GEOMETRÍA Tomo 3

1st secondary

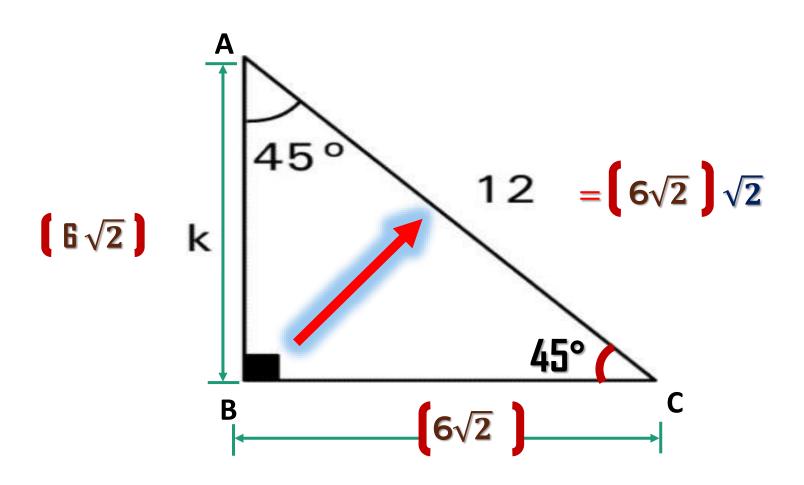
Retroalimentación

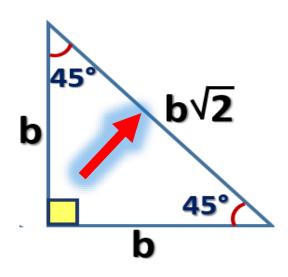






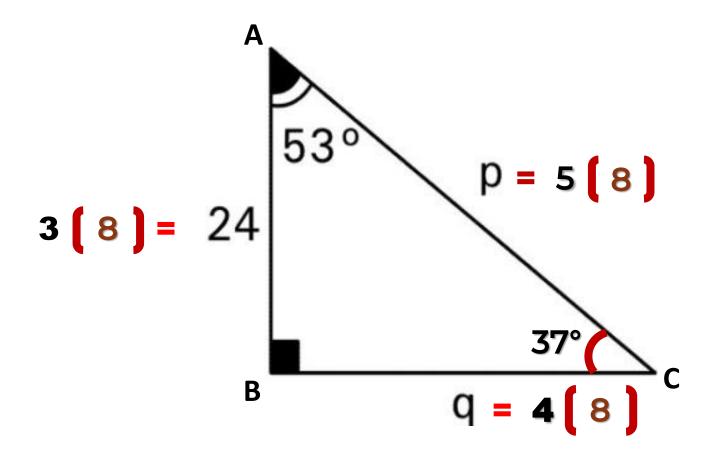
1. Halle el valor de k

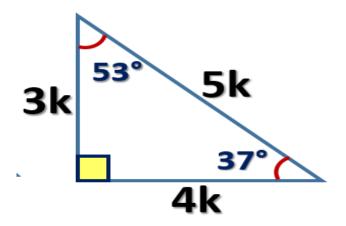




$$k = 6\sqrt{2}$$

2. Halle el valor de p + q





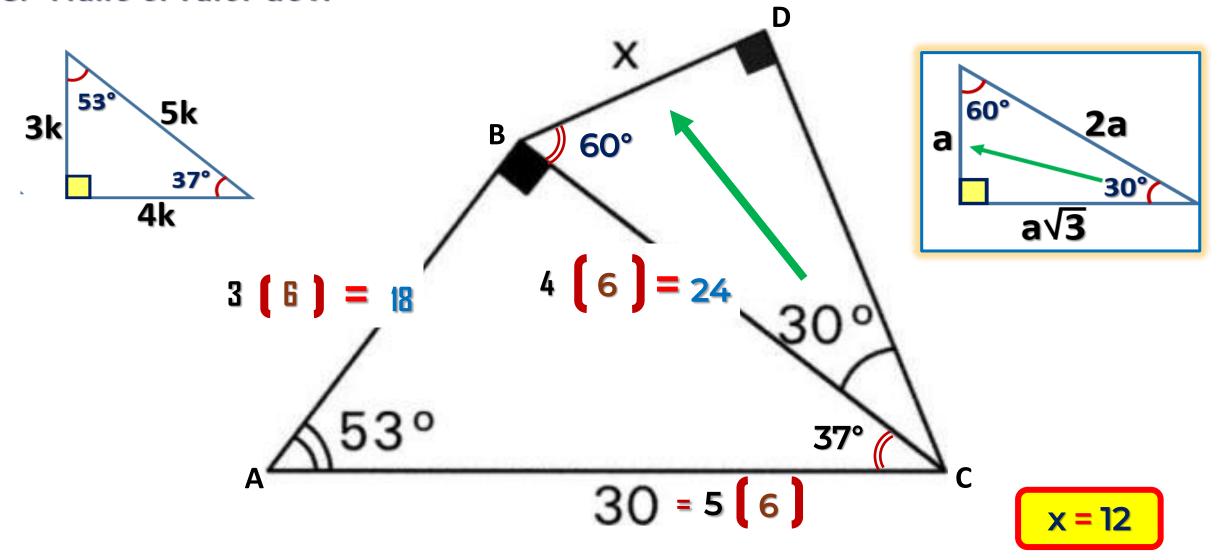
$$p = 5(8) = 40$$

$$q = 4(8) = 32$$

$$p + q = 72$$

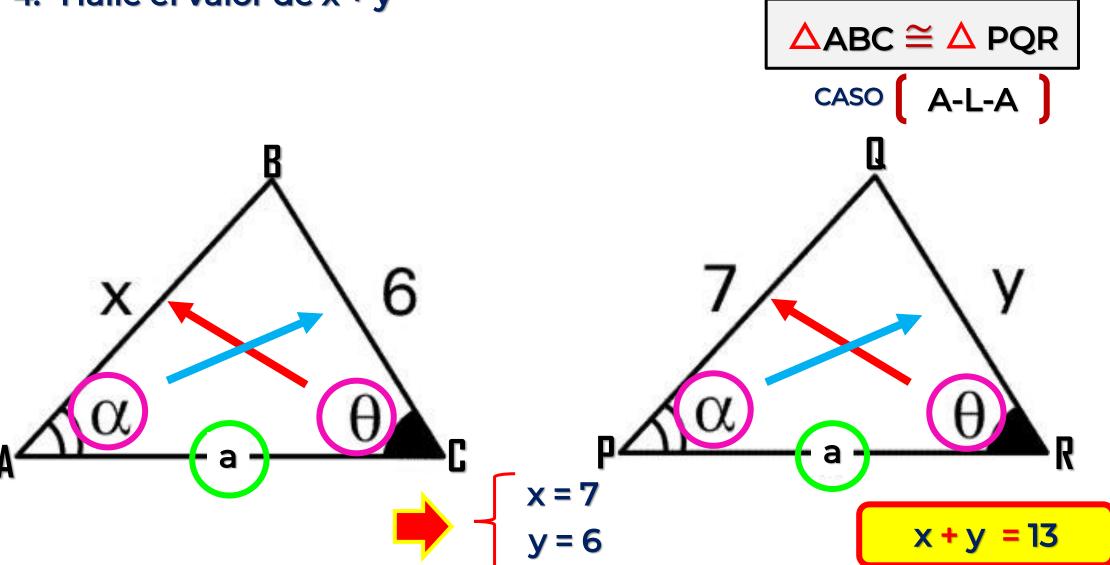


3. Halle el valor de x



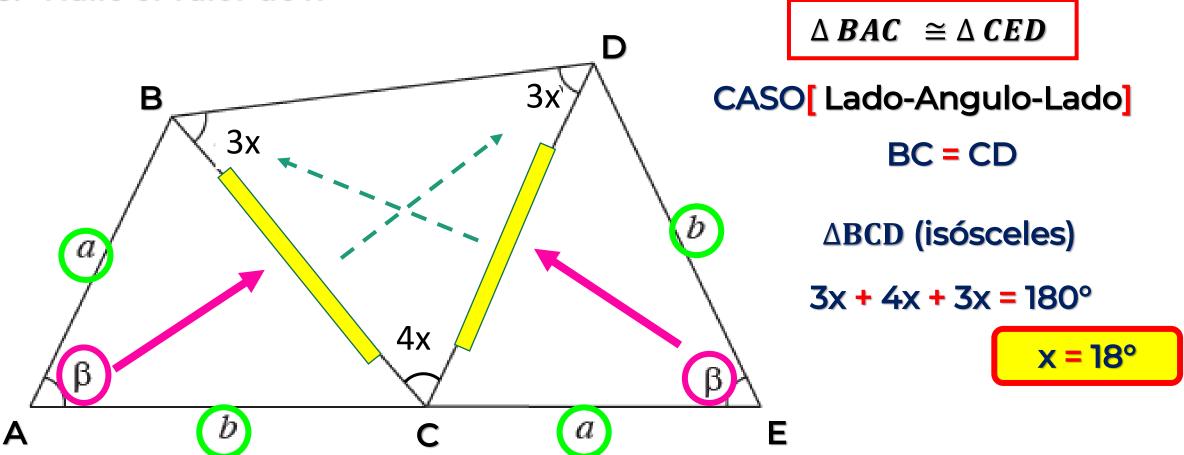


4. Halle el valor de x + y



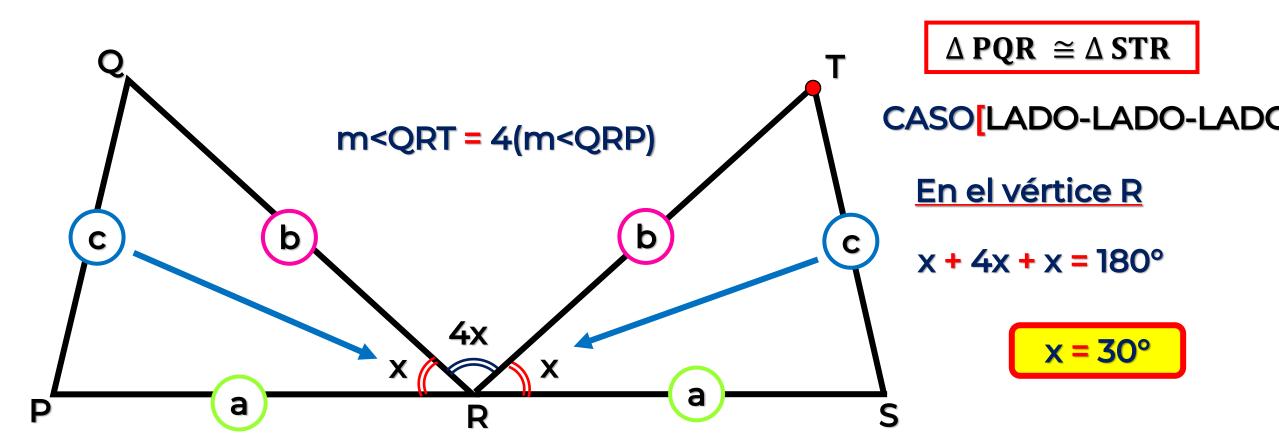


5. Halle el valor de x



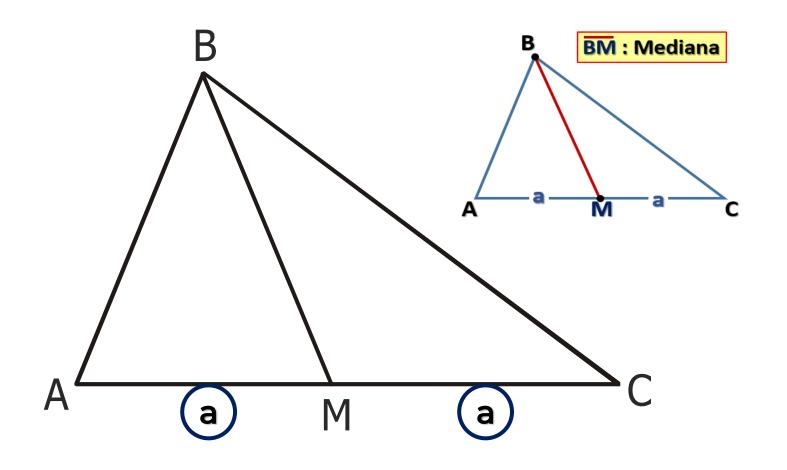


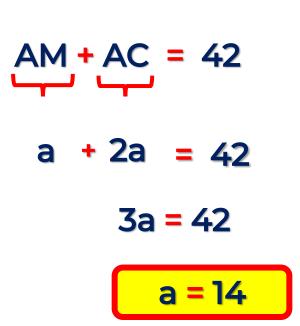
6. Se tiene un triángulo PQR y se prolonga PR hasta S tal que PR = RS, luego se ubica un punto exterior T, relativo a QR, TR = QR y TS = PQ y m<QRT = 4m<QRP. Halle m<QRP.</p>



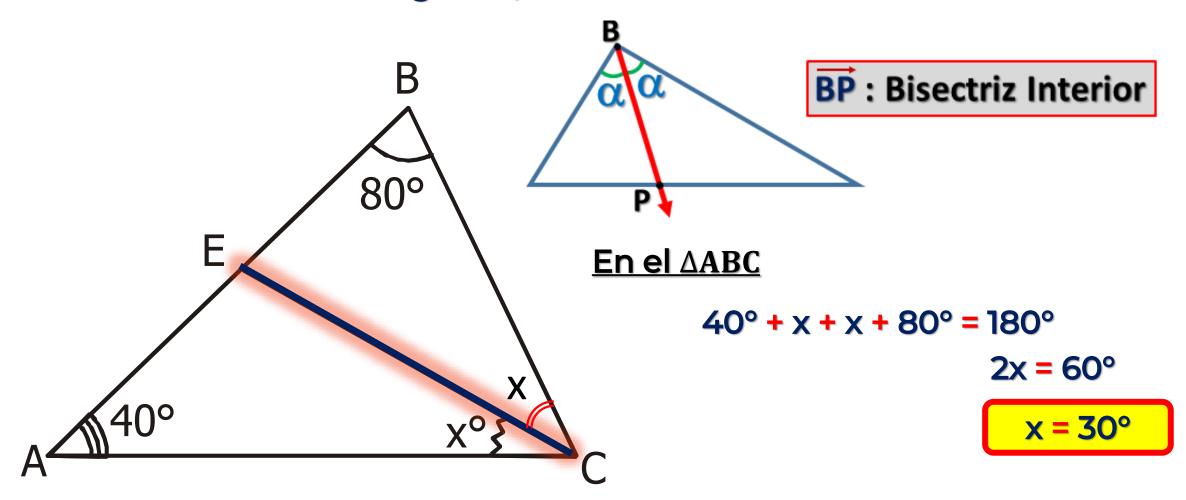


7. Si \overline{BM} es mediana y AM + AC = 42 cm, hallar MC.



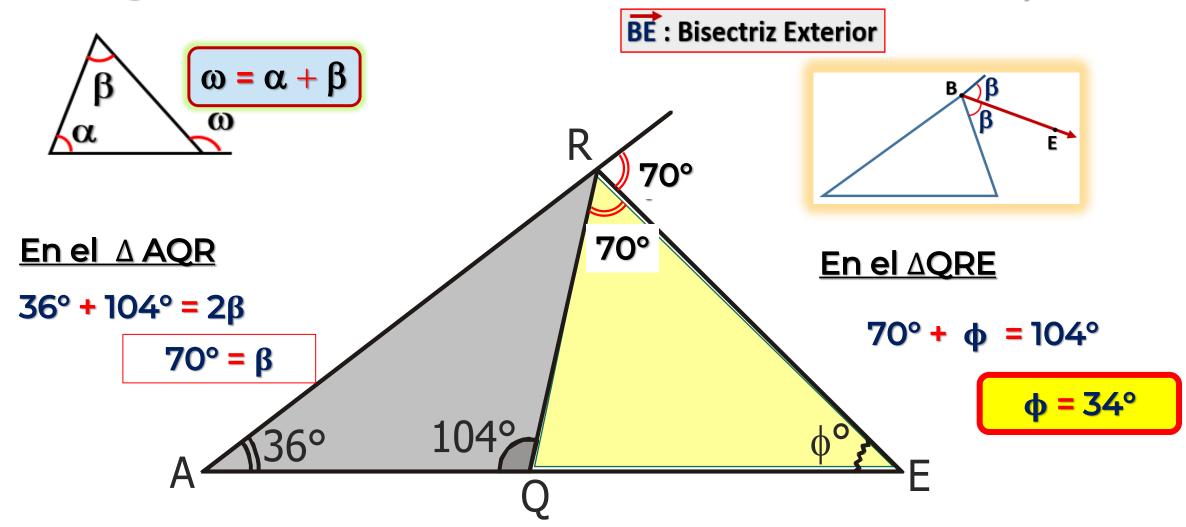


8. Si CE es bisectriz del ángulo C, halle el valor de x





9. En el gráfico \overline{RE} es bisectriz exterior del triángulo ARQ. Hallar ϕ





10. Se construye un pozo de agua para abastecer tres viviendas en una población rural, tal como se muestra en el gráfico. Halle m<ABC.

