
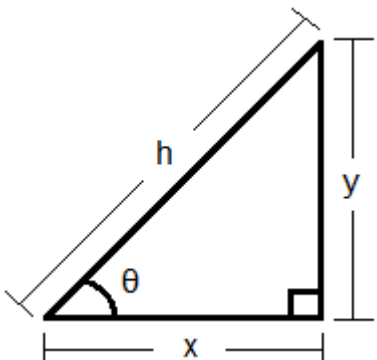
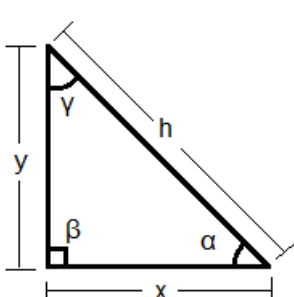
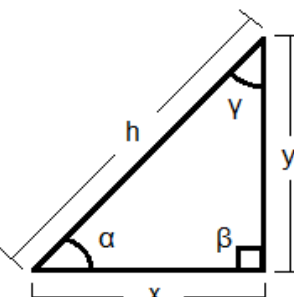
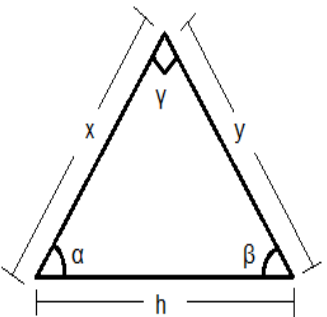
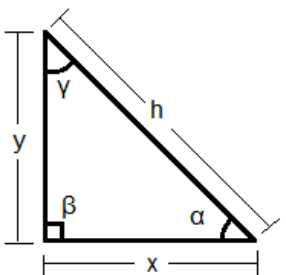
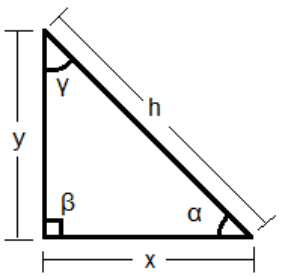
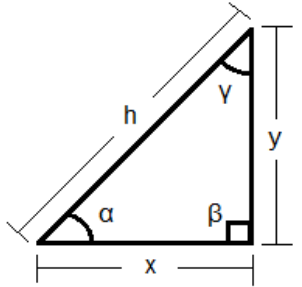
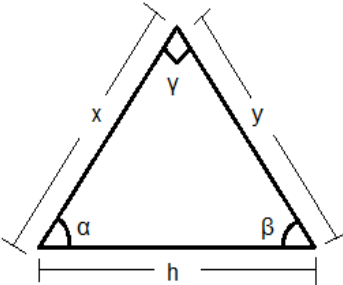
 <p>Institución Educativa "La Esperanza"</p>	INSTITUCIÓN EDUCATIVA LA ESPERANZA		
	ACTIVIDADES DE APOYO MATEMÁTICAS		
	Sección: Bachillerato	Grado:	
	NOMBRE:		

RELACIONES TRIGONOMÉTRICAS INVERSAS EN EL TRIÁNGULO RECTÁNGULO 2

	$\csc^{-1}\left(\frac{h}{y}\right) = \theta$
	$\sec^{-1}\left(\frac{h}{x}\right) = \theta$
	$\cot^{-1}\left(\frac{x}{y}\right) = \theta$

Ejercicios: Completar los siguientes triángulos usando las relaciones anteriores

1.	Datos	
	$y = 13$	
	$h = 5\sqrt{10}$	
	$x = 9$	
	Incógnitas	
	$\alpha =$	
	$\beta =$	
$\gamma =$		
2.	Datos	
	$y = 4$	
	$h = 4\sqrt{17}$	
	$x = 16$	
	Incógnitas	
	$\alpha =$	
	$\beta =$	
$\gamma =$		

3.	Datos	
	$y = 3$	
	$h = 3\sqrt{2}$	
	$x = 3$	
	Incógnitas	
	$\alpha =$	
$\beta =$		
$\gamma =$		
4.	Datos	
	$y = 4$	
	$h = 4\sqrt{10}$	
	$x = 12$	
	Incógnitas	
	$\alpha =$	
$\beta =$		
$\gamma =$		
5.	Datos	
	$y = 2$	
	$h = \sqrt{53}$	
	$x = 7$	
	Incógnitas	
	$\alpha =$	
$\beta =$		
$\gamma =$		
6.	Datos	
	$y = 7$	
	$h = 5\sqrt{2}$	
	$x = 1$	
	Incógnitas	
	$\alpha =$	
$\beta =$		
$\gamma =$		
7.	Datos	
	$y = 4$	
	$h = \sqrt{41}$	
	$x = 5$	
	Incógnitas	
	$\alpha =$	
$\beta =$		
$\gamma =$		