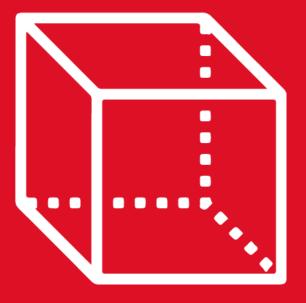


GEOMETRÍA Capítulo 12

3st SECONDARY

SECONDARY

Paralelogramos





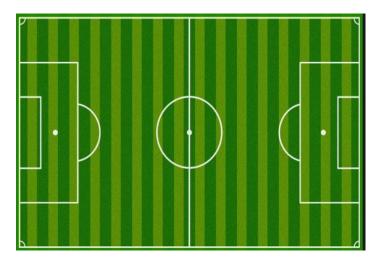
MOTIVATING | STRATEGY

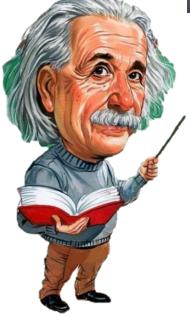














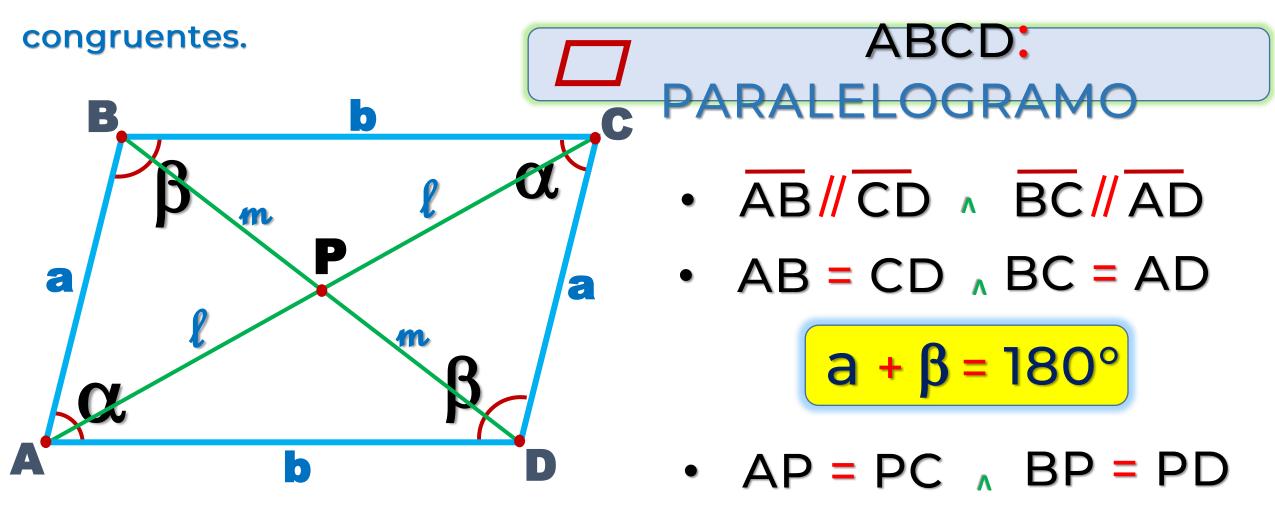






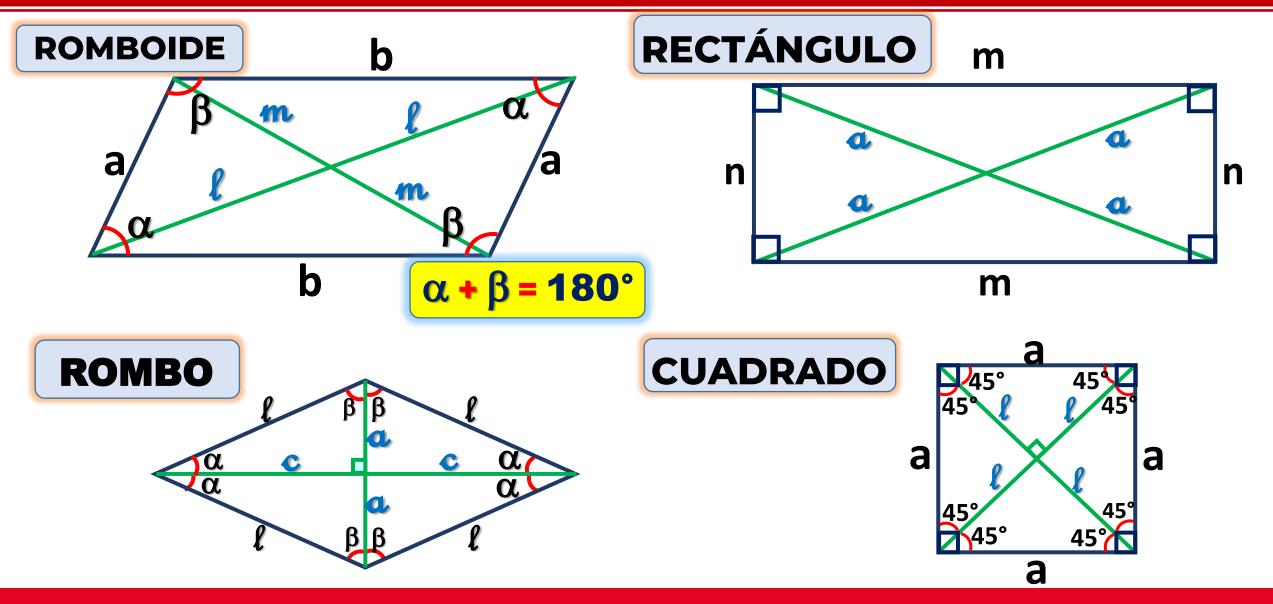


Definición: Es aquel cuadrilátero que tiene sus lados opuestos paralelos y



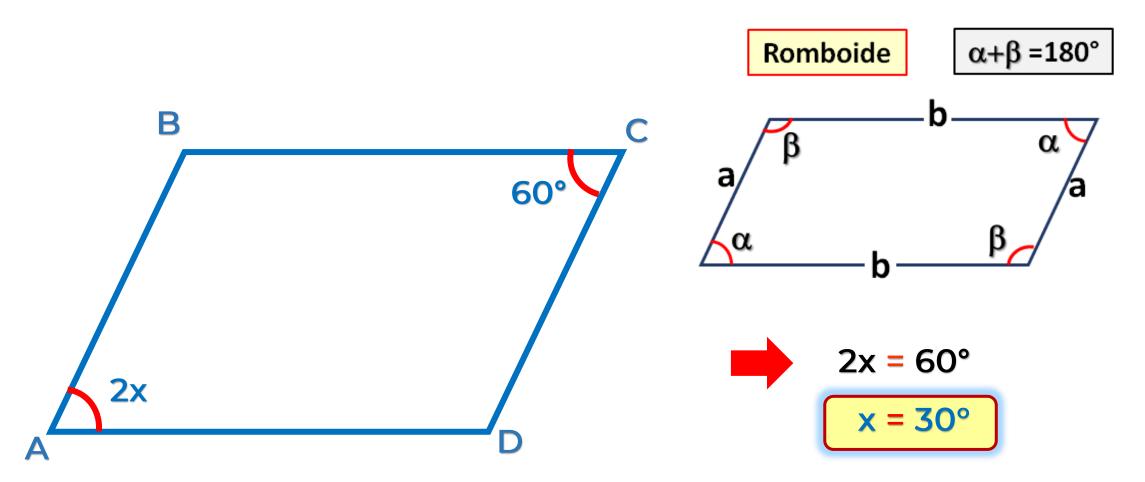
HELICO | THEORY CLASIFICACIÓN DE LOS PARALELOGRAMOS







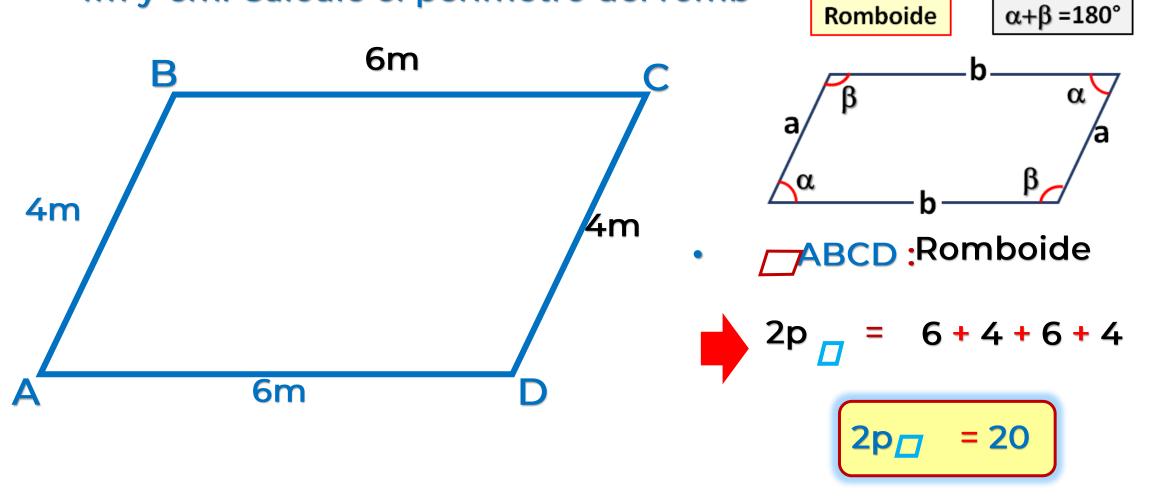
1. En un romboide ABCD, m < A = 2x y $m < C = 60^{\circ}$, halle el valor de x.





2. Las longitudes de dos lados consecutivos de un romboide son

4m y 6m. Calcule el perímetro del romb

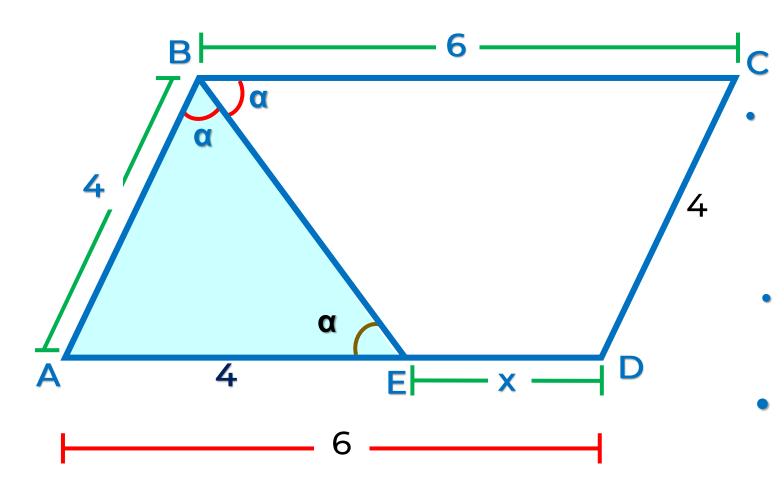


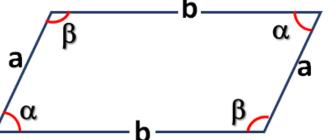
Romboide

α+β =180°

01







ABCD:Romboide

$$AB = CD = 4$$

$$BC = AD = 6$$

$$\overline{AD} / \overline{BC}$$

ABE: Isósceles

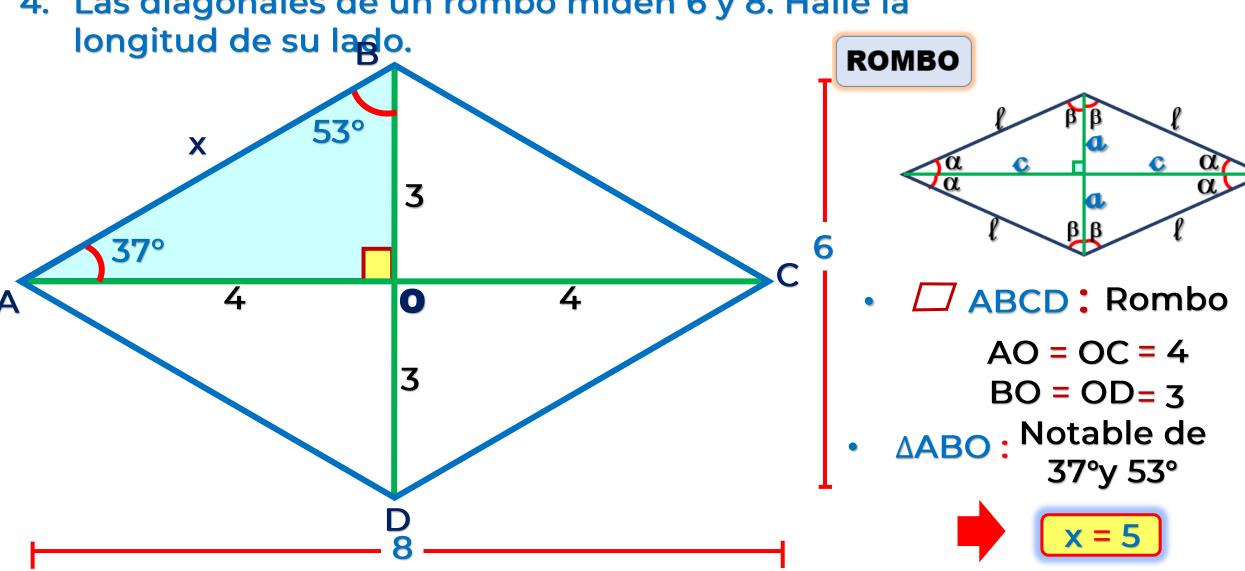
$$AB = AE = 4$$

En el AD.

$$4 + x = 6$$

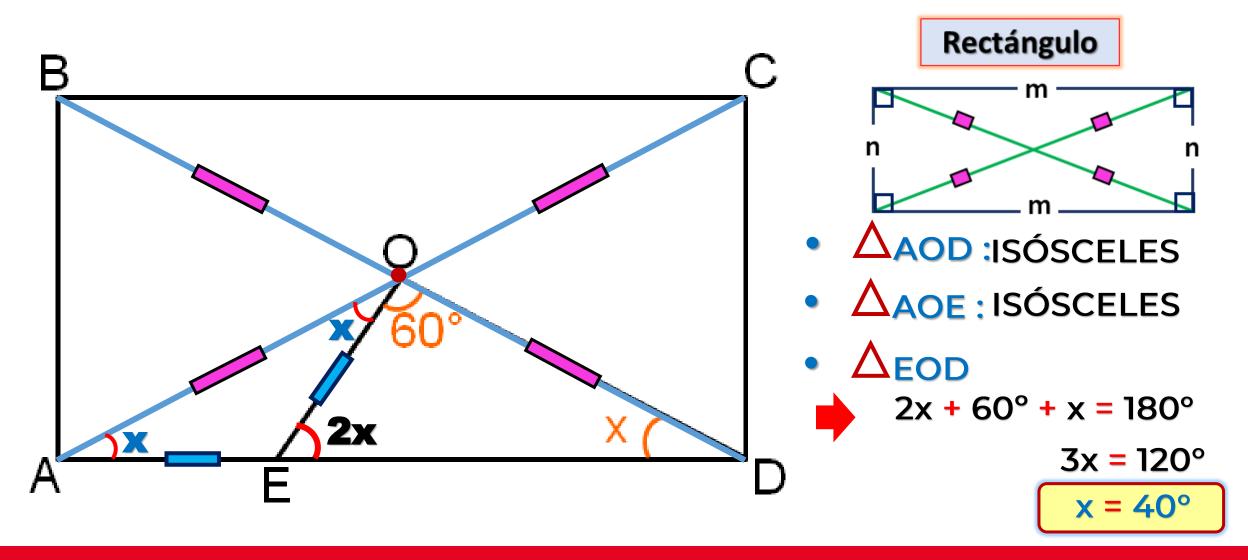
$$x = 2$$

4. Las diagonales de un rombo miden 6 y 8. Halle la



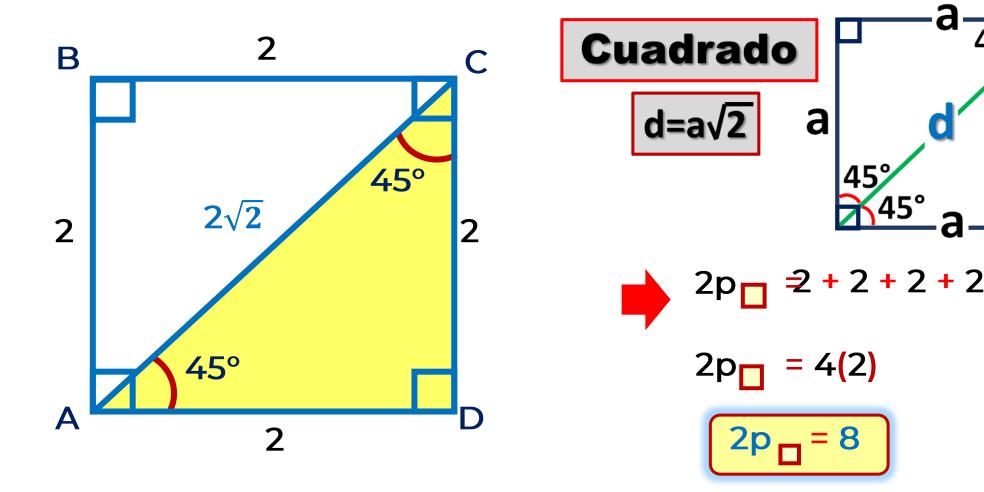


5. ABCD es un rectángulo de centro O. Si AE = EO, calcule x.





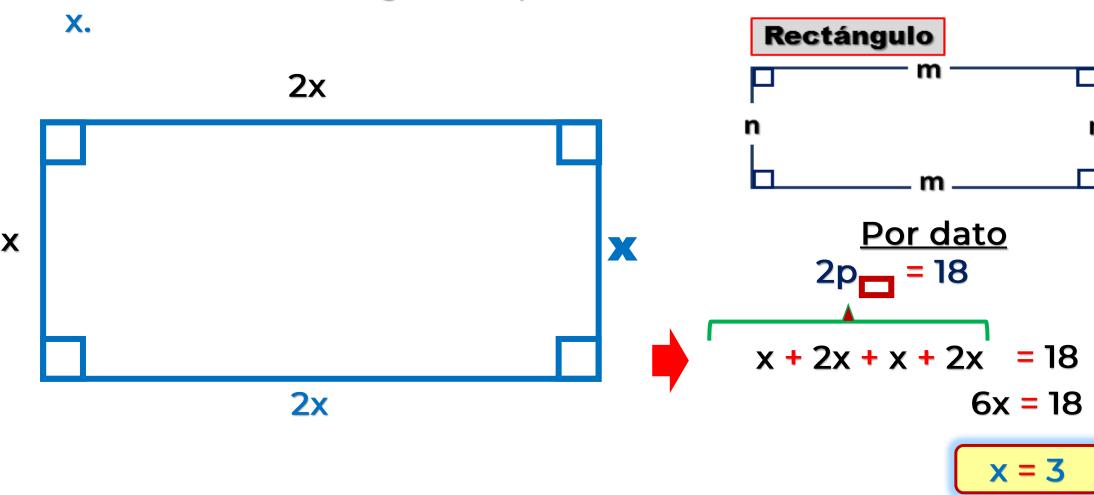
6. La diagonal de un cuadrado mide $2\sqrt{2}$. Calcule su perímetro.



a

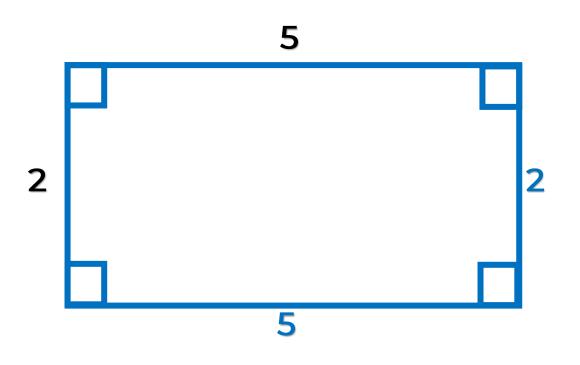


7. Se tiene un rectángulo de perímetro 18. Halle el valor de





8. Pedro corre todos los días 6 vueltas alrededor de una losa deportiva rectangular de dimensiones 5m y 2m cercana a su casa. ¿Cuantos metros recorre Pedro diariamente?.



En el rectángulo ABCD:

