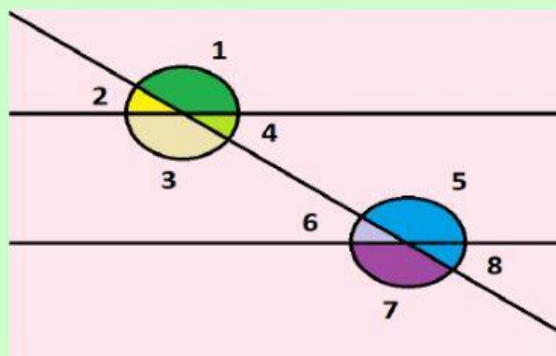


ÁNGULOS ENTRE PARALELAS CORTADAS POR UNA SECANTE

Cuando tenemos un par de líneas paralelas, cortada por una transversal, nos forma diversos ángulos.



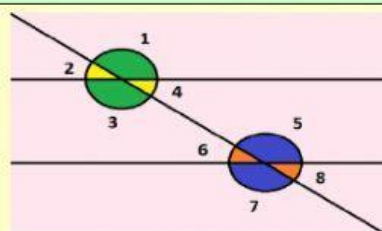
Ángulos opuestos por el vértice.

$$\angle 1 = \angle 3$$

$$\angle 2 = \angle 4$$

$$\angle 5 = \angle 7$$

$$\angle 6 = \angle 8$$



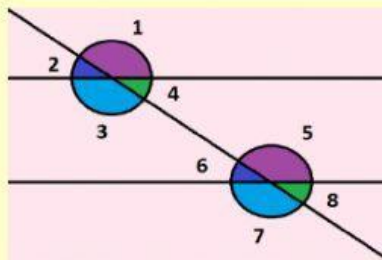
Ángulos correspondientes.

$$\angle 1 = \angle 5$$

$$\angle 2 = \angle 6$$

$$\angle 3 = \angle 7$$

$$\angle 4 = \angle 8$$



Ángulos colaterales internos.

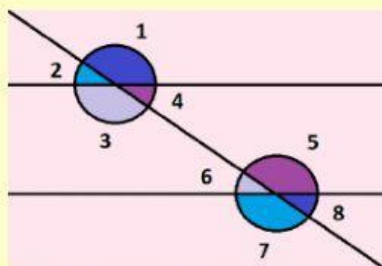
$$\angle 4 + \angle 5 = 180^\circ$$

$$\angle 3 + \angle 6 = 180^\circ$$

Ángulos colaterales externos.

$$\angle 1 + \angle 8 = 180^\circ$$

$$\angle 2 + \angle 7 = 180^\circ$$



Ángulos alternos internos.

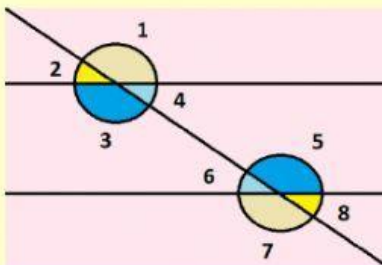
$$\angle 3 = \angle 5$$

$$\angle 4 = \angle 6$$

Ángulos alternos externos.

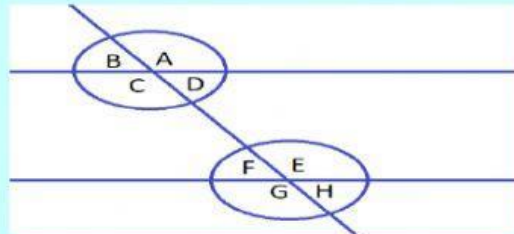
$$\angle 1 = \angle 7$$

$$\angle 2 = \angle 8$$

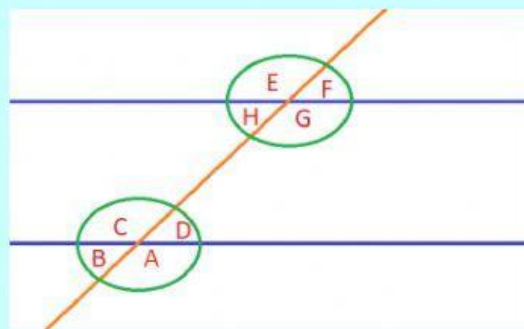




A continuación se muestra una imagen, en seguida aparecen unos ángulos, escribe el nombre de que ángulos estamos trabajando.

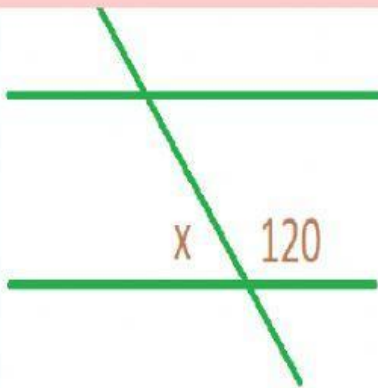


$\angle F = \angle H$	
$\angle B = \angle F$	
$\angle D + \angle E = 180^\circ$	
$\angle D = \angle F$	
$\angle A = \angle C$	
$\angle C = \angle G$	
$\angle B = \angle D$	
$\angle B + \angle G = 180^\circ$	
$\angle C = \angle E$	
$\angle D = \angle H$	
$\angle E = \angle G$	
$\angle C + \angle F = 180^\circ$	
$\angle A = \angle E$	
$\angle A + \angle H = 180^\circ$	

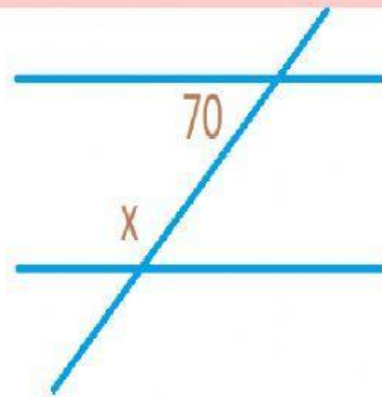


$\angle D = \angle B$	
$\angle E = \angle C$	
$\angle H + \angle C = 180^\circ$	
$\angle F = \angle H$	
$\angle H = \angle B$	
$\angle C = \angle G$	
$\angle E = \angle A$	
$\angle E + \angle B = 180^\circ$	
$\angle F = \angle B$	
$\angle G = \angle A$	
$\angle G = \angle C$	
$\angle F + \angle A = 180^\circ$	
$\angle E = \angle G$	
$\angle G + \angle D = 180^\circ$	

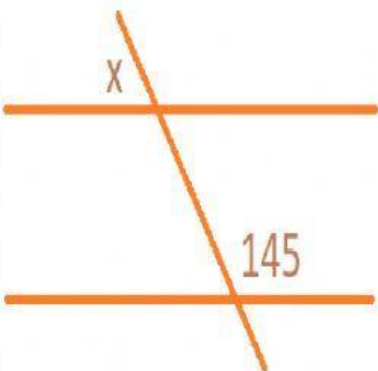
El valor de x es:



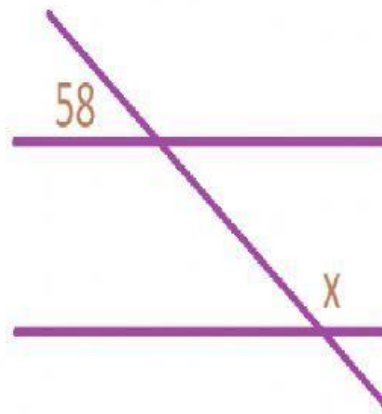
$x =$



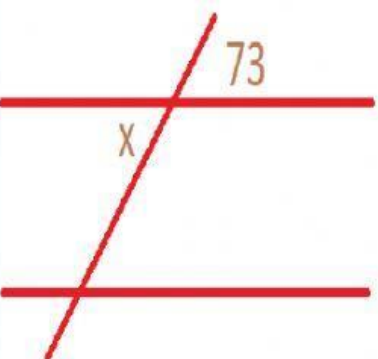
$x =$



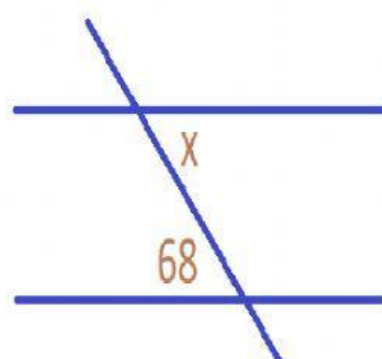
$x =$



$x =$



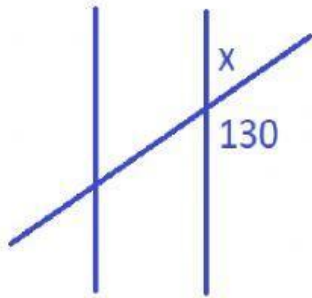
$x =$



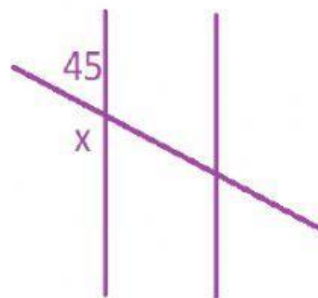
$x =$



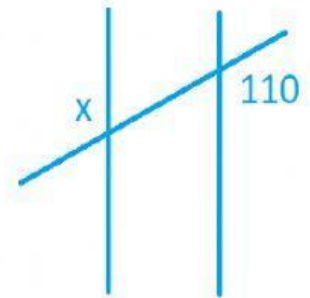
El valor de x es:



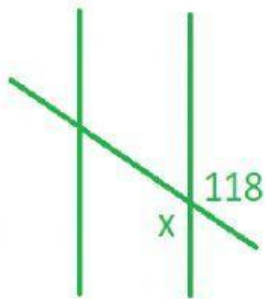
$x =$



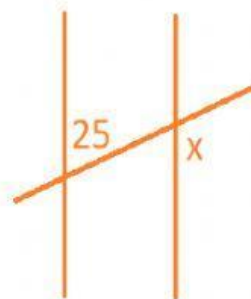
$x =$



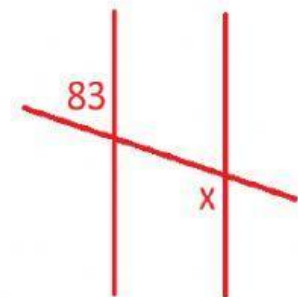
$x =$



$x =$



$x =$



$x =$