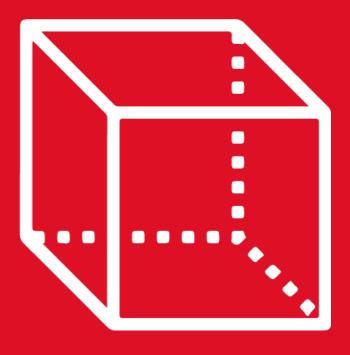


GEOMETRÍA

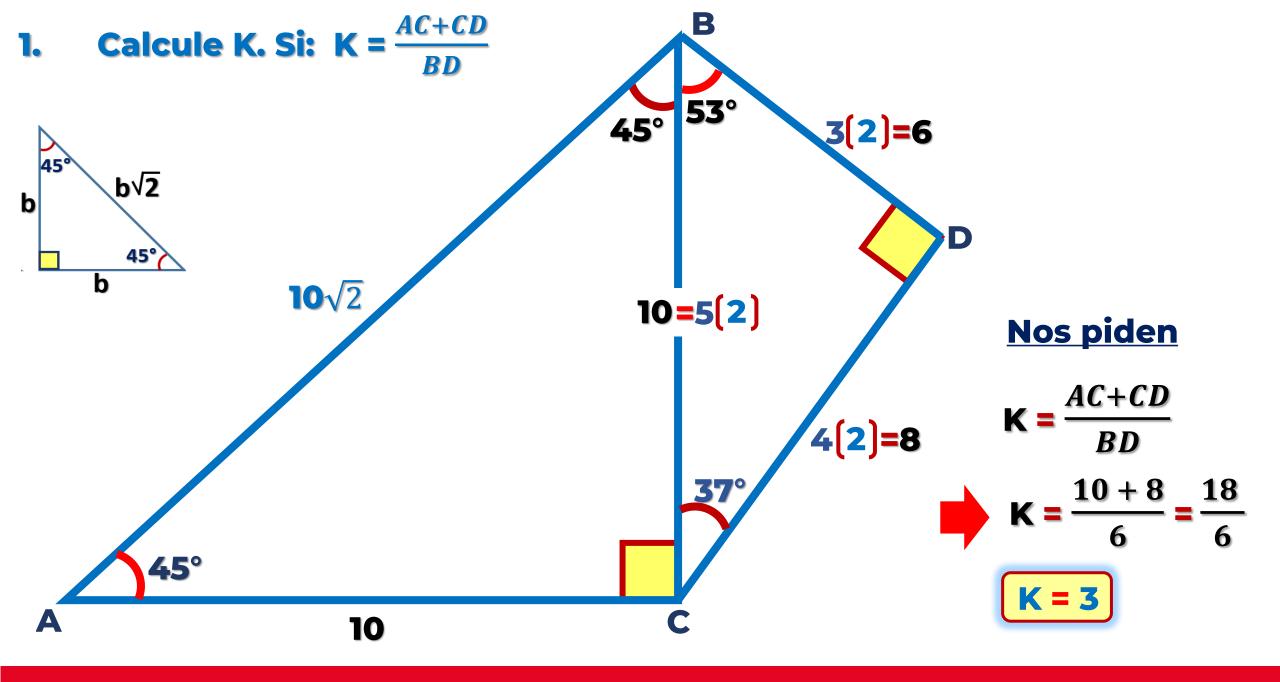
Tomo 3



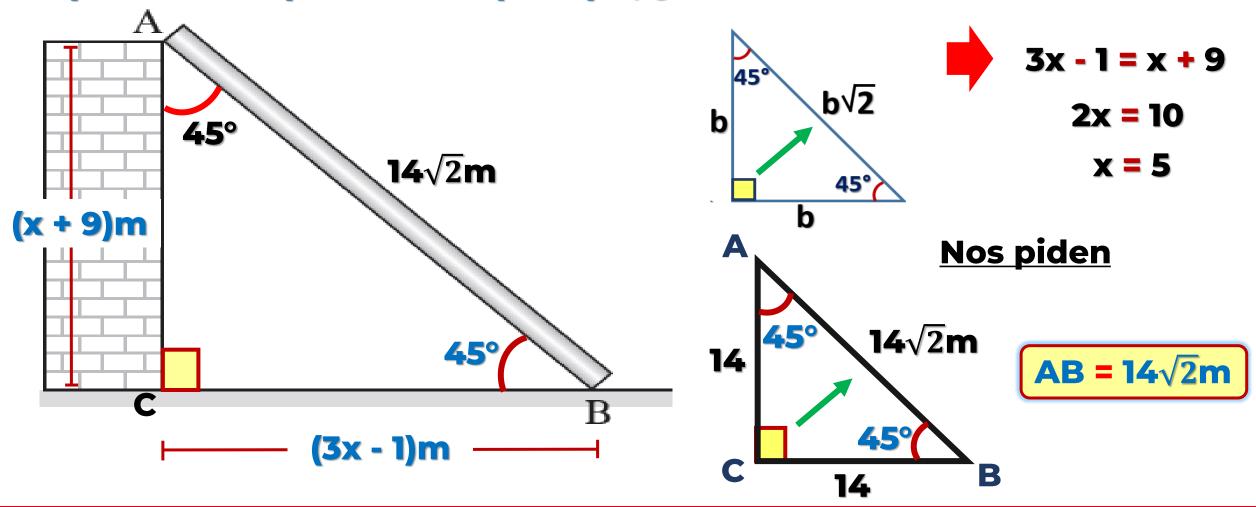




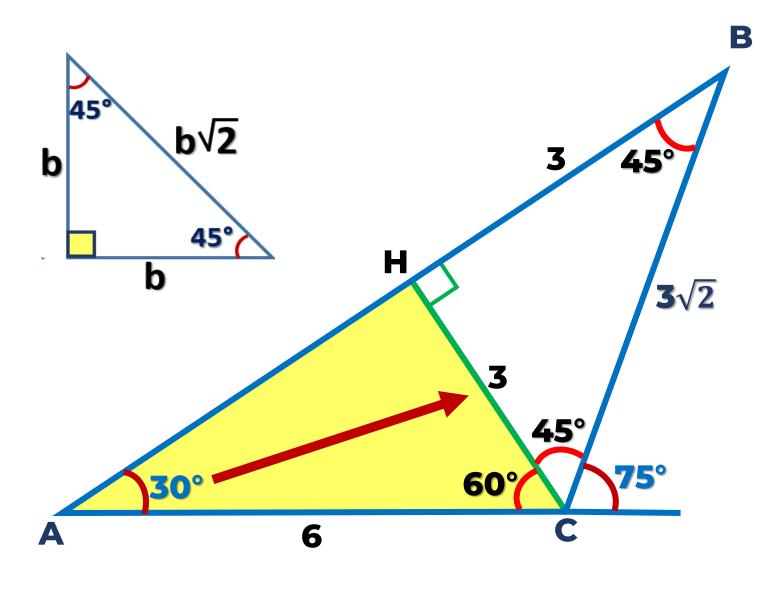




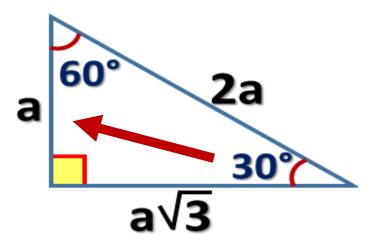
2. Se observa una madera en cuyos extremos están situados los puntos A y B. Si dicha madera forma con el piso un ángulo de 45°, la altura de la pared tiene una medida de (x + 9)m y la distancia del punto B a la pared es de (3x - 1)m, ¿cuánto mide la madera?



3. En la figura, calcule AC.

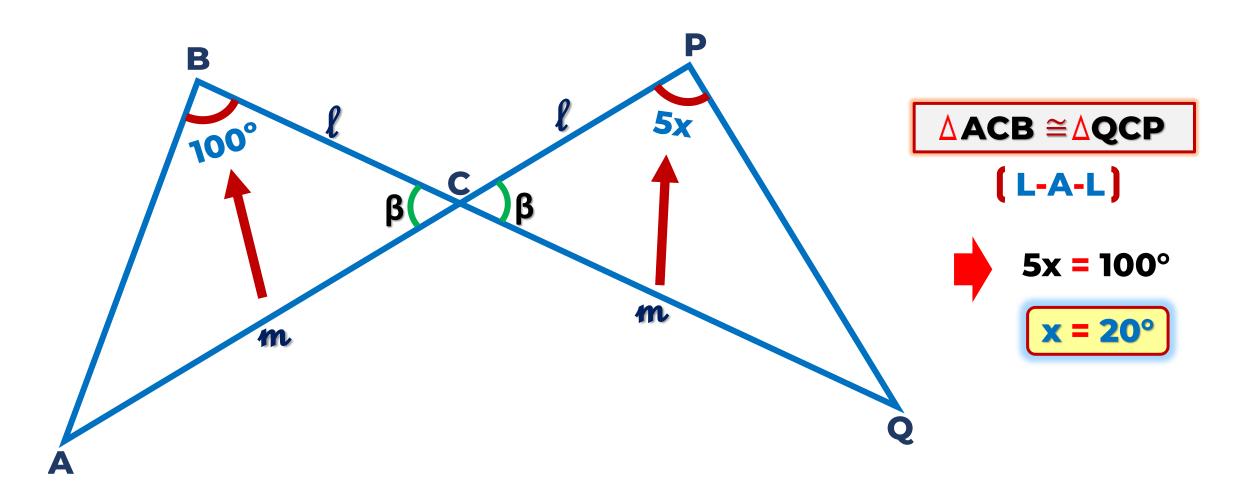


Trazamos la altura CH.

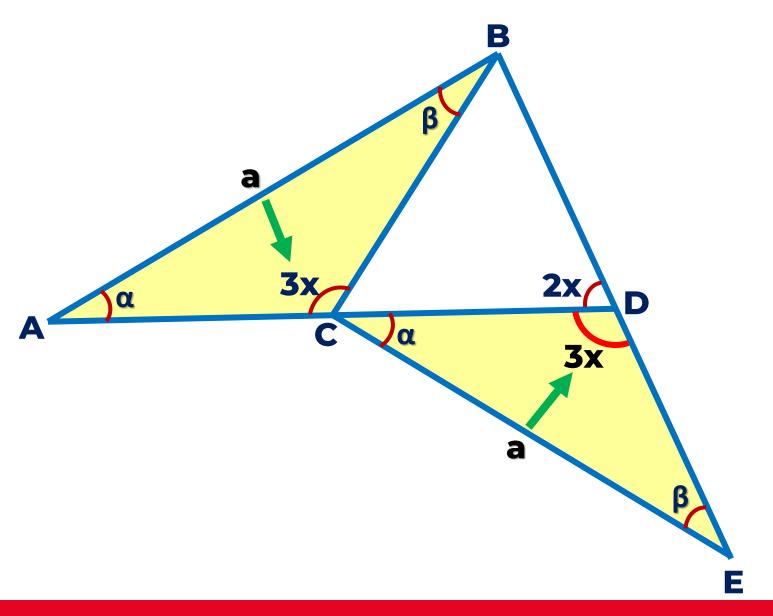


Nos piden

4. En la figura, BC = CP y AC = CQ. Calcule x.



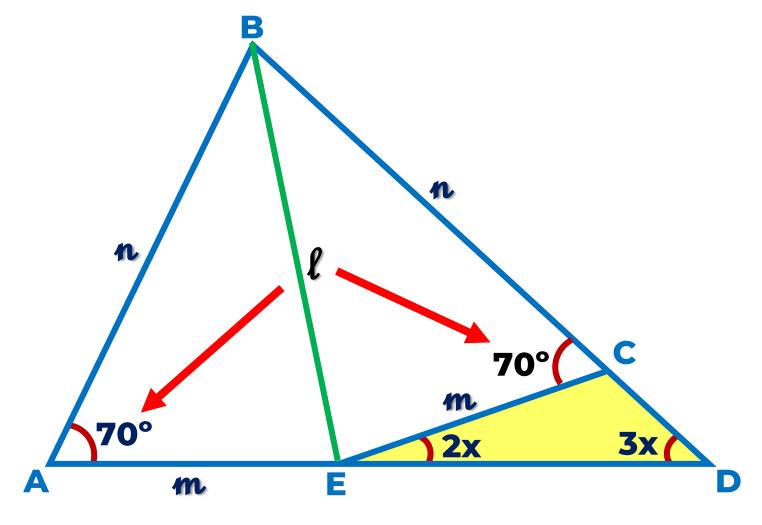
5. En la figura AB = CE, calcule x.



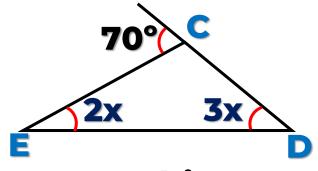
Del gráfico

$$2x + 3x = 180^{\circ}$$
 $5x = 180^{\circ}$
 $x = 36^{\circ}$

6. En la figura AB = BC y AE = CE, calcule x.



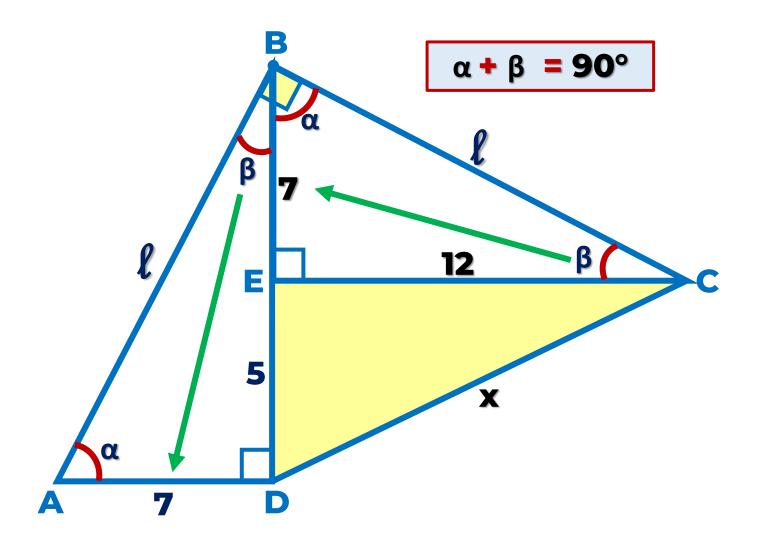
• Trazamos \overline{BE} .



Del gráfico :

$$2x + 3x = 70^{\circ}$$
 $5x = 70^{\circ}$

7. En la figura, AB = BC, calcule CD.



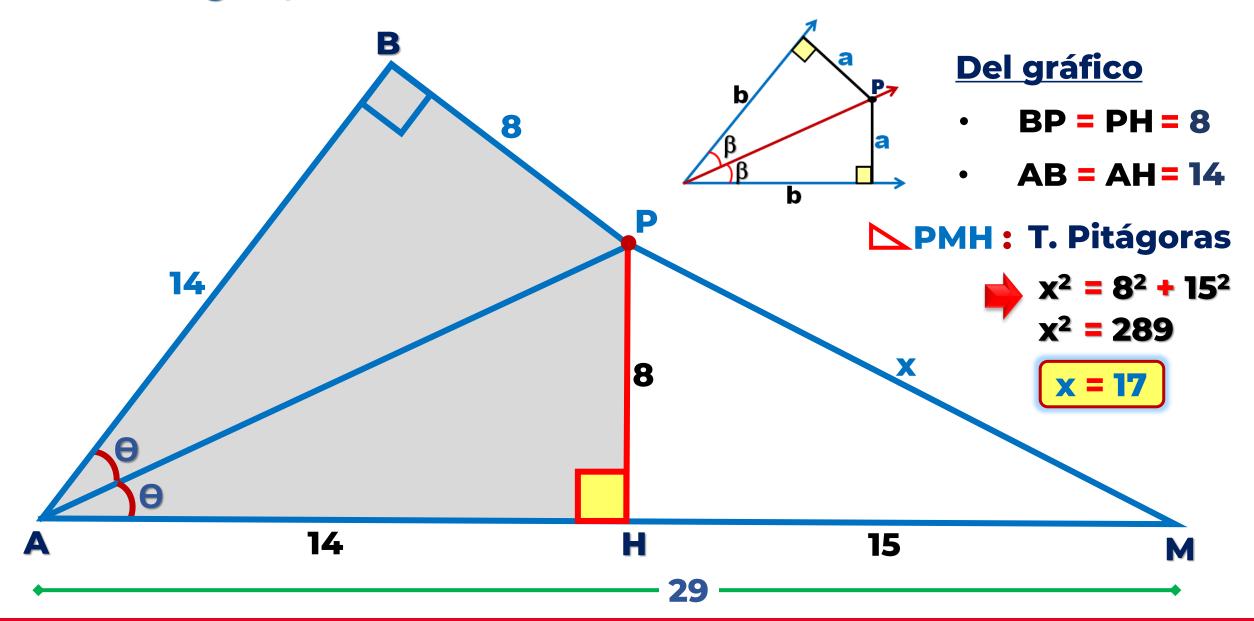
$$EC = 7 + 5$$

CED T. Pitágoras

$$x^2 = 5^2 + 12^2$$

 $x^2 = 169$

8. En la figura, calcule x.



9. En la figura, calcule x.

