

# GEOMETRÍA

Tomo 3



Helico asesoría



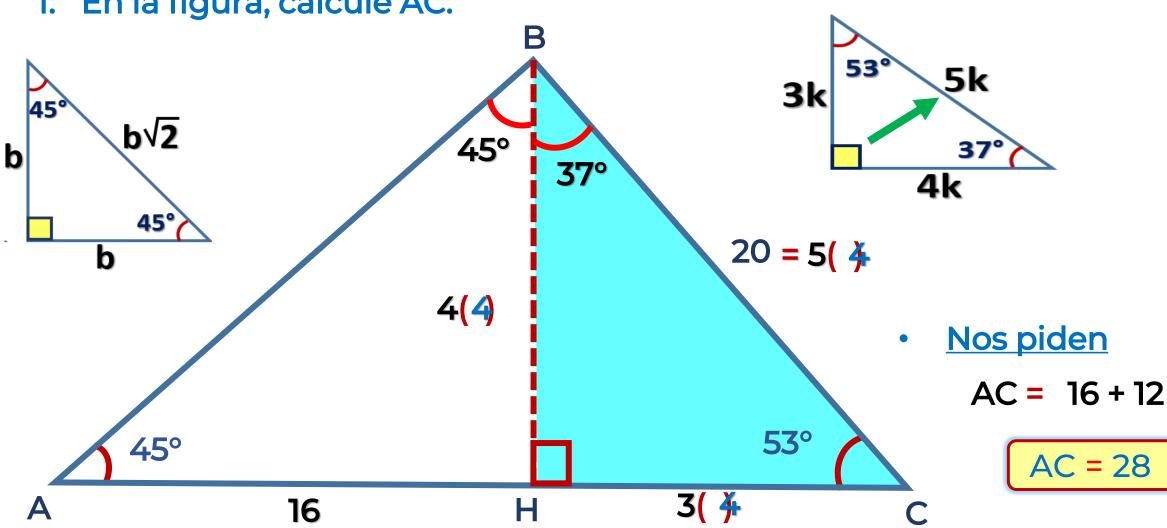




Resolución

#### HELICO | PRACTICE

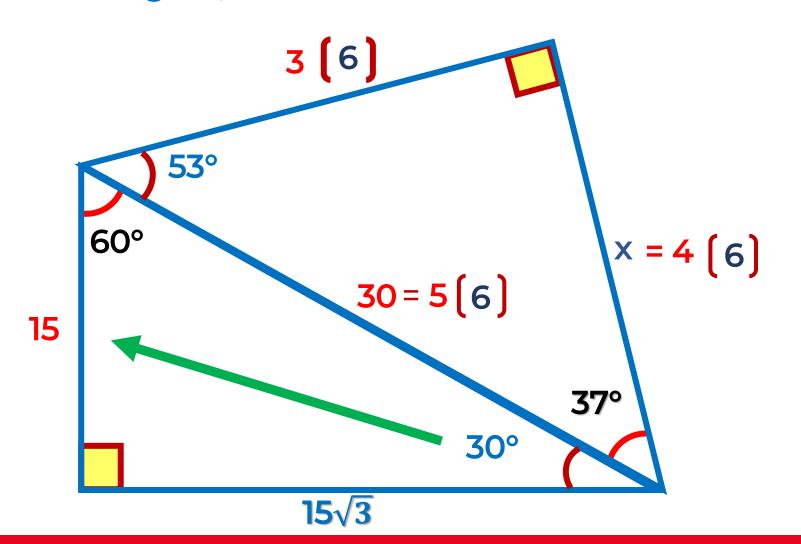


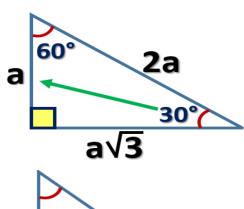


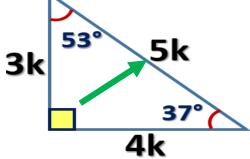


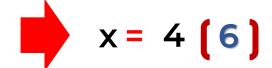
## Resolución

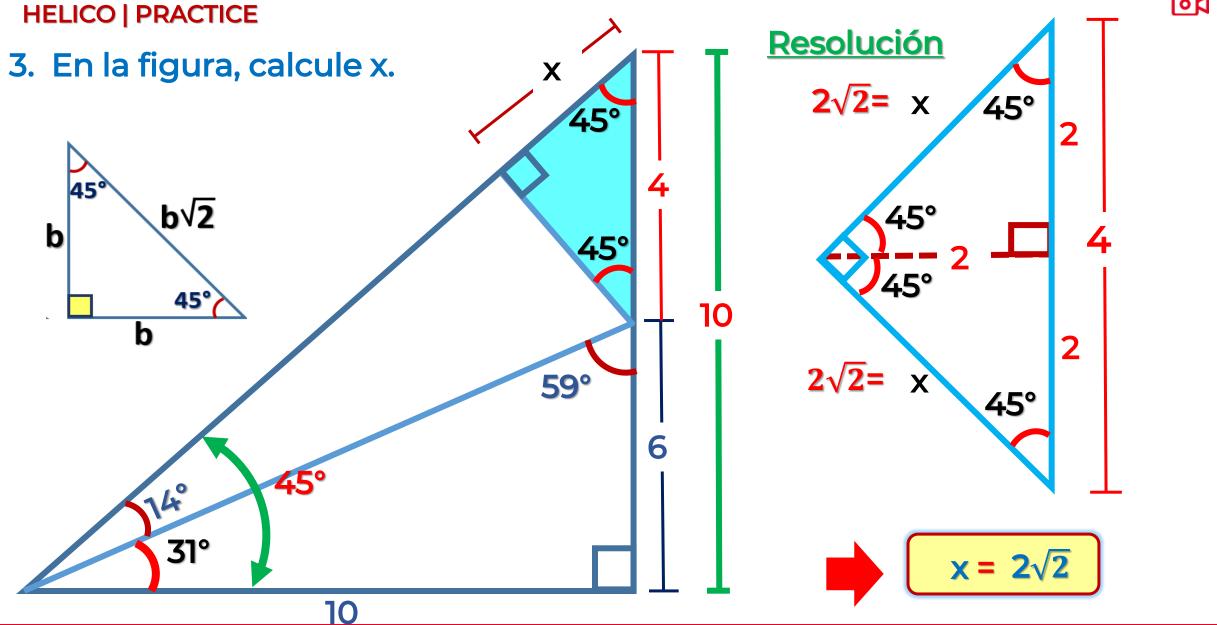
## 2. En la figura, calcule x.







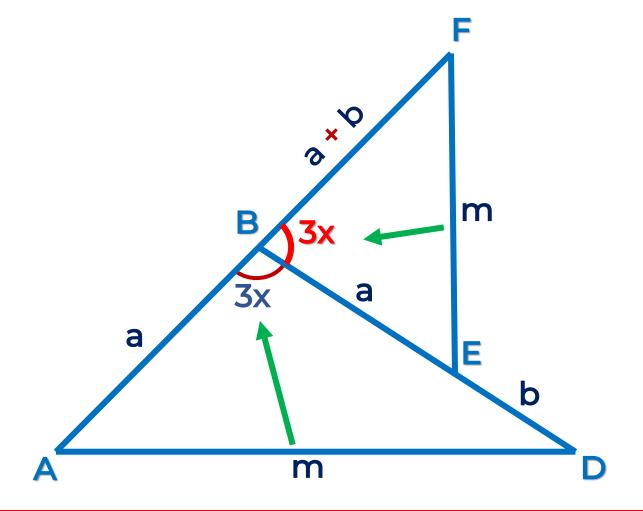






## Resolución

### 4. En la figura, calcular x.



## Del gráfico, tenemos:



#### Se observa en B:

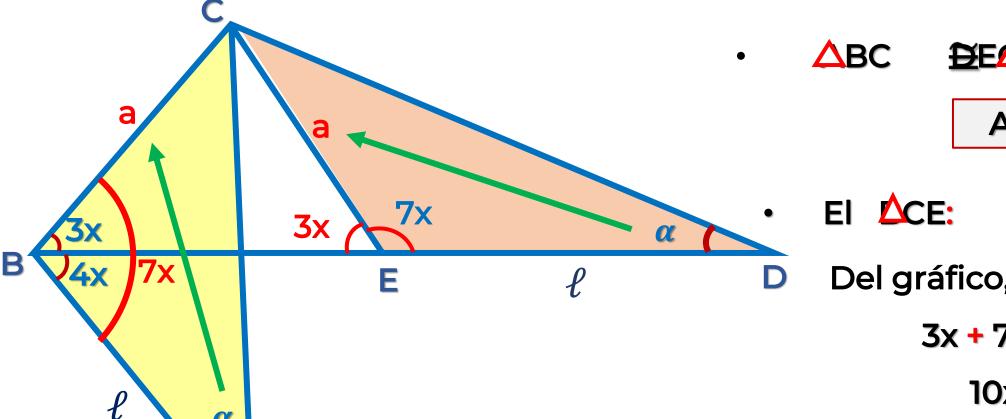
$$3x + 3x = 180^{\circ}$$

$$6x = 180^{\circ}$$









Isósceles

Del gráfico, en E:

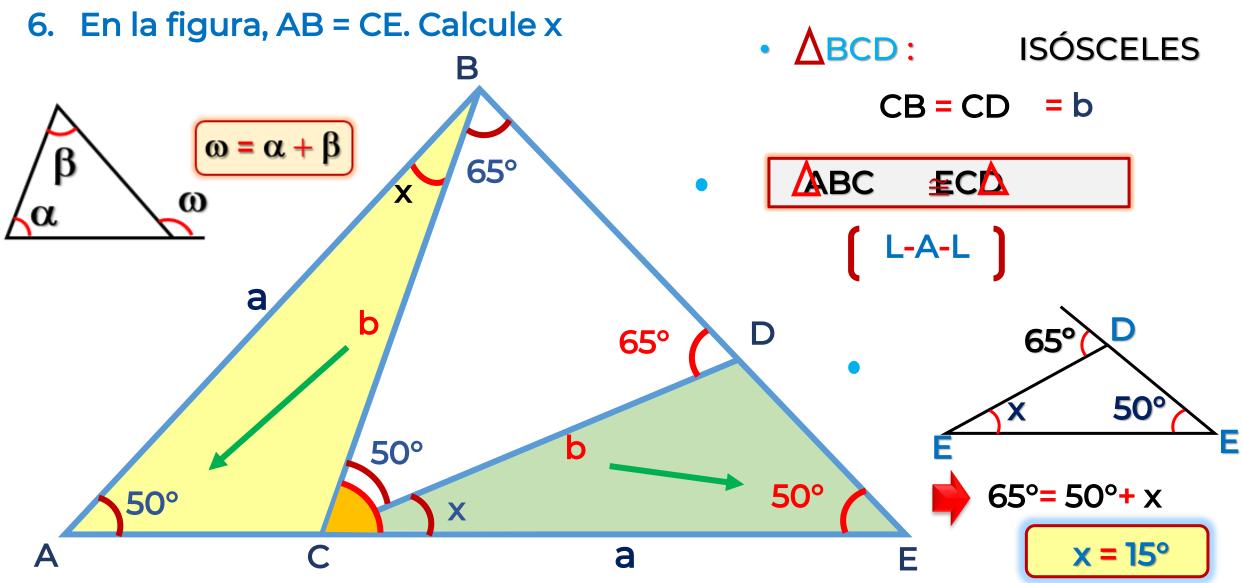
$$3x + 7x = 180^{\circ}$$

$$10x = 180^{\circ}$$

$$x = 18^{\circ}$$

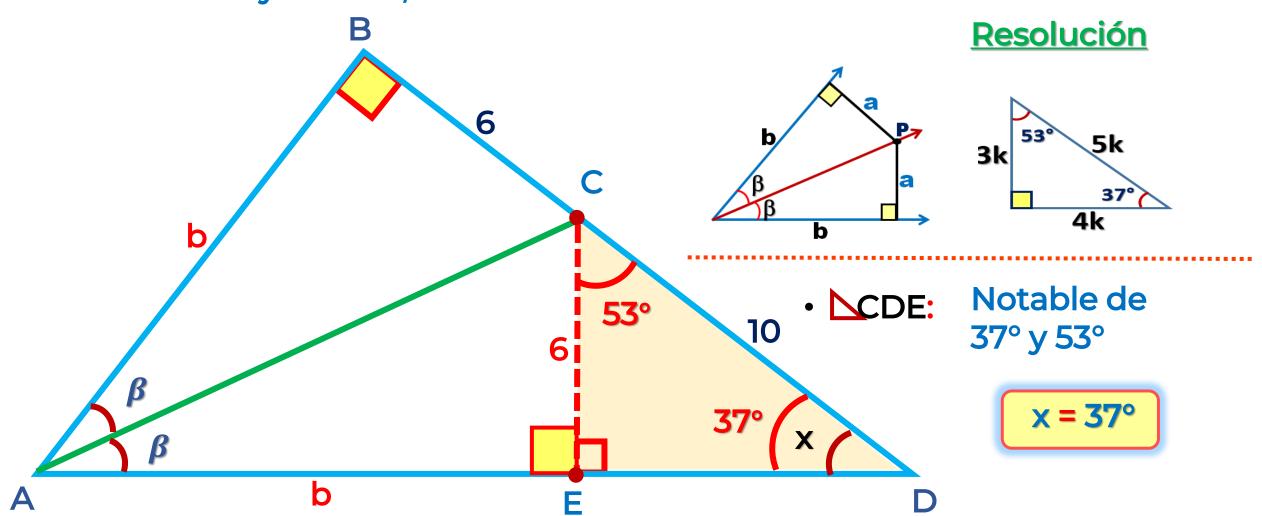
# Resolución







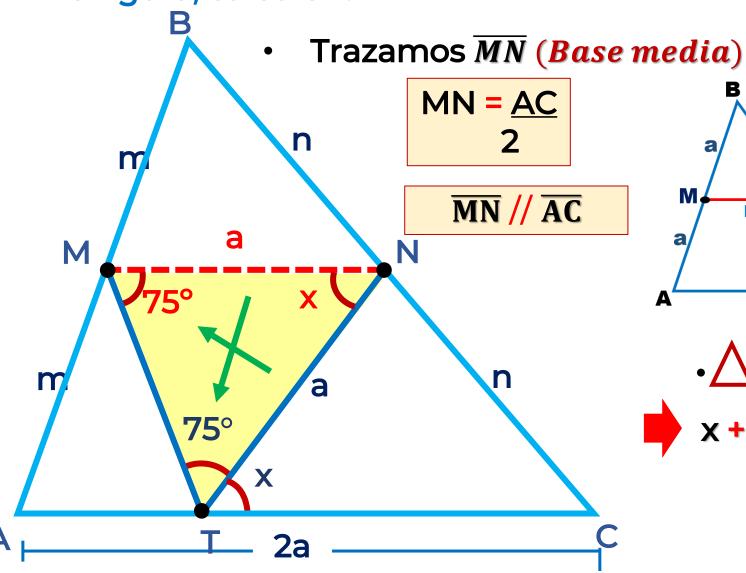
7. En un triángulo rectángulo ABD, recto en B, se traza la bisectriz interior  $\overline{AC}$ . Si BC = 6 y CD = 10, halle m<ADC.

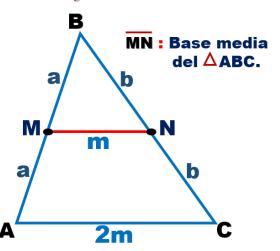


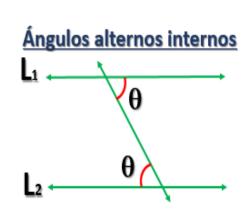


# 8. En la figura, calcule x.

# Resolución



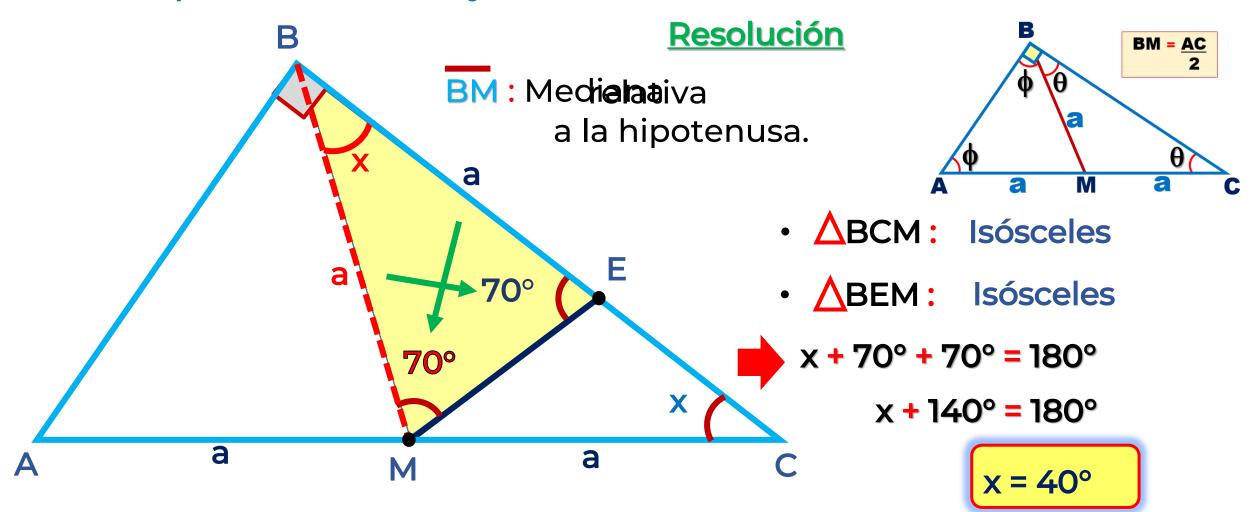




$$x + 150^{\circ} = 180^{\circ}$$



9.En un triángulo rectángulo ABC recto en B, se ubican los puntos M en  $\overline{AC}$  y E en  $\overline{BC}$ , tal que: AM = MC = BE y m $\not$ BEM = 70°. Calcule la m $\not$ BCA.





# 10. En la figura, calcule x.

# Resolución

