_{49°}$ = _____ = _____
- $S_{102°}$ = _____ = _____
- $C_{15°}$ = _____ = _____
- $SC_{54°}$ = _____ = _____
- $CS_{98°}$ = _____ = _____
- $CS_{92°}$ = _____ = _____
- $CS_{120°}$ = _____ = _____
- $SC_{45°}$ = _____ = _____

14. En el gráfico:
$\widehat{AOB}$ y $\widehat{BOC}$ son suplementarios.

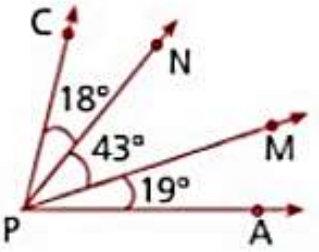




Halla $C_x + SC_x$

Respuesta: _____

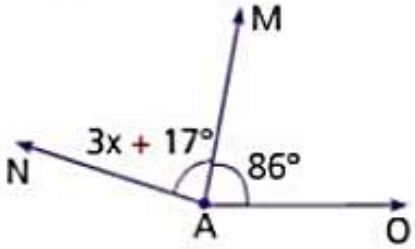
15. Del gráfico:



Calcula.

- $m\widehat{CPM}$ = _____
- $m\widehat{APN}$ = _____
- $m\widehat{APC}$ = _____

16. Del gráfico:

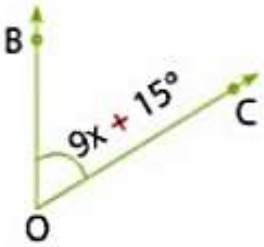


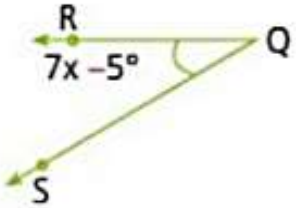
$\overrightarrow{AM}$ es bisectriz de $O\widehat{AN}$

Calcula.

- x = ____
- $m\widehat{NAO}$ = ____

17. $\widehat{BOC}$ y $\widehat{RQS}$ son complementarios.





Halla.

- $C_{(4x + 10)°}$ = ____
- $C_{(9x + 15)°}$ = ____
- $C_{(7x - 5)°}$ = ____