

# GEOMETRÍA RETROALIMENTACIÓ N

2nd SECONDARY

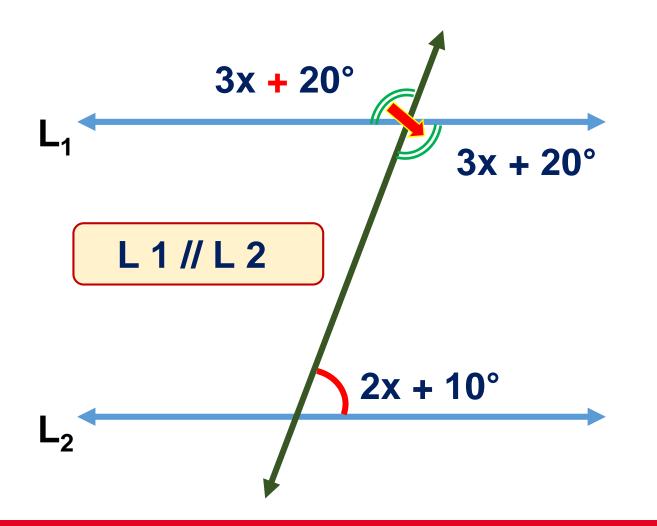
**TOMO 2** 

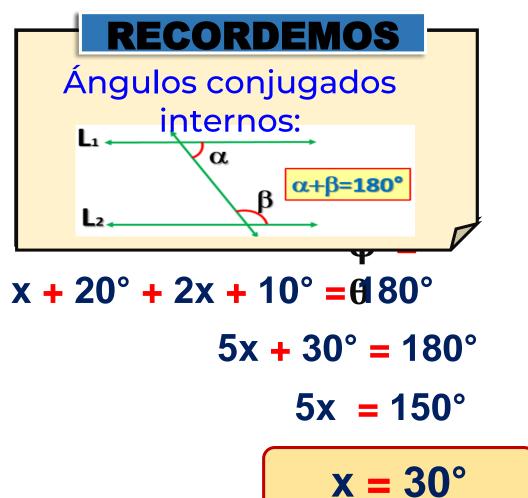






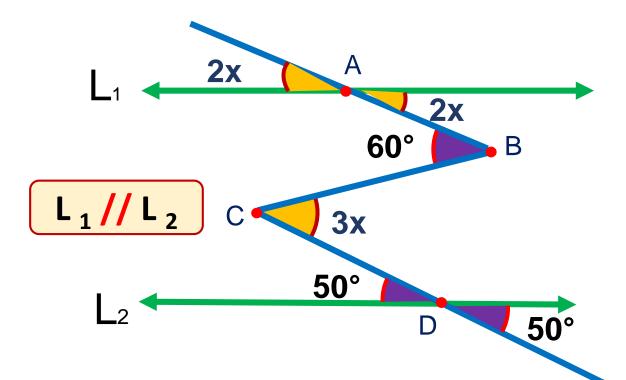
### 1. Si $\overrightarrow{L_1} /\!/ \overrightarrow{L_2}$ , halla el valor de x.

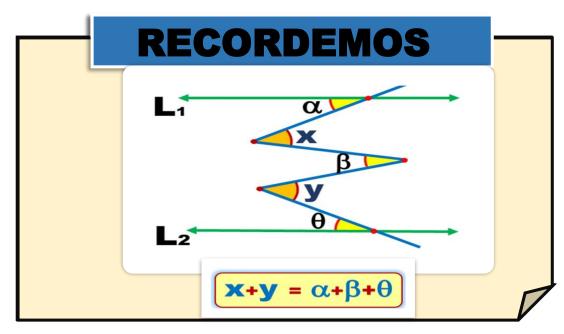






# 2. Si $\overrightarrow{L_1} / / \overrightarrow{L_2}$ , halle x.



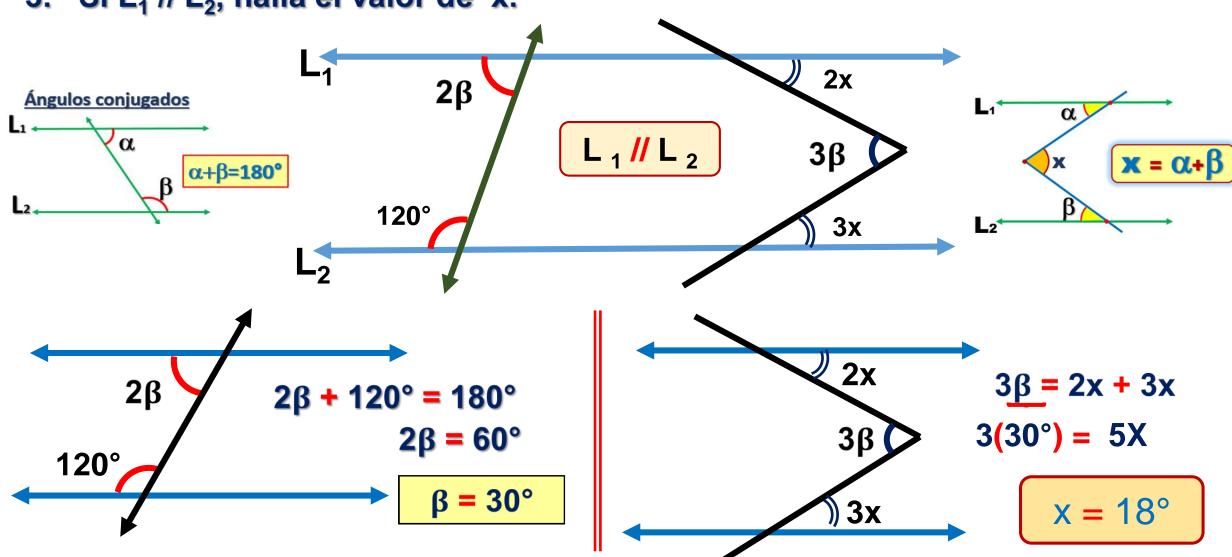


$$3x + 2x = 60^{\circ} + 50^{\circ}$$
  
 $5x = 110^{\circ}$ 

$$x = 22^{\circ}$$

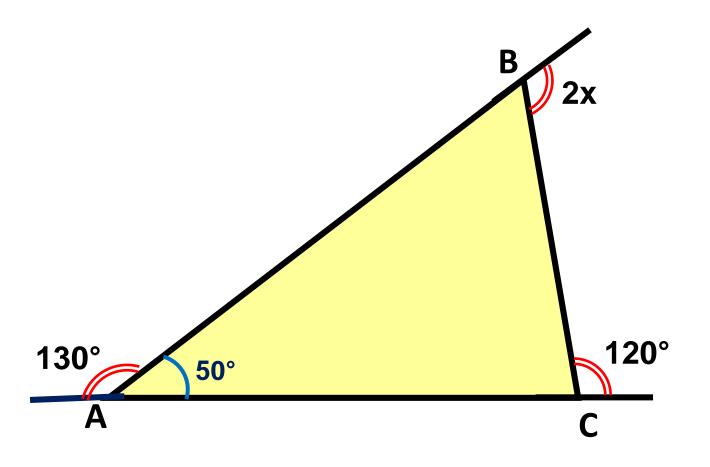


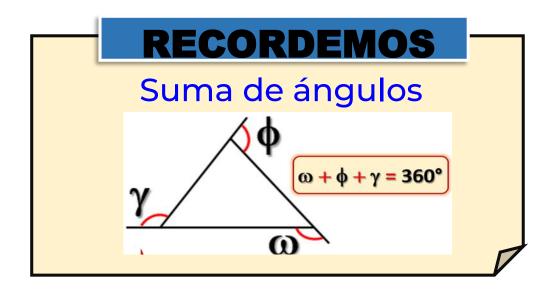
## 3. Si $\overrightarrow{L_1} / / \overrightarrow{L_2}$ , halla el valor de x.





#### 4. En el gráfico, halla el valor de x.



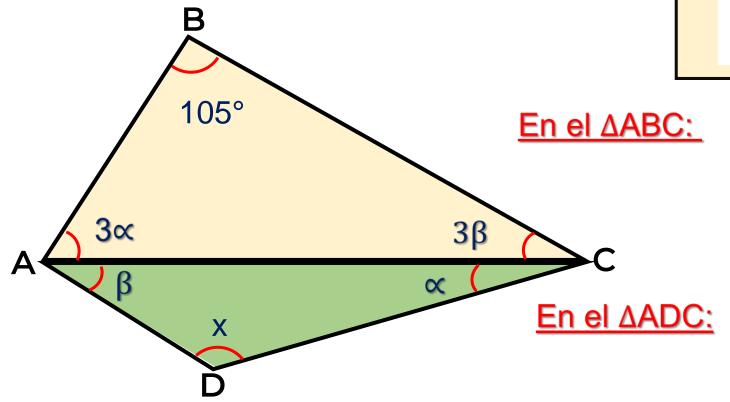


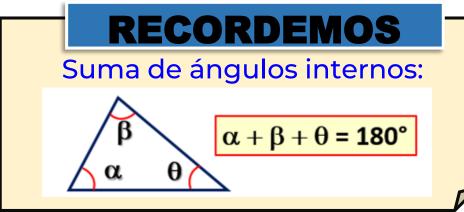
$$2x + 130^{\circ} + 120^{\circ} = 360^{\circ}$$
  
 $2x + 250^{\circ} = 360^{\circ}$   
 $2x = 110^{\circ}$ 

$$x = 55^{\circ}$$



#### 5. En el gráfico, halla el valor de x.





$$3 \propto +3 \beta + 105^{\circ} = 180^{\circ}$$
$$3 \propto +3 \beta = 75^{\circ}$$
$$\propto +\beta = 25^{\circ}$$

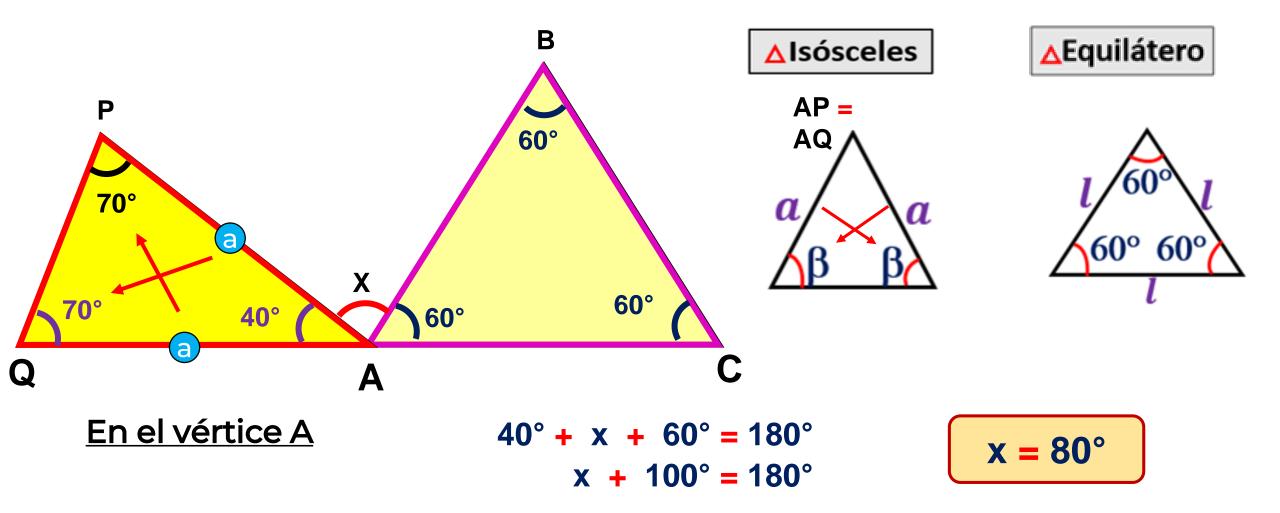
$$\propto + \beta + x = 180^{\circ}$$

$$25^{\circ} + x = 180^{\circ}$$

$$x = 155^{\circ}$$

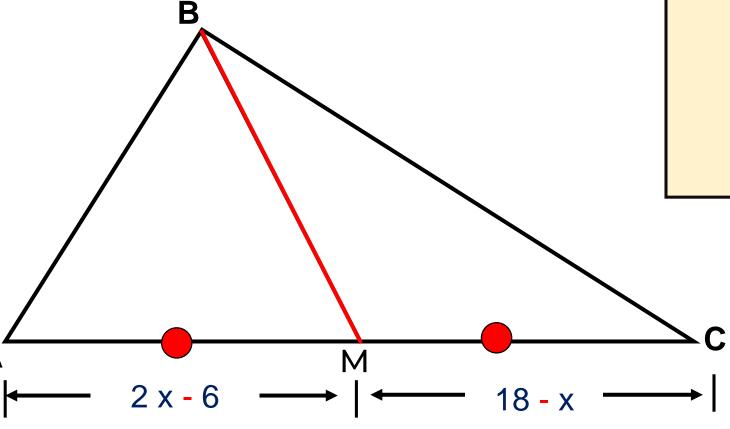


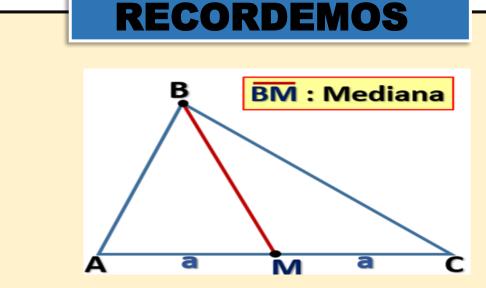
#### 6. Si el triángulo ABC es equilátero y AP = AQ. Halle x





7. Si BM es la mediana relativa AC. Hallar el valor de x





$$AM = MC$$

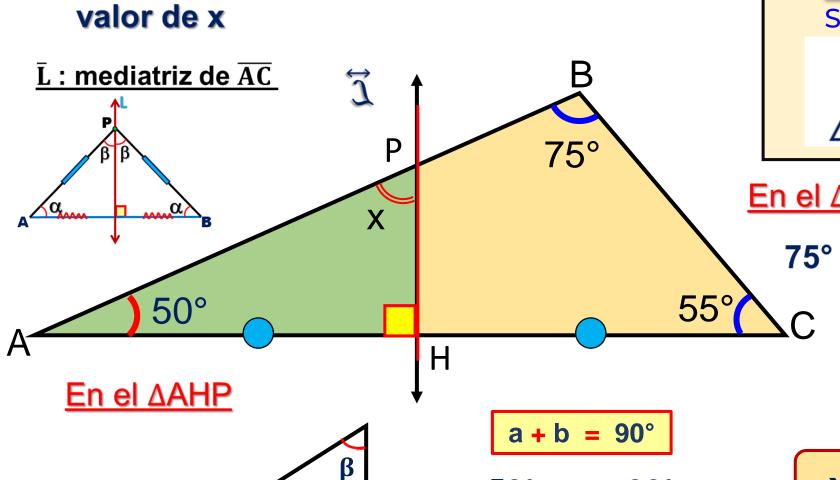
$$2x-6 = 18-x$$

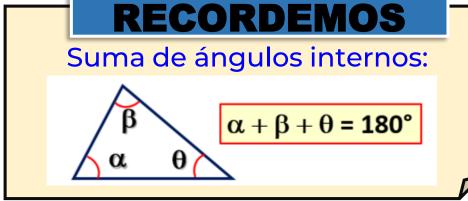
$$3 x = 24$$

$$x = 8$$









#### En el AABC

$$75^{\circ} + 55^{\circ} + m < A = 180^{\circ}$$

$$m \lessdot A = 50^{\circ}$$

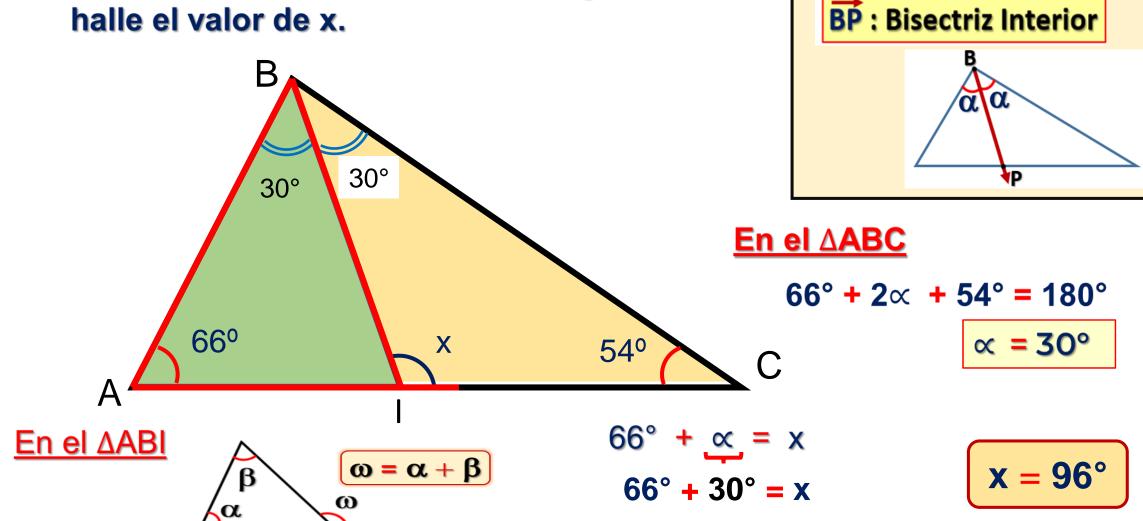
$$50^{\circ} + x = 90^{\circ}$$

$$x = 40^{\circ}$$



RECORDEMO

# 9. Si BI es bisectriz interior del triángulo ABC, halle el valor de x.



10. En la figura se muestra una escalera doble pie, si el ángulo exterior de la base mide 110°, halle el ángulo que mide en la parte superior entre ambos peldaños.

