GEOMETRÍA TOMO 3

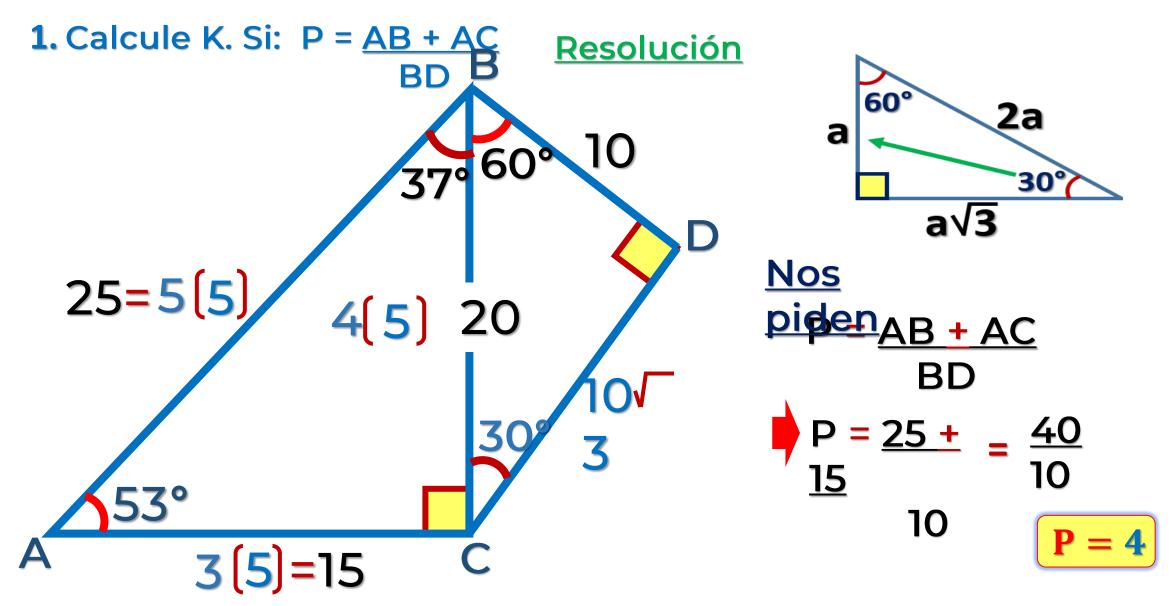


HELICOASESORIA SESION II



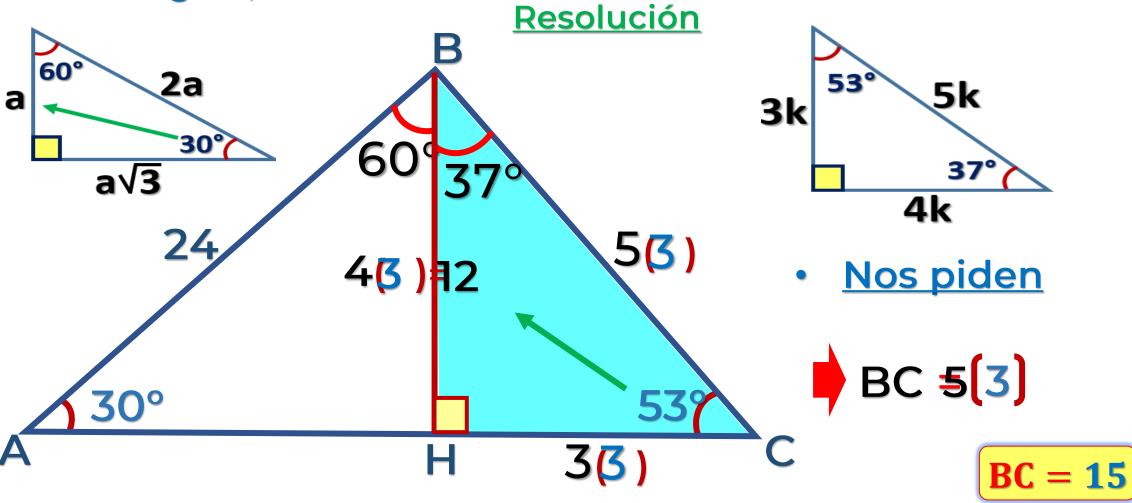






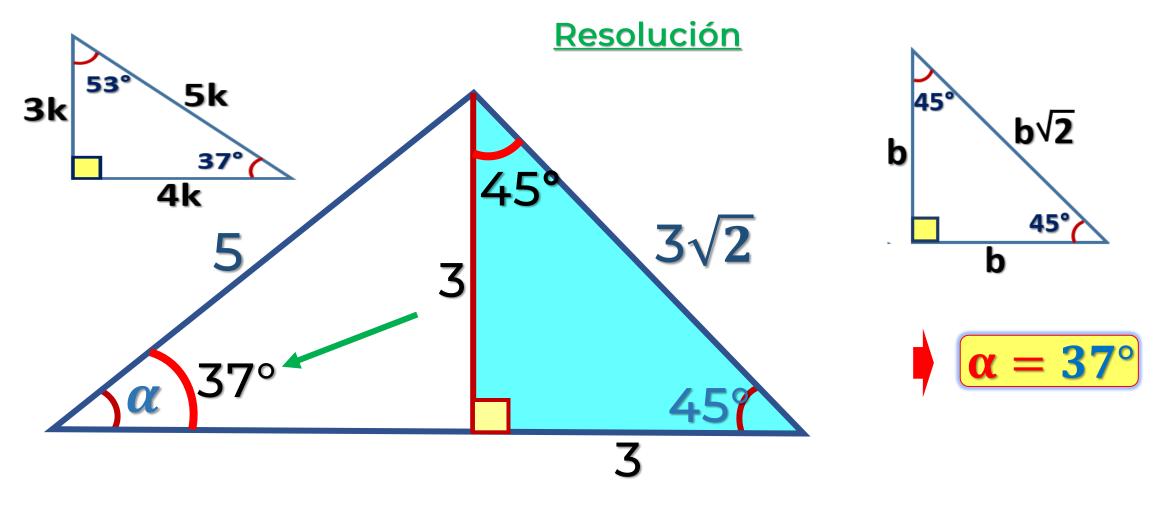


2. En la figura, calcule BC.





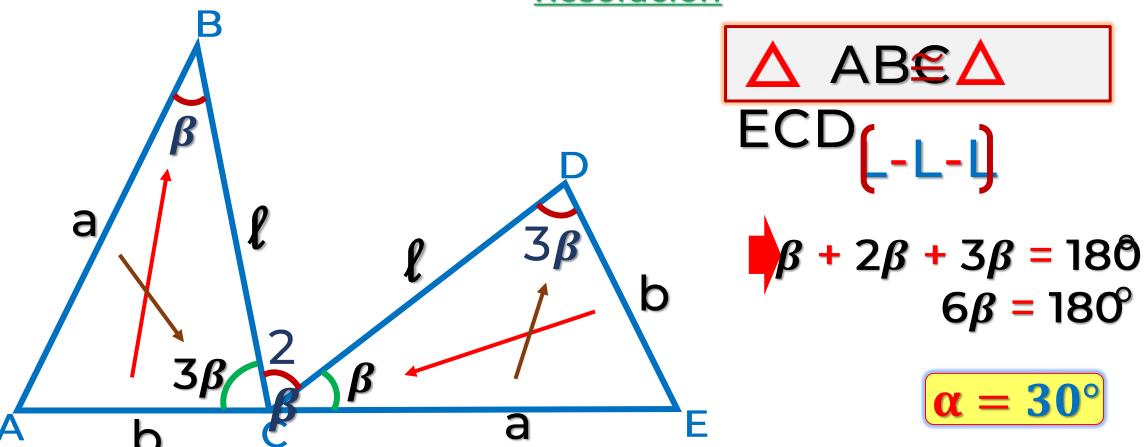
3. En la figura, calcule α .





4. En la figura, AB = CE, AC = DE y BC = CD. Calcule β .

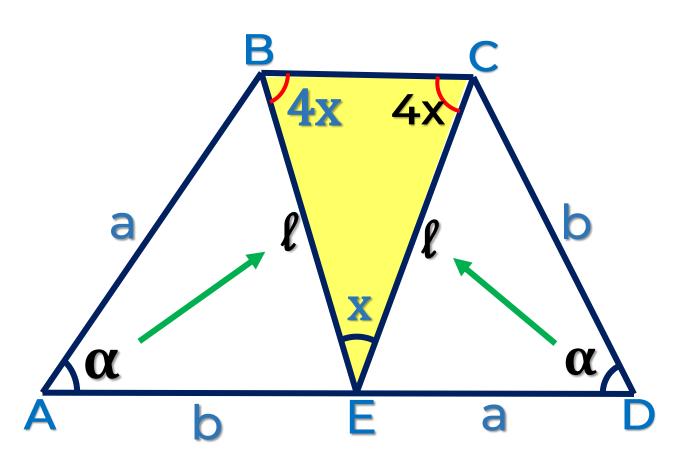






5. En la figura, calcule x.

Resolución



DEC

BCE: isósceles

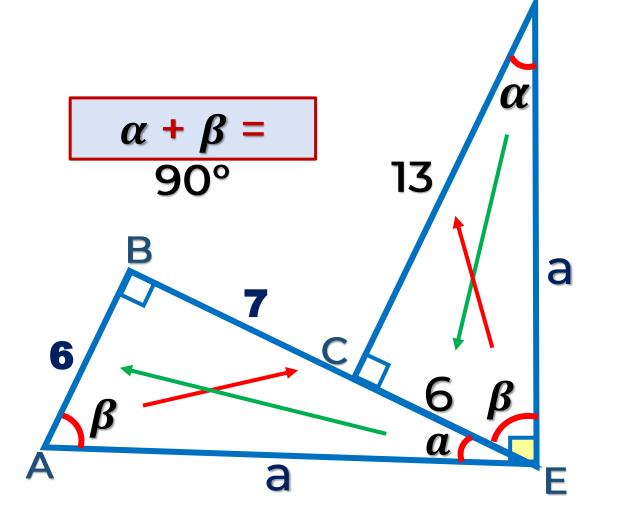
$$4x + 4x + x = 180^{\circ}$$

 $9x = 180^{\circ}$

$$x = 20^{\circ}$$



6. En la figura, AE = DE. Calcule CD. Résolución



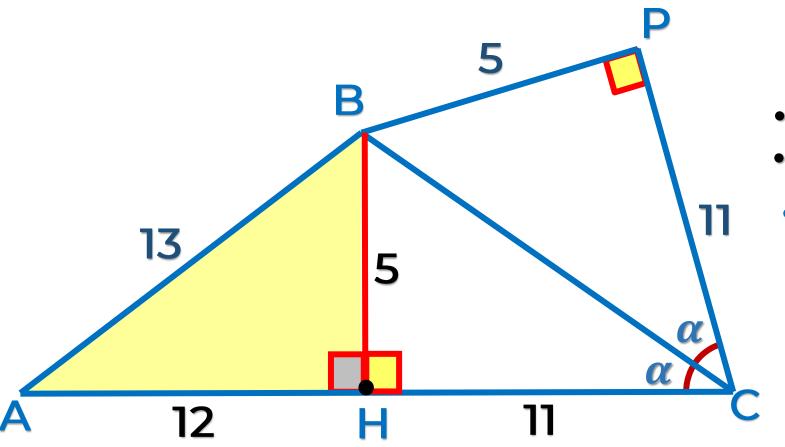


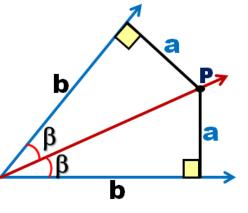
$$CD = 6 + 7$$

CD = 13









$$BP = BH = 5$$

Resolución

• **ABH**. Pitágoras

$$13^2 = (AH)^2 + 5^2$$

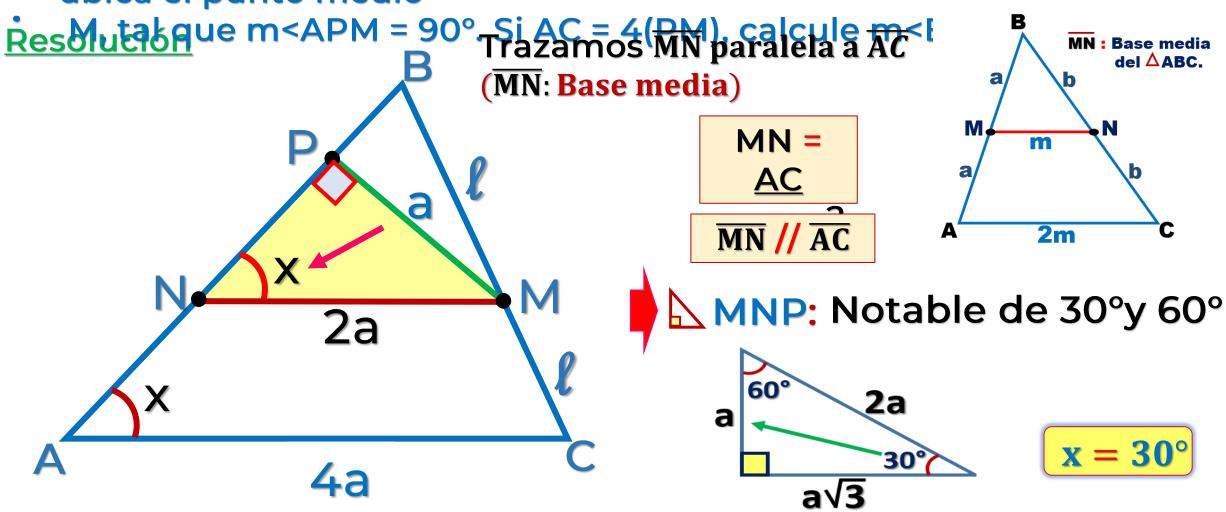
$$12 = AH$$

Del gráfico :

AC = 23



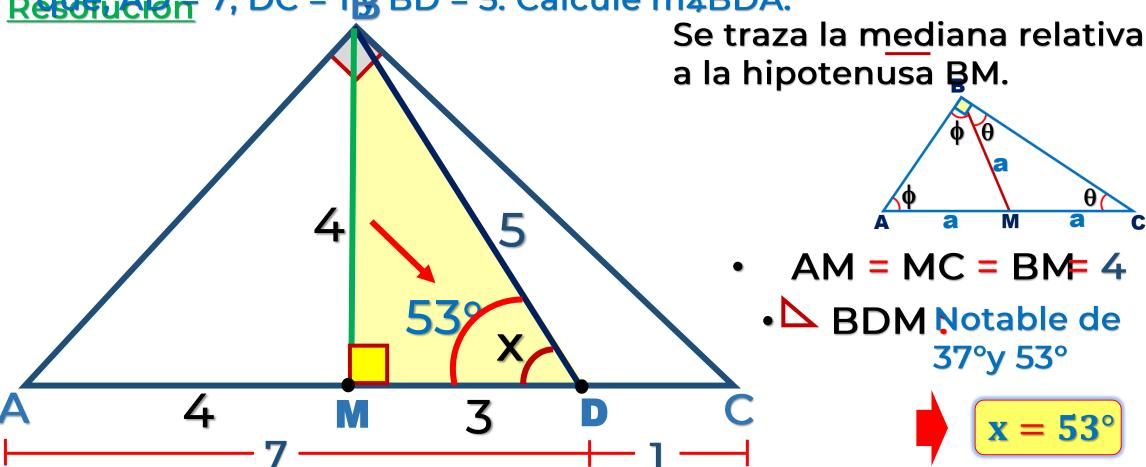
8 En un triángulo ABC, en \overline{AB} se ubica en el punto P y en \overline{BC} se ubica el punto medio





9. En un triángulo rectángulo ABC recto en B, en \overline{AC} se ubican el punto D, de modo

Reมีเป็นคิด 7, DC = 15 BD = 5. Calcule m 4BDA.





10. En la figura, calcule la altura del edificio.

