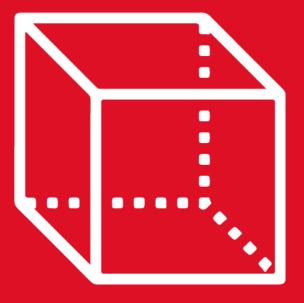
GEOMETRÍA Capítulo 9

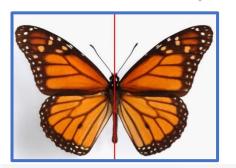
2st SECONDARY

Aplicaciones de la congruencia





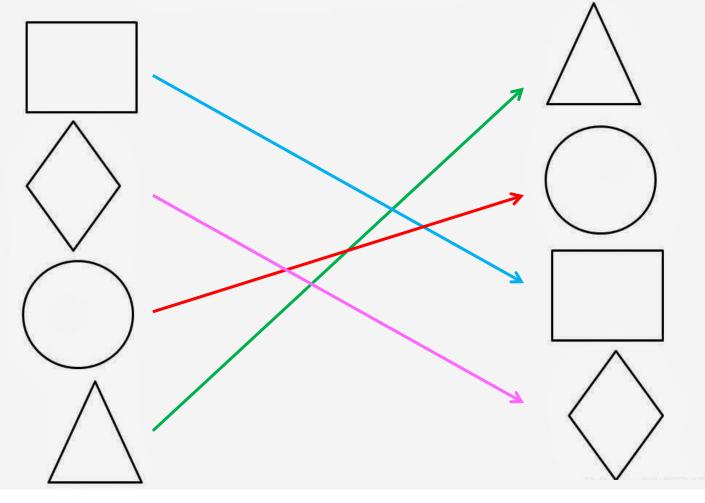
MOTIVATING | STRATEGY





















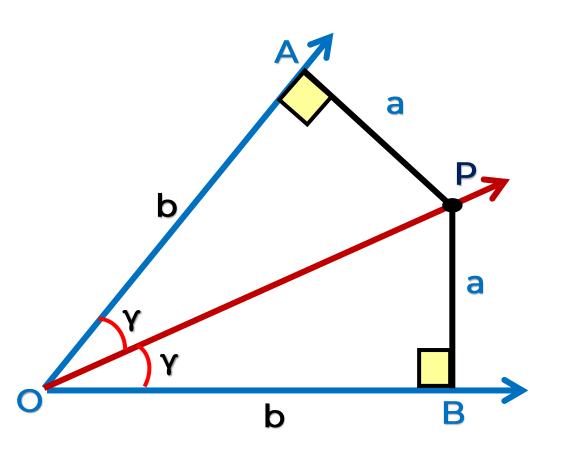


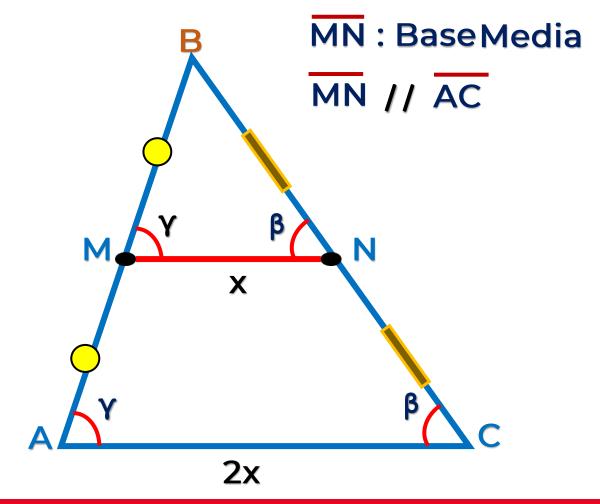


TEOREMA DE LA BISECTRIZ



TEOREMA DE LA BASE MEDIA

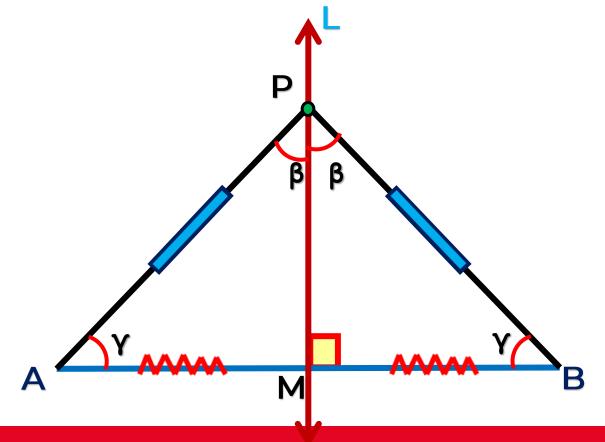




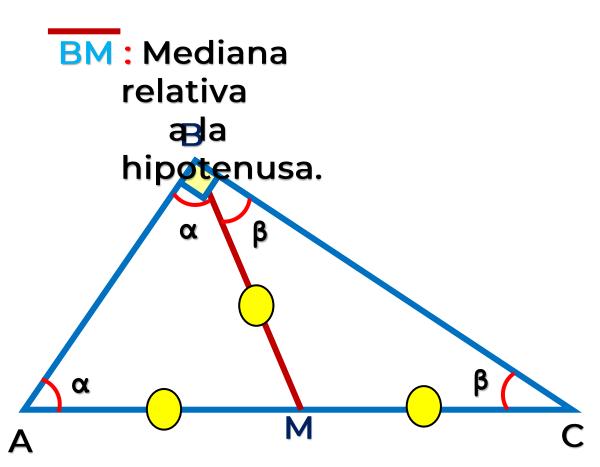


TEOREMA DE LA MEDIATRIZ

L: Mediatriz del AB

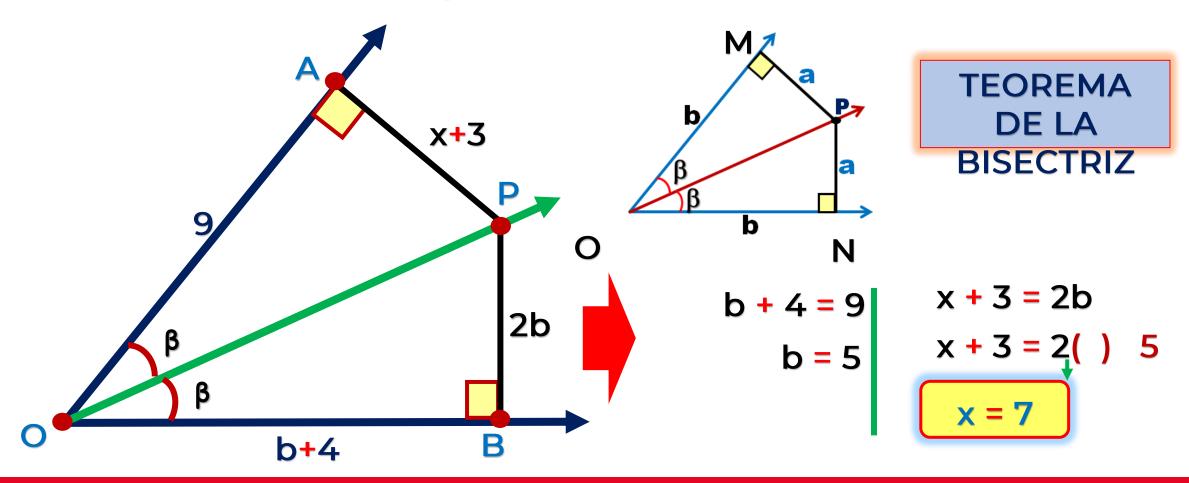


TEOREMA DE LA MEDIANA RELATIVA A LA HIPOTENUSA

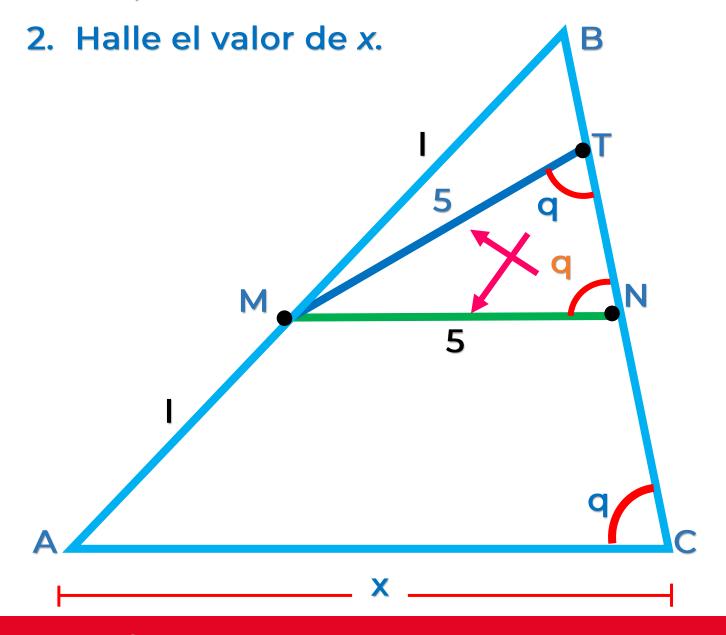




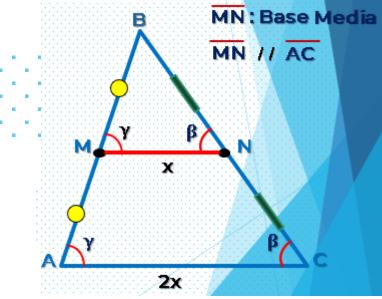
 Desde un punto P de la bisectriz de un ángulo se trazan las perpendiculares PA y PB a los lados de dicho ángulo. Si O es vértice, OA=9, OB=b+4, PB=2b y PA=x+3, halle el valor de x.







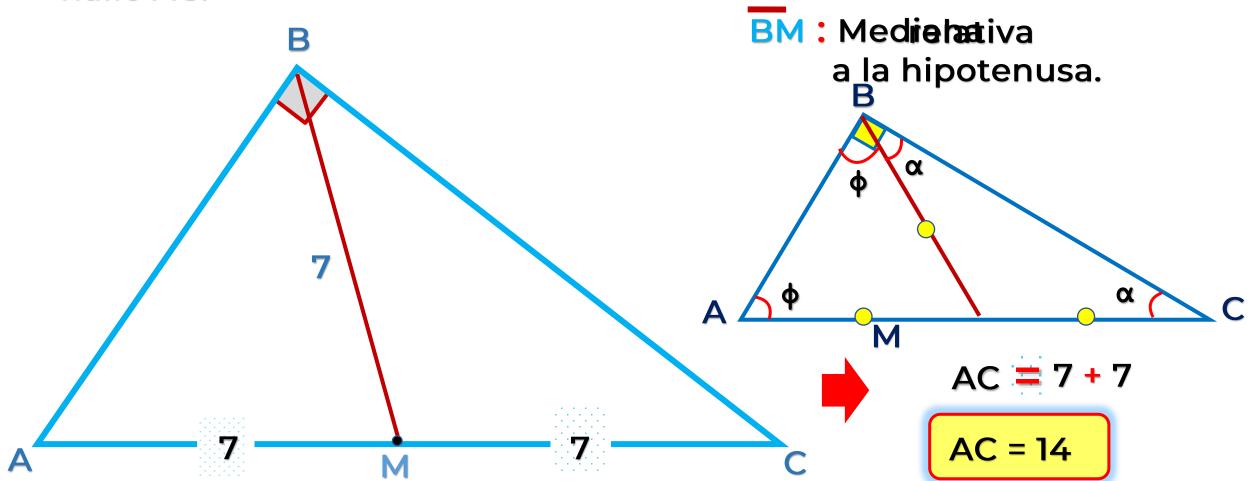




MNT: Isósceles

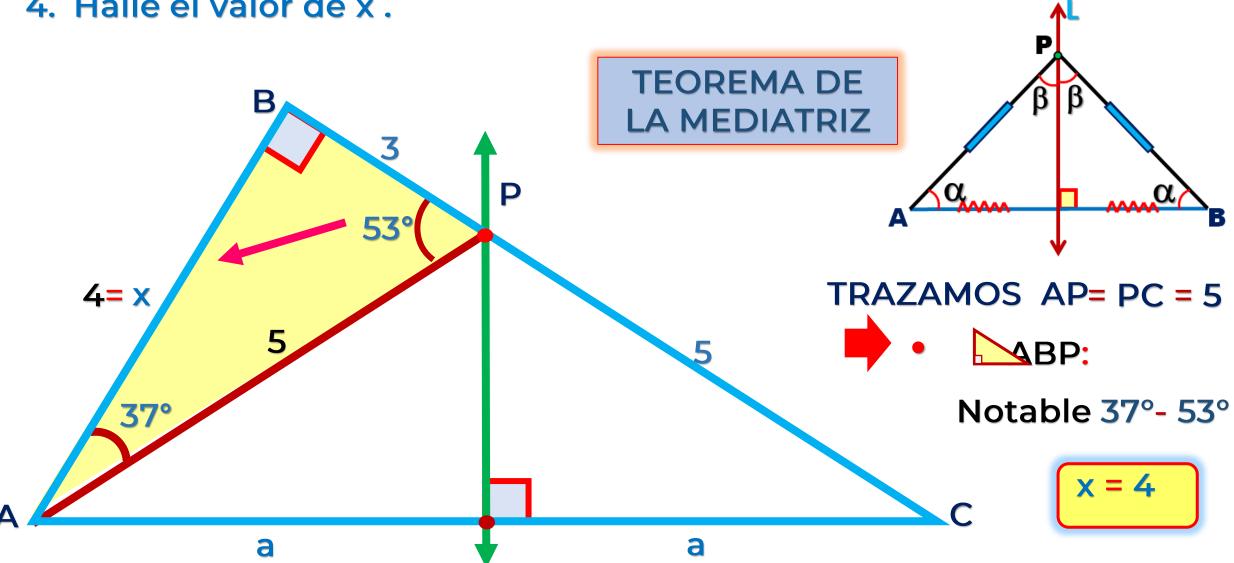


3. En un triángulo ABC, recto en B, se traza la mediana \overline{BM} . Si BM = 7, halle AC.



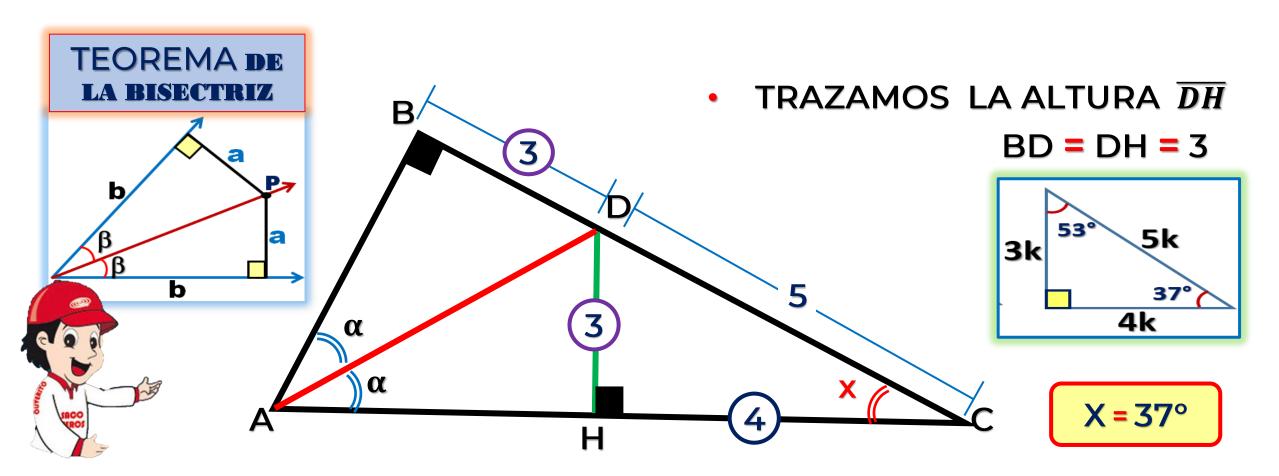








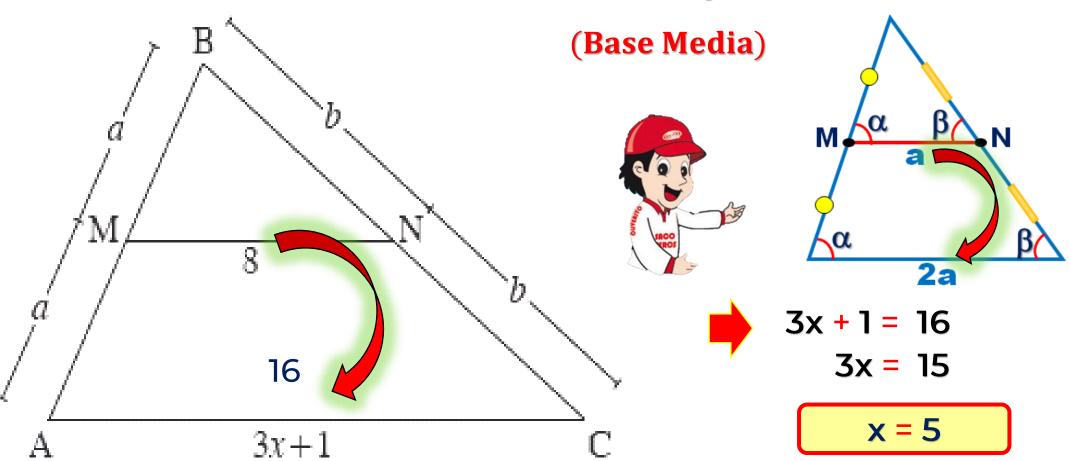
5. En un triángulo ABC, recto en B, se traza la bisectriz interior AD, D \in BC, tal que BD = 3m y DC = 5m. Halle m<ACB





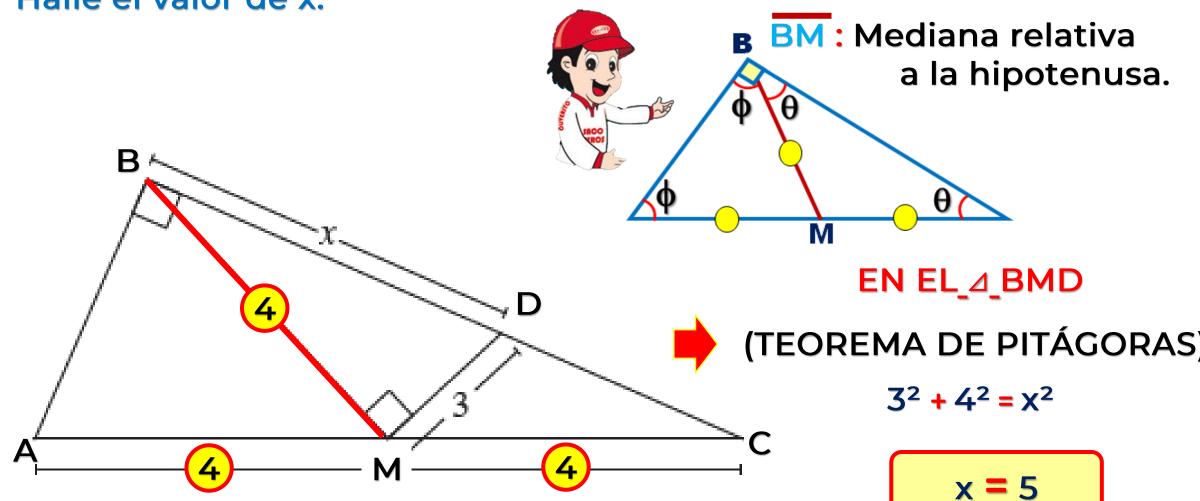


M y N PUNTOS MEDIOS DE \overline{AB} y \overline{BC}





7. Halle el valor de x.





8. Se tiene tres casas A, B y C. A está a 6m de B, 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

