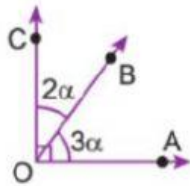


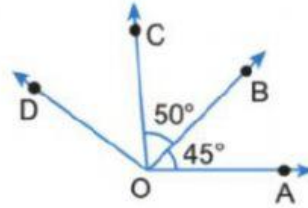
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5. Determina el valor de  $\alpha$ .



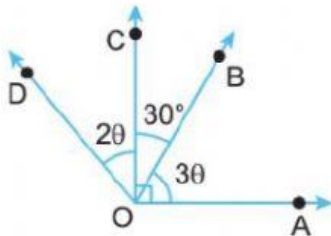
- A)  $12^\circ$     B)  $15^\circ$     C)  $18^\circ$     D)  $21^\circ$

6. Calcula  $m\angle COD$  si  $m\angle AOD = 144^\circ$ .



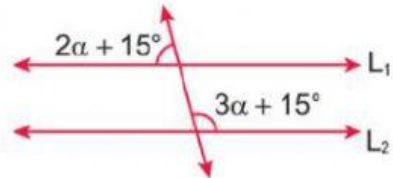
- A)  $47^\circ$     B)  $48^\circ$     C)  $46^\circ$     D)  $49^\circ$

7. Del gráfico, calcula  $m\angle AOD$ .



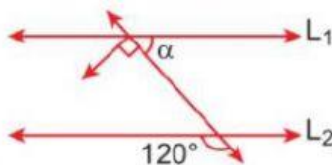
- A)  $130^\circ$     B)  $120^\circ$     C)  $144^\circ$     D)  $132^\circ$

8. En la figura, determina el valor  $\alpha$  si  $\vec{L_1} \parallel \vec{L_2}$ .



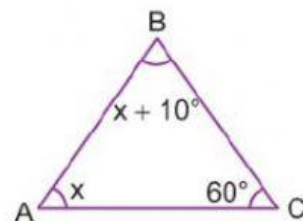
- A)  $24^\circ$     B)  $27^\circ$     C)  $30^\circ$     D)  $43^\circ$

9. Si  $\vec{L_1} \parallel \vec{L_2}$ , calcula  $\alpha$ .



- A)  $60^\circ$     B)  $40^\circ$     C)  $30^\circ$     D)  $75^\circ$

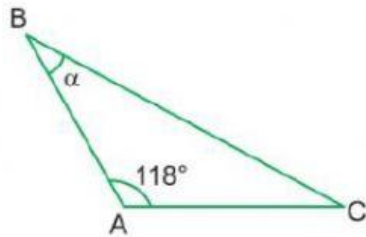
10. Calcula el valor de  $x$ .



- A)  $50^\circ$     B)  $55^\circ$     C)  $45^\circ$     D)  $40^\circ$

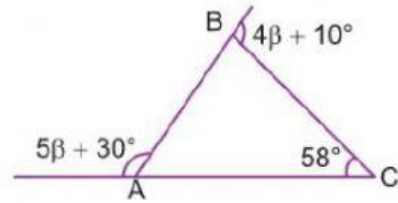
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11. Determina el valor de  $\alpha$  si el triángulo ABC es isósceles.



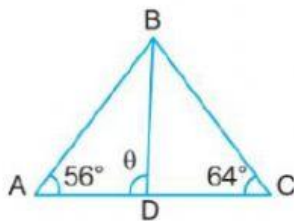
- A)  $118^\circ$     B)  $59^\circ$     C)  $47^\circ$     D)  $31^\circ$

12. Determina el valor de  $\beta$ .



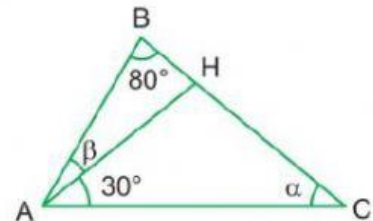
- A)  $21^\circ$     B)  $22^\circ$     C)  $23^\circ$     D)  $24^\circ$

13. Calcula el valor de  $\theta$  si  $\overline{BD}$  es bisectriz.



- A)  $90^\circ$     B)  $92^\circ$     C)  $94^\circ$     D)  $96^\circ$

14. Halla  $\beta + \alpha$  si  $\overline{AH}$  es altura.



- A)  $64^\circ$     B)  $70^\circ$     C)  $72^\circ$     D)  $78^\circ$