GEOMETRÍA

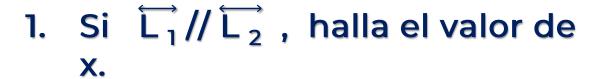
RETROALIMENTAC IÓN

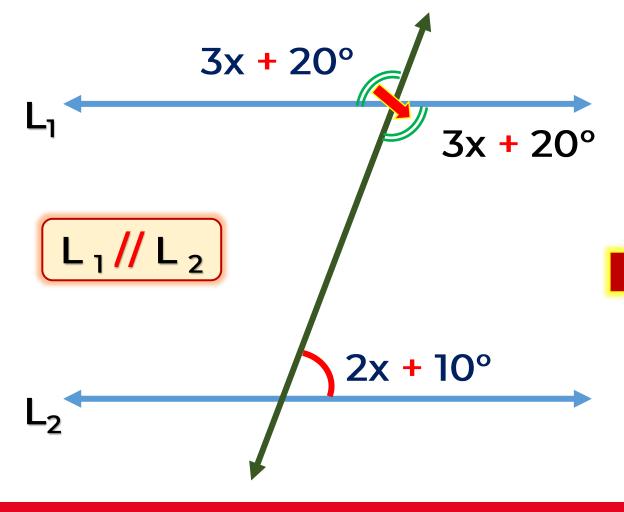
2n SECONDARY d TOMO 2





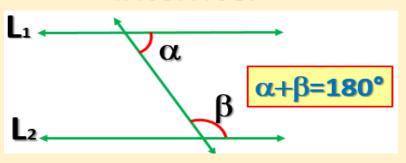






RECORDEMOS

Ángulos conjugados internos:



$$x + 20^{\circ} + 2x + 10^{\circ} = 180^{\circ}$$

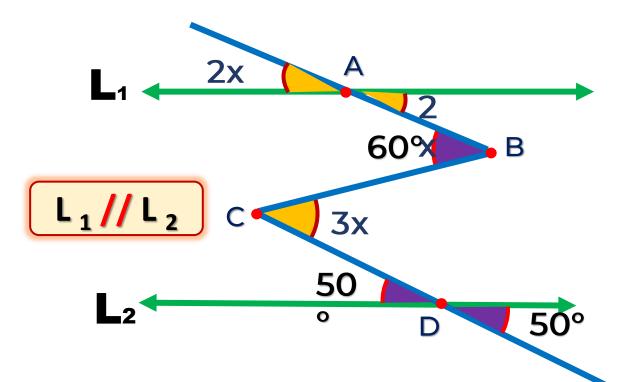
$$5X + 30^{\circ} = 180^{\circ}$$

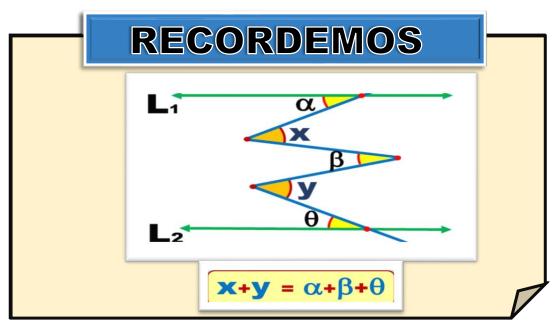
$$5X = 150^{\circ}$$

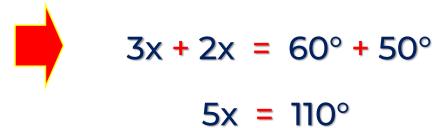
$$x = 30^{\circ}$$



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



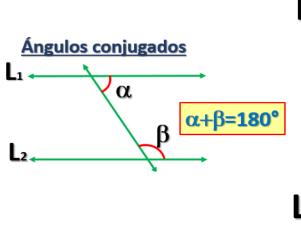


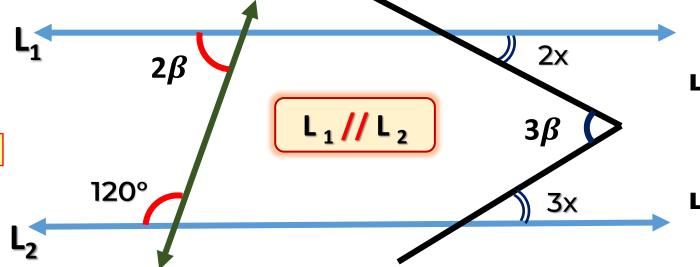


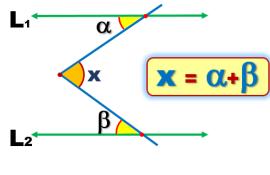


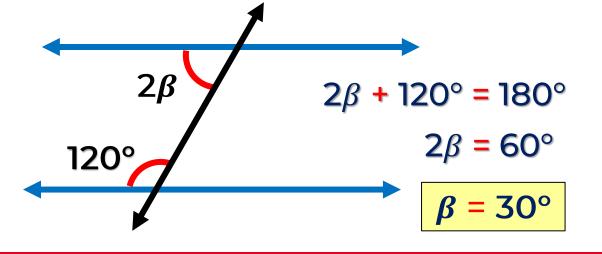


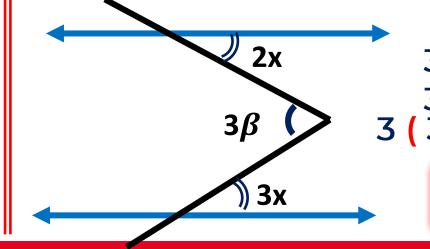


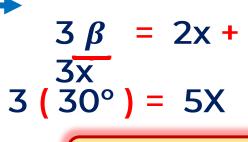








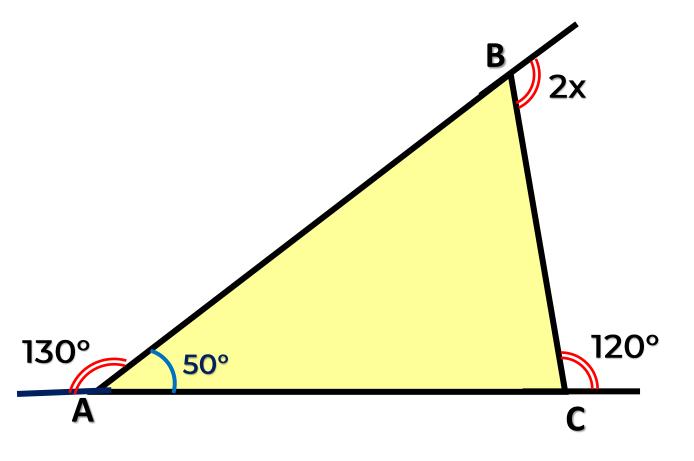




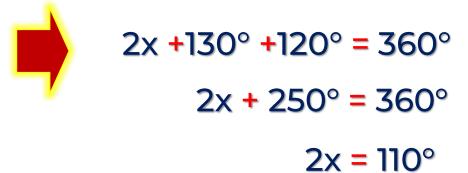


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4. En el gráfico, halla el valor de x.



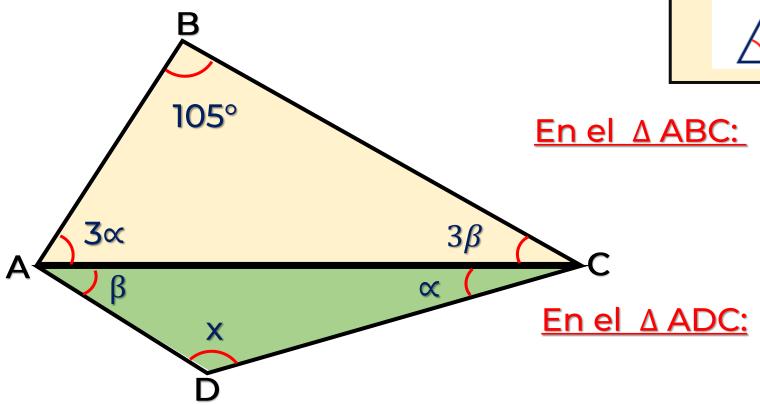


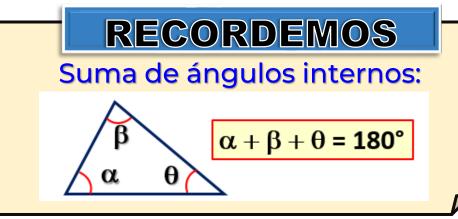




O1

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





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

$$\propto + \beta = 25^{\circ}$$

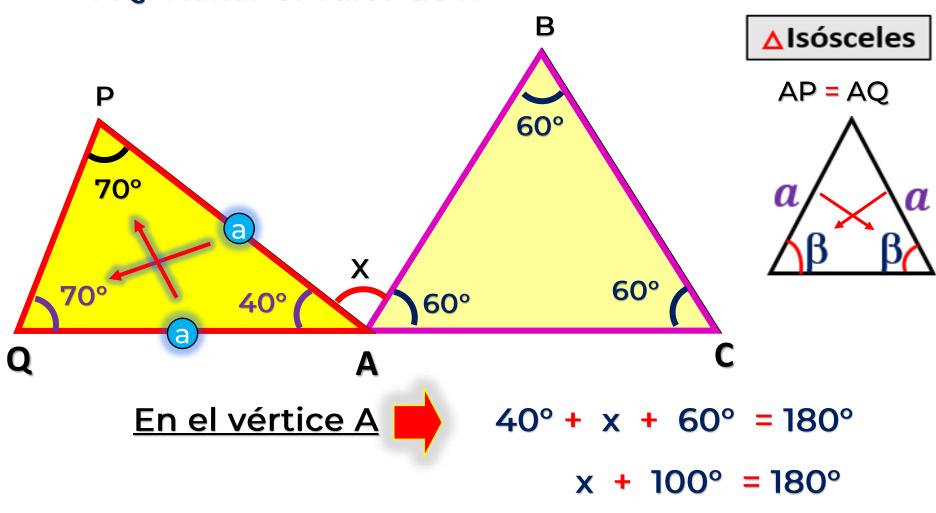
$$\propto + \beta + x = 180^{\circ}$$

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

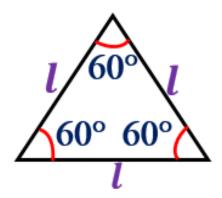
$$x = 155^{\circ}$$



6. Si el triángulo ABC es equilátero y AP = AQ. Hallar el valor de x



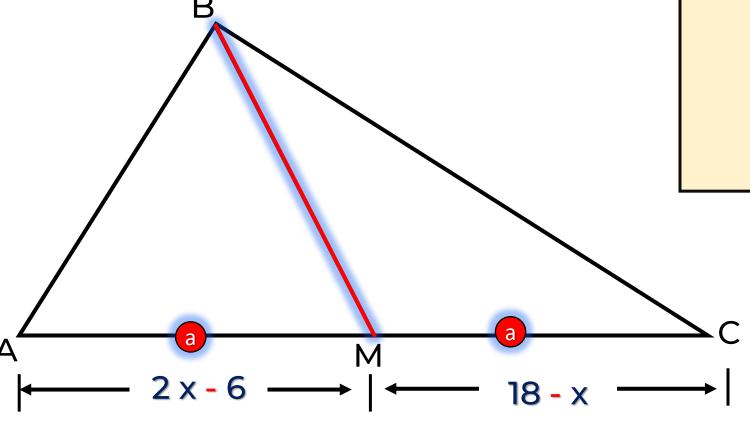
△Equilátero

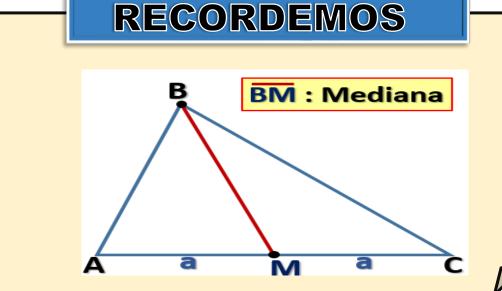














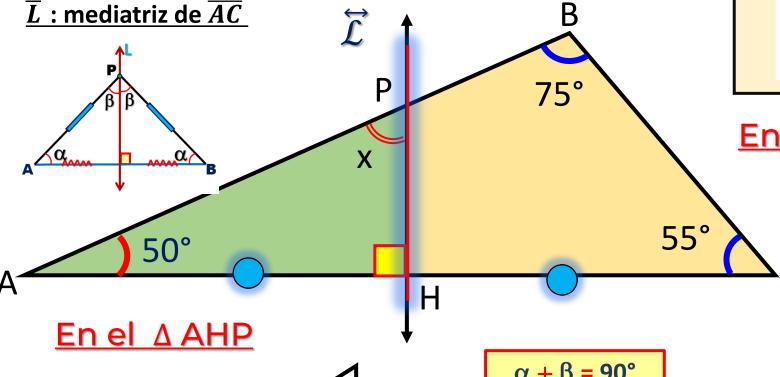
$$2x-6 = 18-x$$

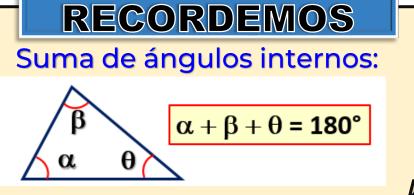
$$3x = 24$$

$$X = 8$$



8. Si $\stackrel{\hookrightarrow}{\mathcal{L}}$ es la mediatriz relativa \overline{AC} . Hallar el valor de x





En el ABC

$$75^{\circ} + 55^{\circ} + m \not A = 180^{\circ}$$

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

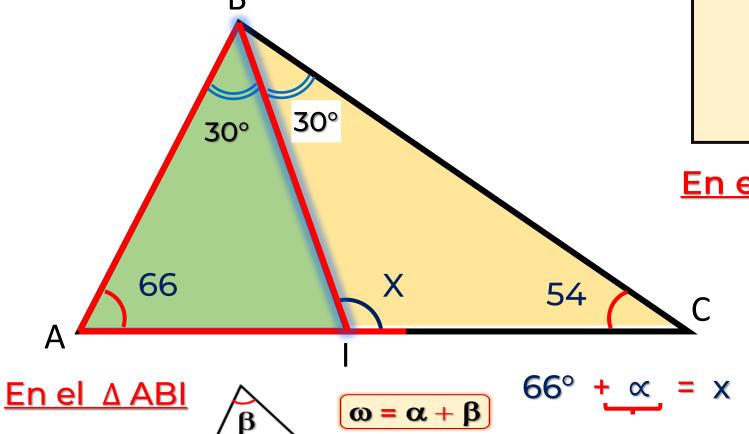
$$\alpha + \beta = 90^{\circ}$$

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

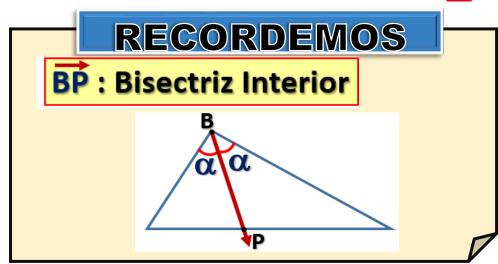
 $x = 40^{\circ}$

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



 ω



En el AABC

$$66^{\circ} + 2 \propto + 54^{\circ} = 180^{\circ}$$

$$\propto = 30^{\circ}$$

$$66^{\circ} + 30^{\circ} = x$$





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

