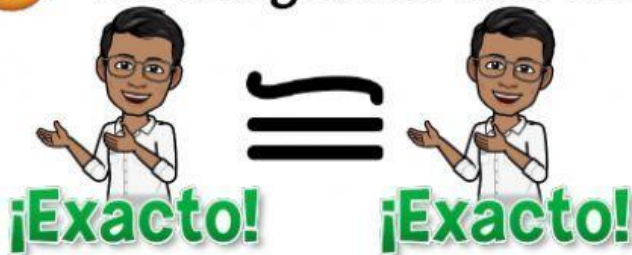




Congruencia de triángulos



Lee los siguientes criterios de congruencia de triángulos.

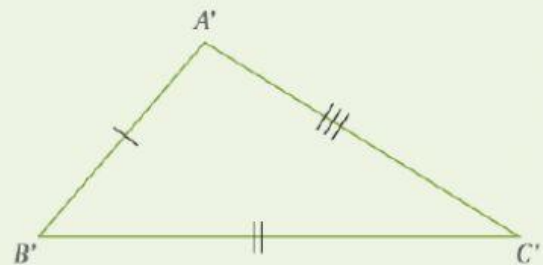
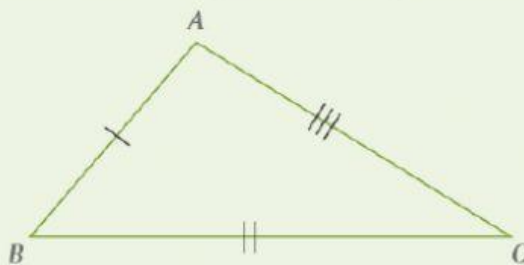


MATES



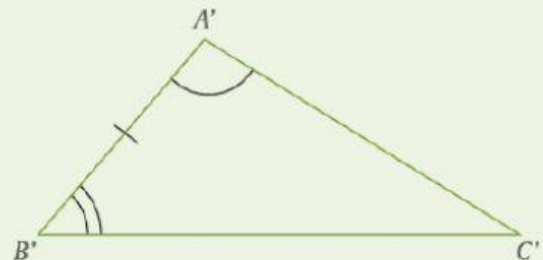
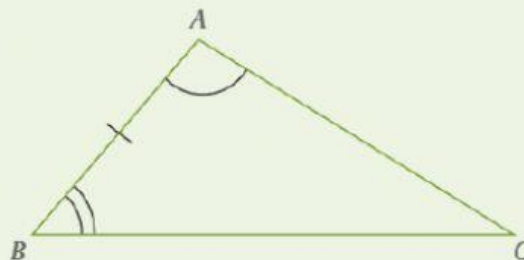
Criterio LADO-LADO-LADO (LLL)

Si los tres lados de un triángulo son respectivamente iguales a los tres lados de otro, entonces los triángulos son congruentes.



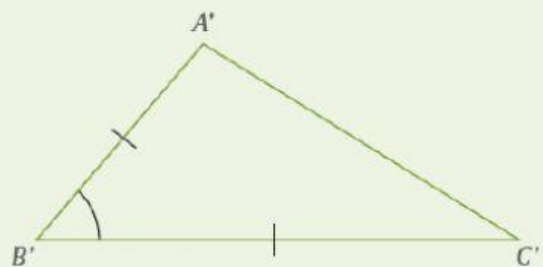
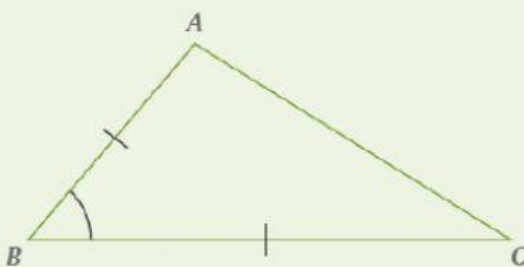
Criterio ÁNGULO-LADO-ÁNGULO (ALA)

Si dos ángulos de un triángulo y el lado comprendido entre ellos son respectivamente iguales a dos ángulos y el lado comprendido entre ellos de otro triángulo, entonces los triángulos son congruentes.



Criterio LADO-ÁNGULO-LADO (LAL)

Si dos lados de un triángulo y el ángulo que forman son respectivamente iguales a dos lados y el ángulo que forman de otro triángulo, entonces los triángulos son congruentes.

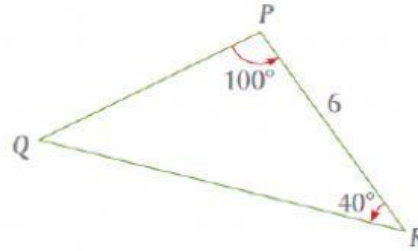
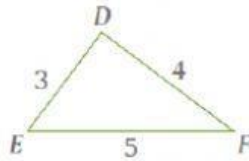
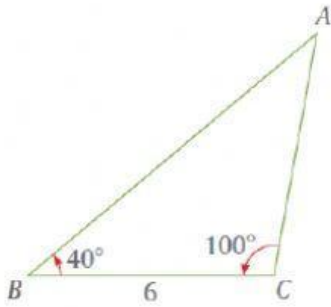
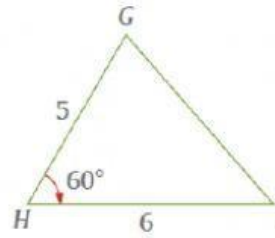
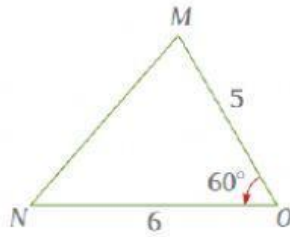
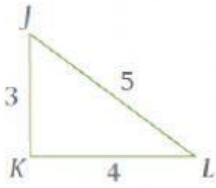




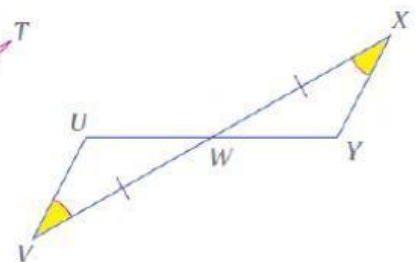
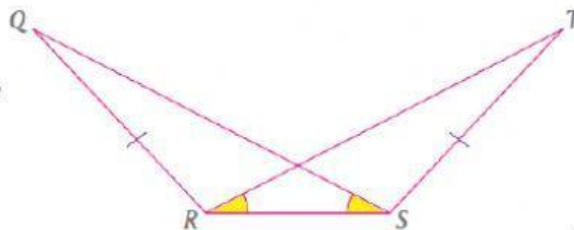
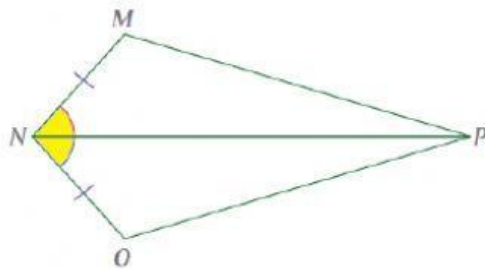
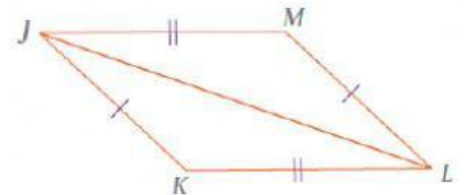
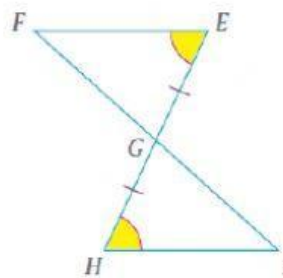
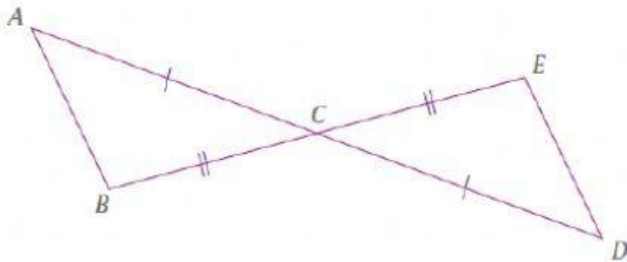
Observa los siguientes triángulos y une con una línea el par que corresponda a cada criterio de congruencia



A TRABAJAR



Elige el criterio de congruencia que se aplico en cada par de triángulos.

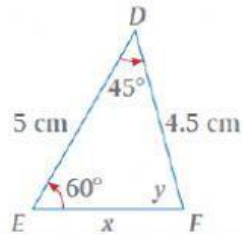
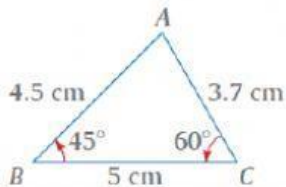




Analicen los siguientes pares de figuras y calculen los valores de "x" y de "y"

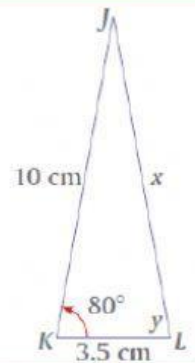
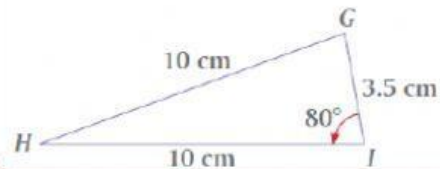
$x = \underline{\hspace{2cm}}$

$y = \underline{\hspace{2cm}}$



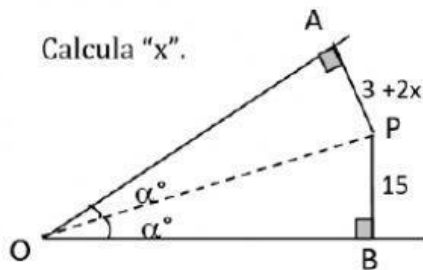
$x = \underline{\hspace{2cm}}$

$y = \underline{\hspace{2cm}}$



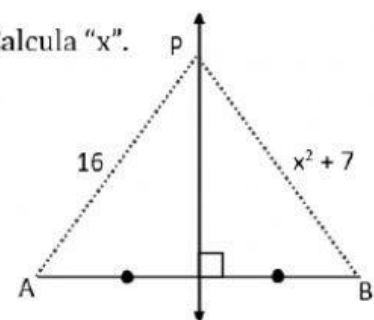
$x = \underline{\hspace{2cm}}$

Calcula "x".

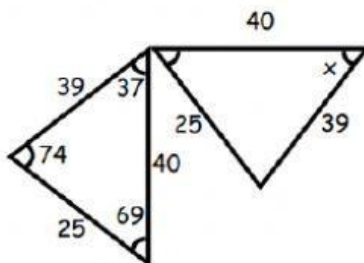


Calcula "x".

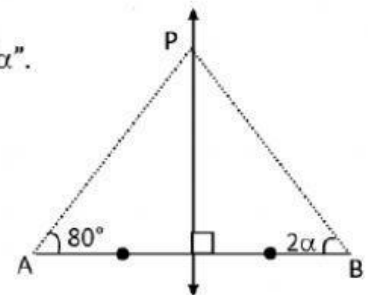
$x = \underline{\hspace{2cm}}$



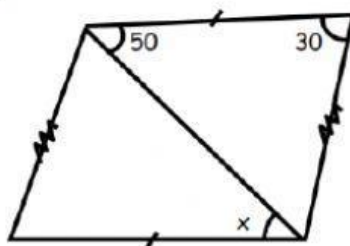
Calcular "x"



Halla "alpha".



Calcular "x"



Calcular "x"

