

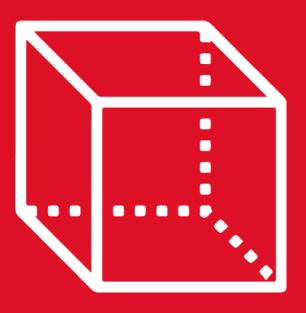
GEOMETRÍA

Capítulo 7

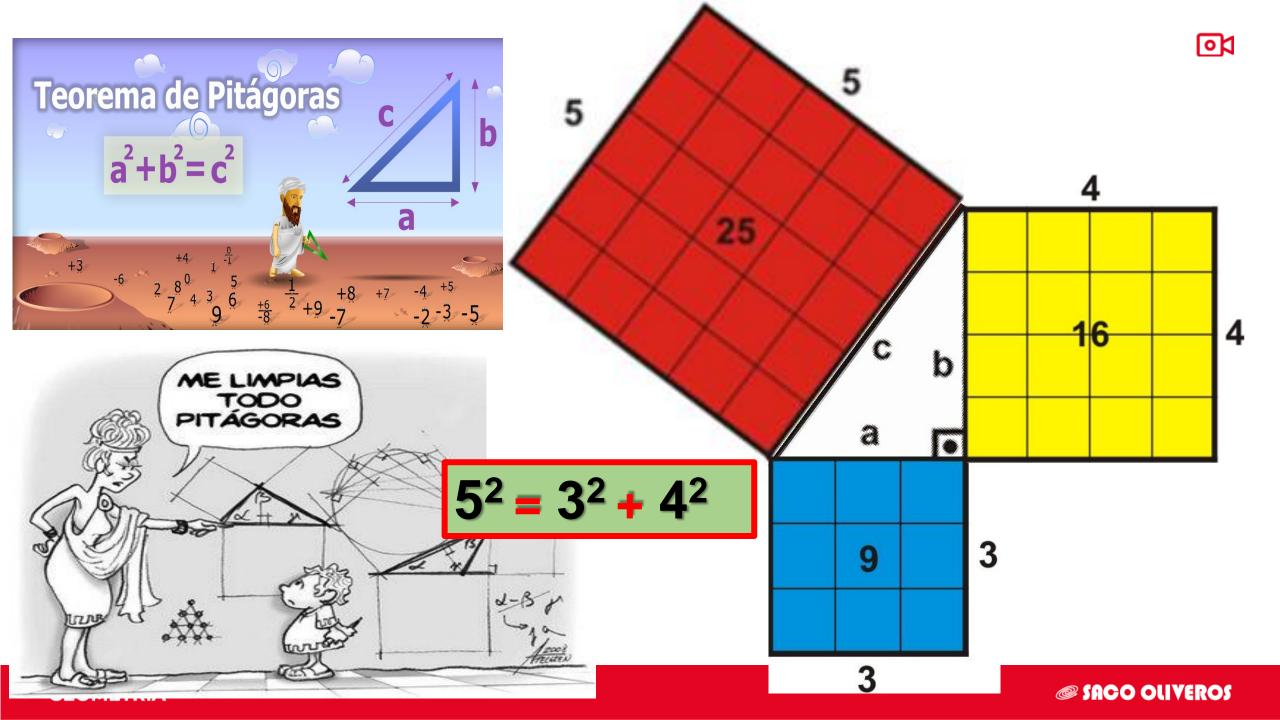
3th

SECONDARY

TRIÁNGULOS RECTÁNGULOS NOTABLES



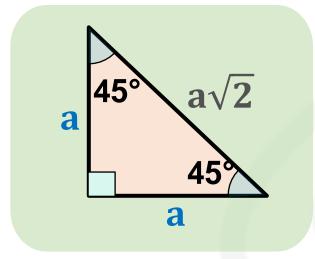




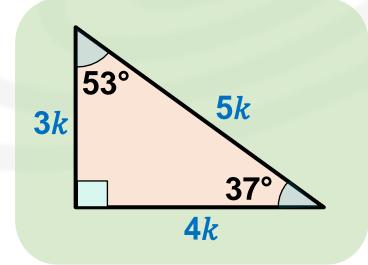


TRIÁNGULOS RECTÁNGULOS NOTABLES

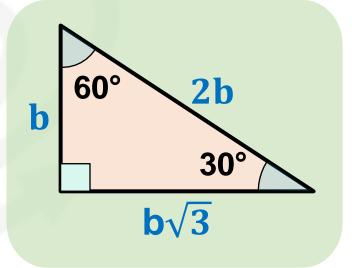
Notable de 45° y 45°



Notable de 37° y 53°



Notable de 30° y 60°

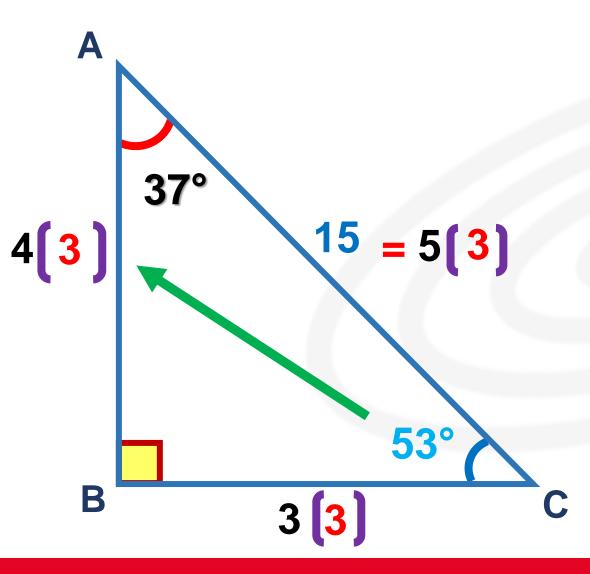


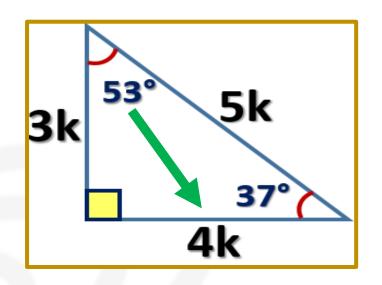
HELICO | PRACTICE



1. Halle AB + BC.

Resolución:





$$AB = 4(3) = 12$$

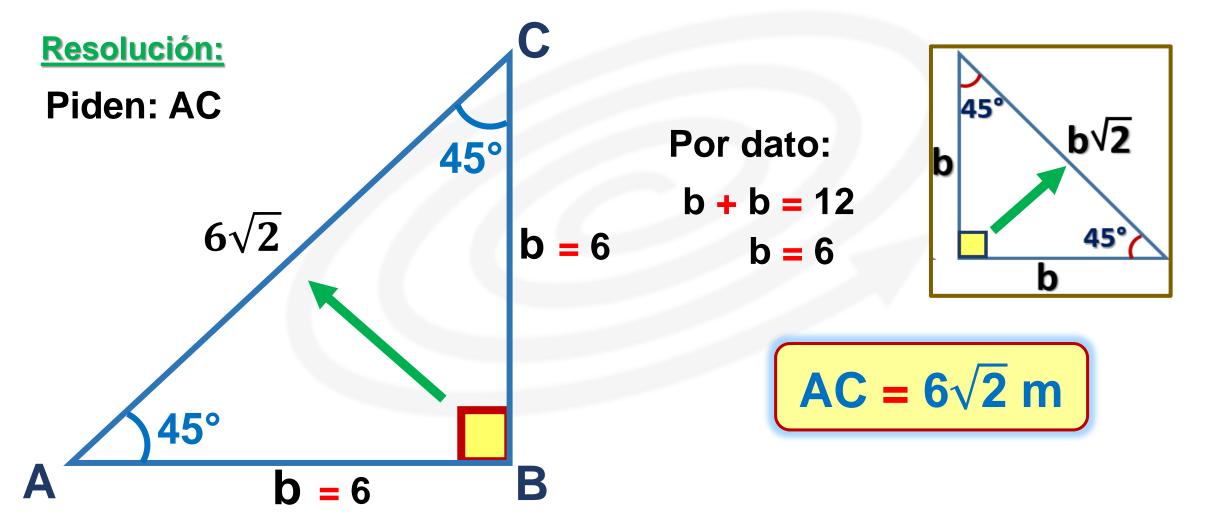
$$BC = 3[3] = 9$$

$$AB + BC = 12 + 9$$

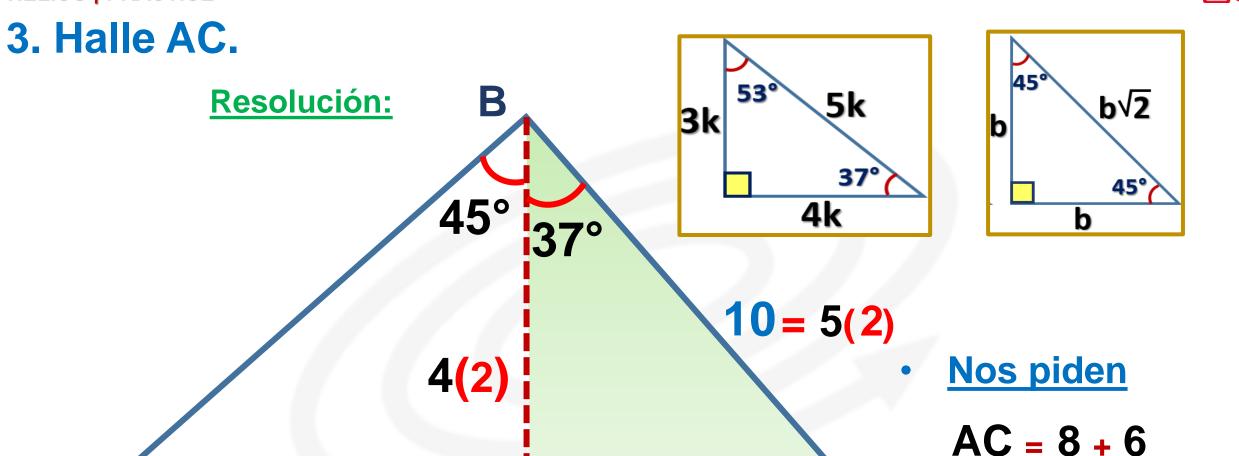
$$AB + BC = 21$$



2. Halle la longitud de la hipotenusa de un triángulo rectángulo isósceles, si la suma de las longitudes de los catetos es 12cm.







53°

3(2)

45°

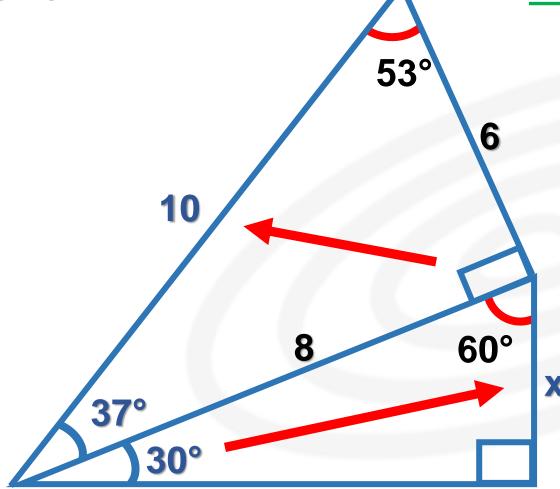
8

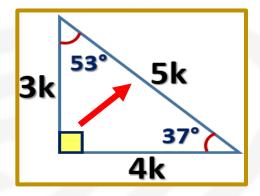
AC = 14

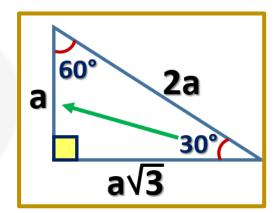






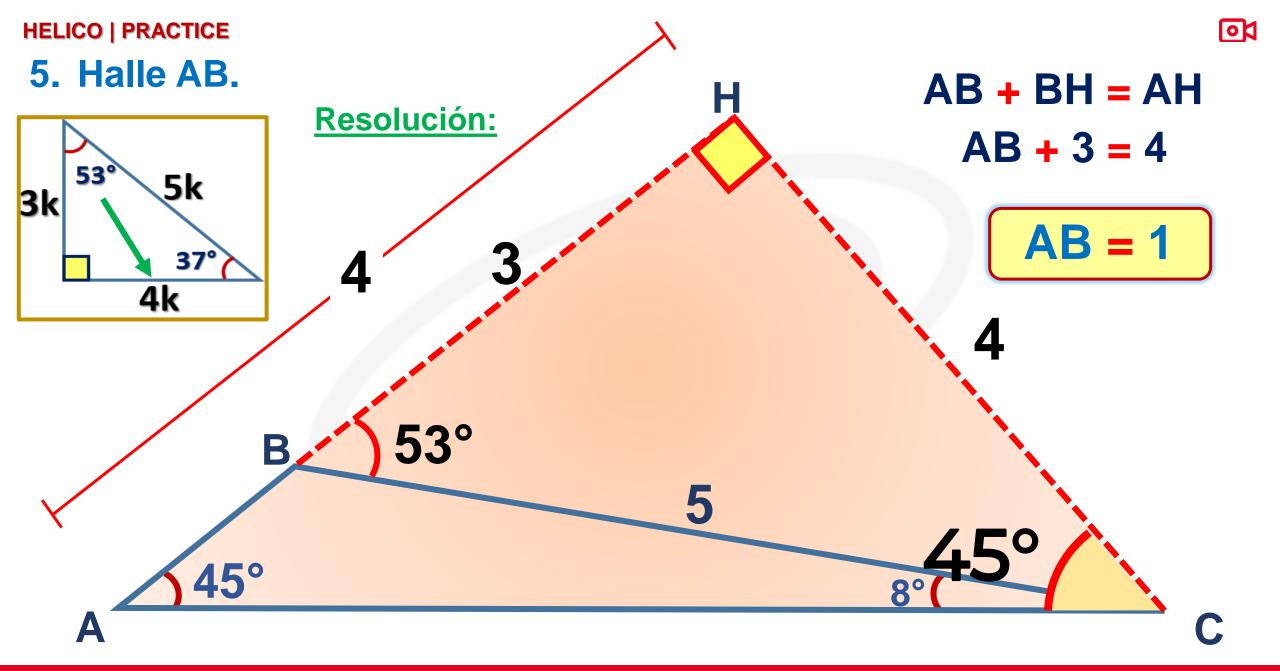






$$x = \frac{8}{2}$$

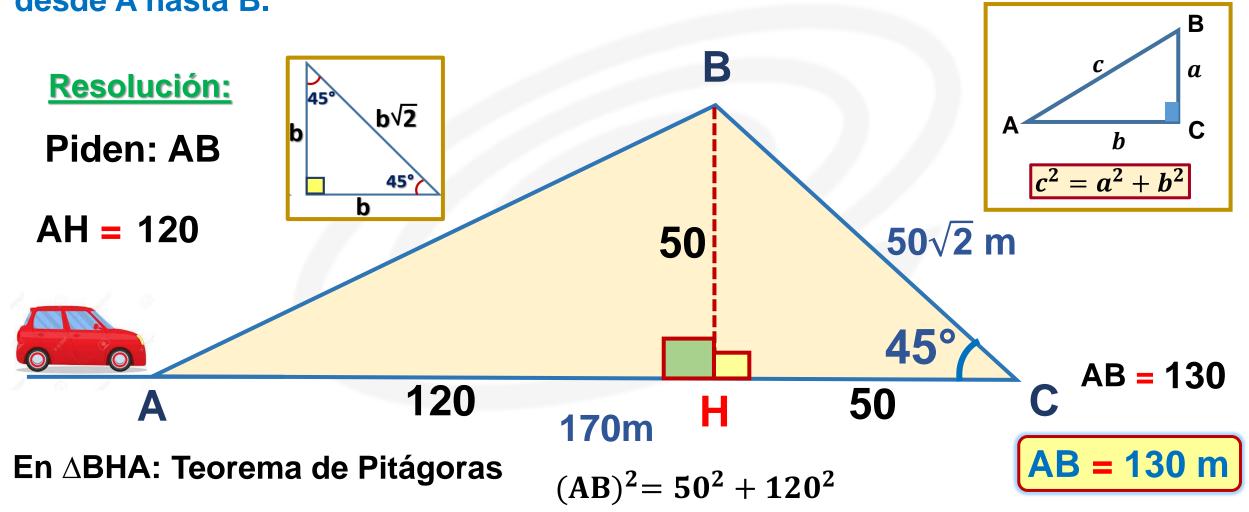
$$x = 4$$



HELICO | PRACTICE



6. José viaja en su automóvil desplazándose por una pista horizontal, tal como se muestra en el grafico. Según ello, halle la distancia que recorrerá el vehículo desde A hasta B.



7. Se instala una cuerda desde el punto A hasta el punto mas alto de un edificio (punto B). Determine la longitud de la altura del edificio (h).

