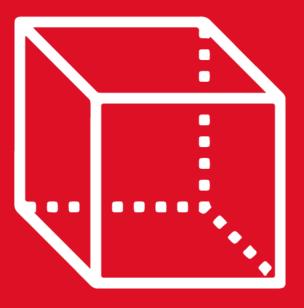


GEOMETRÍA Capítulo 9

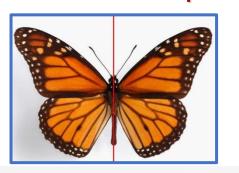
2st SECONDARY

Aplicaciones de la congruencia





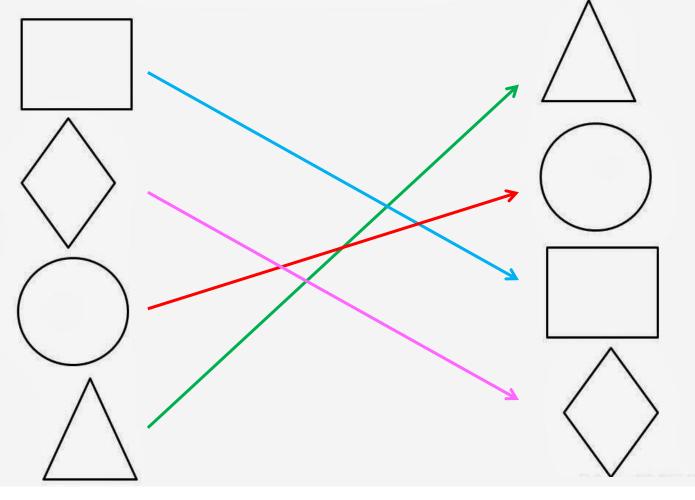
MOTIVATING | STRATEGY















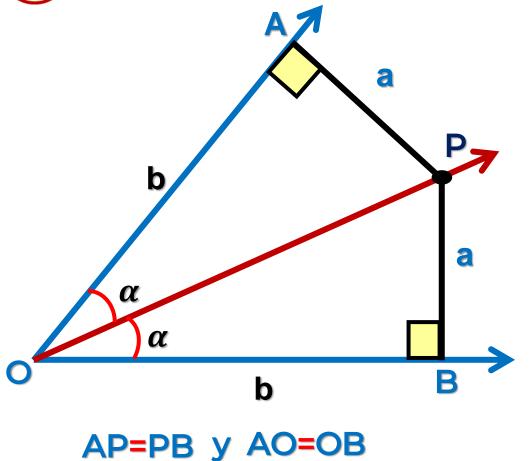




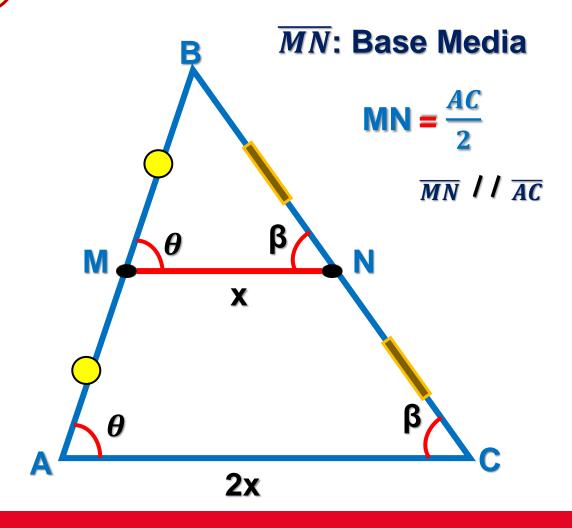








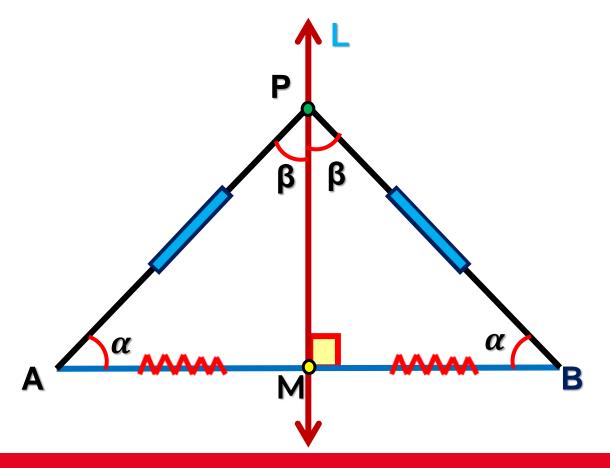
2 TEOREMA DE LA BASE MEDIA





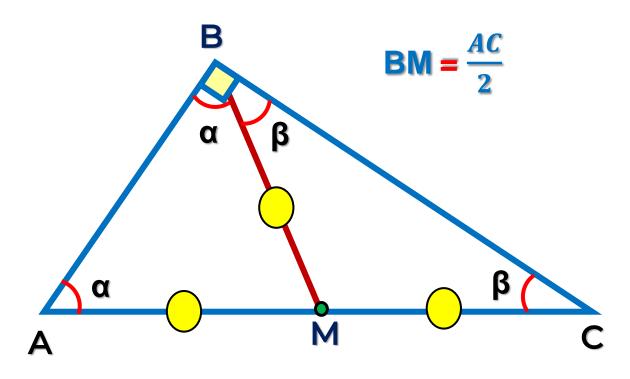


 $\stackrel{\longleftarrow}{\mathsf{L}}$: Mediatriz del \overline{AB}



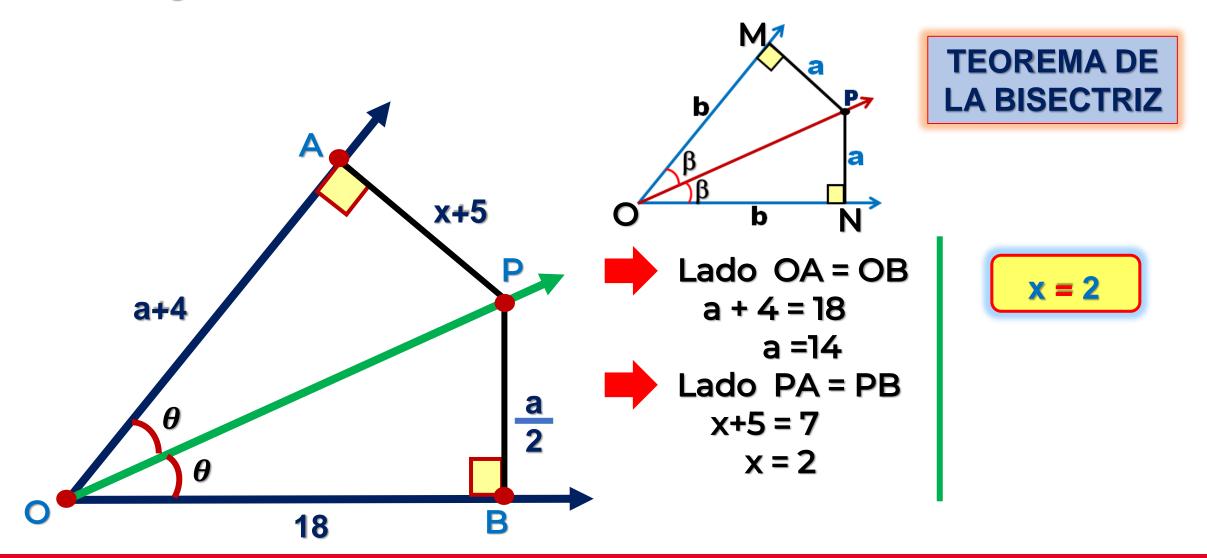


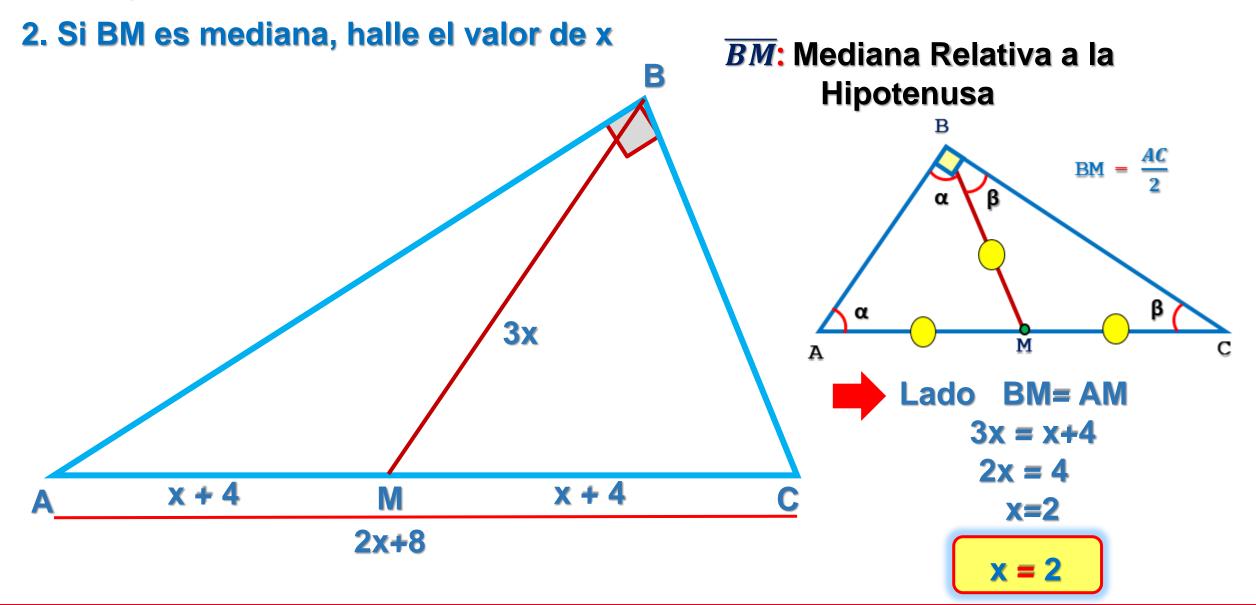
BM: Mediana Relativa a la Hipotenusa



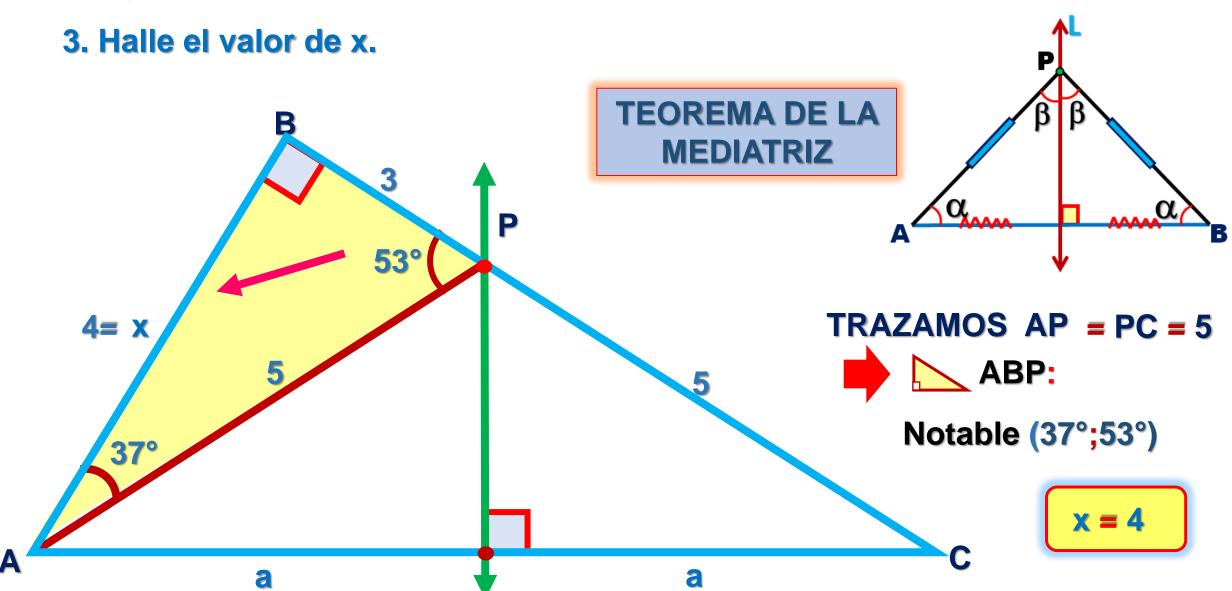


1. En la figura, halle el valor de x.

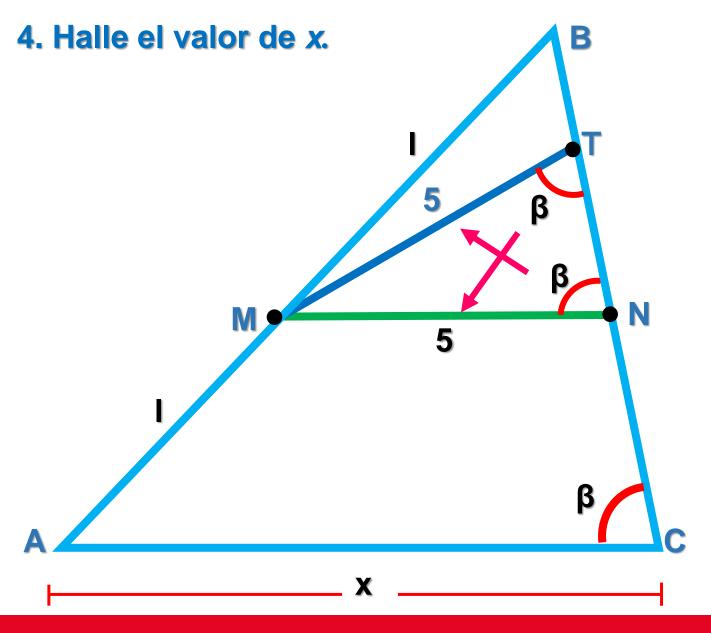




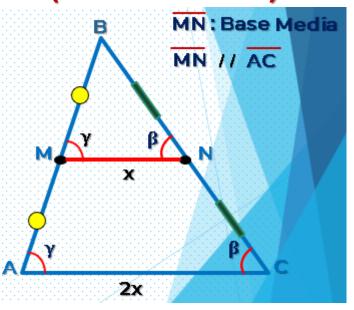








• Trazamos $\overline{MN} \parallel \overline{AC}$ (BASE MEDIA)

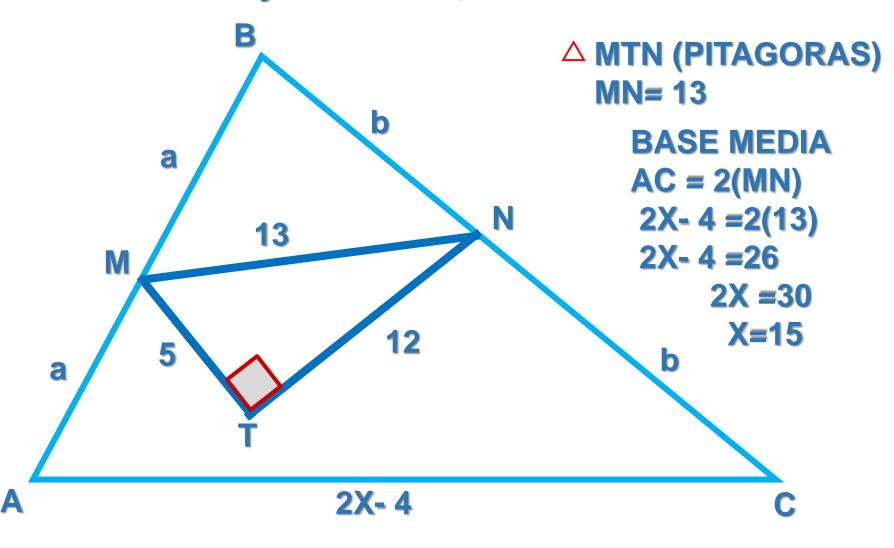


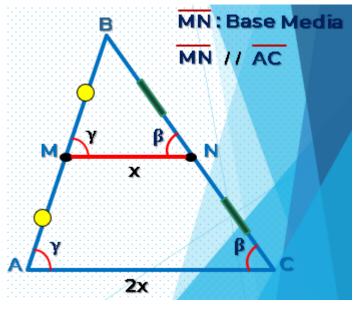
△MNT: Isósceles

$$x = 2 (5)$$

$$x = 10$$

5. Si MT = 5 cm y TN = 12 cm, halle el valor de x.

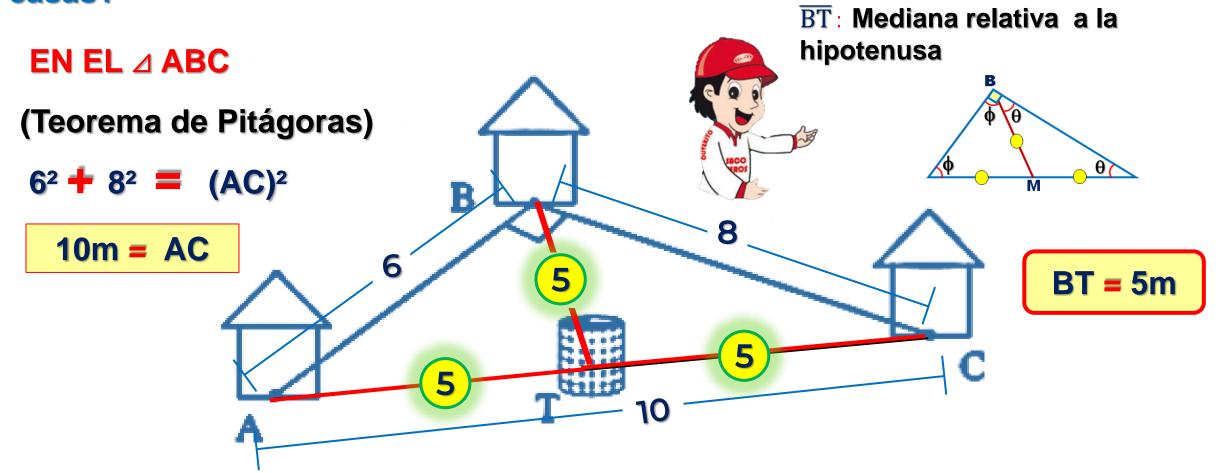








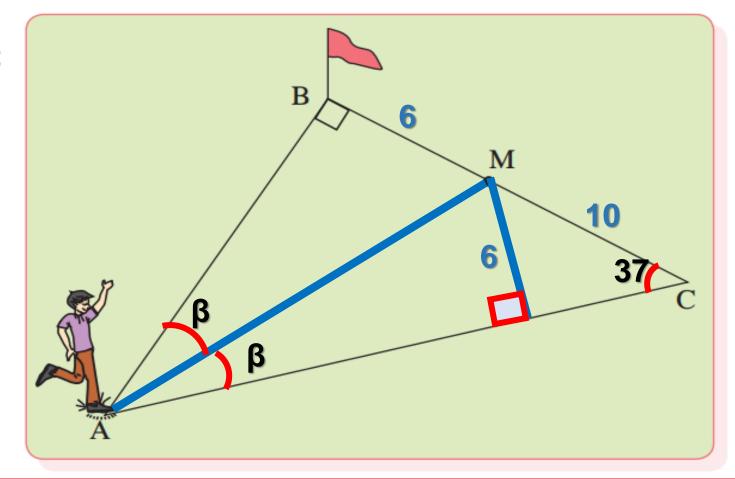
6. Se tiene tres casas A, B y C. A está a 6 m de B y B está a 8 m de C. ¿A qué distancia de B se debe ubicar un tanque de agua que equidiste de las tres casas?



7. Andrés se encuentra en el punto A y observa los bordes BM y MC bajo ángulos de iguales medidas. Si BM = 6 m y MC = 10 m, ¿a qué distancia se encuentra Andrés del banderín?

EN EL 4 ABC

$$\beta = 53$$



BM =
$$6\sqrt{5}$$