
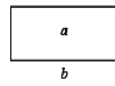
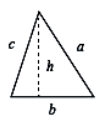
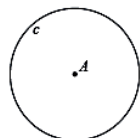
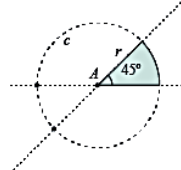
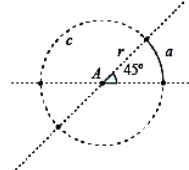
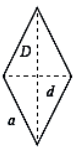
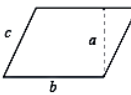
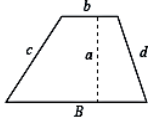
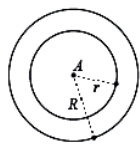
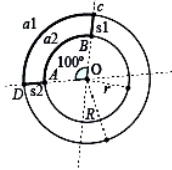
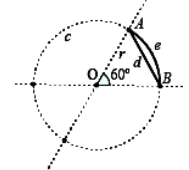
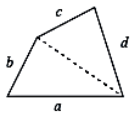
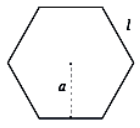
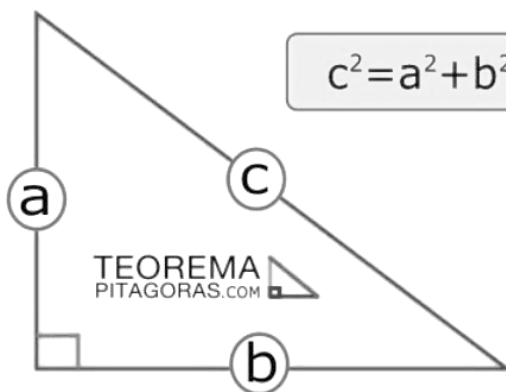
	INSTITUCIÓN EDUCATIVA LA PRESENTACIÓN					
	NOMBRE ALUMNA:					
	ÁREA / ASIGNATURA: Geometría					
	DOCENTE: David Mauricio Aguirre V.					
PERIODO	TIPO GUÍA	GRADO	Nº	FECHA	DURACIÓN	
1	Conducta de Entrada	9	1	Enero 2022	2 Unid.	

TEMÁTICAS

RESUMEN DE FÓRMULAS DE ÁREAS Y PERÍMETROS DE FIGURAS PLANAS

CUADRADO	RECTÁNGULO	TRIÁNGULO	CÍRCULO	SECTOR CIRCULAR	ARCO CIRCULAR
 $A = l^2$ $P = 4l$	 $A = b \cdot a$ $P = 2(a+b)$	 $A = \frac{b \cdot h}{2}$ $P = a+b+c$	 $A = \pi \cdot r^2$ $L = 2 \cdot \pi \cdot r$	 $A = \frac{\pi \cdot r^2 \cdot \alpha}{360^\circ}$	 $L = \frac{2 \cdot \pi \cdot r \cdot \alpha}{360^\circ}$
ROMBO	ROMBOIDE	TRAPECIO	CORONA CIRCULAR	TRAPECIO CIRCULAR	SEGMENTO CIRCULAR
 $A = \frac{D \cdot d}{2}$ $P = 4a$	 $A = b \cdot a$ $P = 2(b+c)$	 $A = \frac{B+b}{2} \cdot a$ $P = B+c+d+b$	 $A = \pi \cdot (R^2 - r^2)$	 $A = \frac{\pi \cdot (R^2 - r^2) \cdot \alpha}{360^\circ}$	 $A = \frac{\pi \cdot r^2 \cdot \alpha}{360} - A_{m}$ <small>Área del segmento circular AOB menos el área del triángulo AOB</small>
TRAPEZOIDE	POLÍGONO REGULAR				
 $A = \text{Suma de las áreas de los 2 triángulos.}$ $P = a+b+c+d$	 $A = \frac{P \cdot a}{2}$ $P = n \cdot l$				

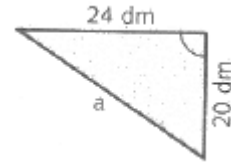
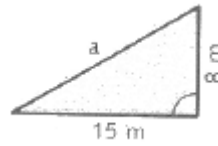
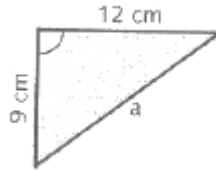
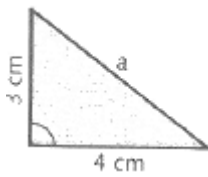
Fórmulas del teorema de Pitágoras



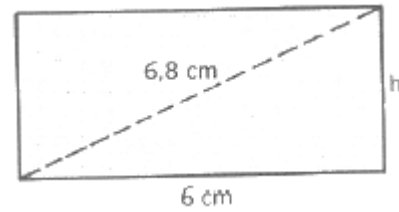
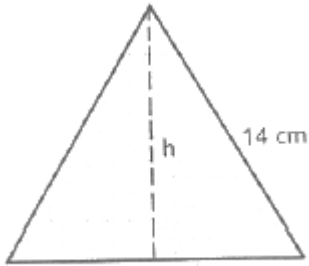
$$c^2 = a^2 + b^2$$

$$\begin{cases} c = \sqrt{a^2 + b^2} & \dots(1) \\ a = \sqrt{c^2 - b^2} & \dots(2) \\ b = \sqrt{c^2 - a^2} & \dots(3) \end{cases}$$

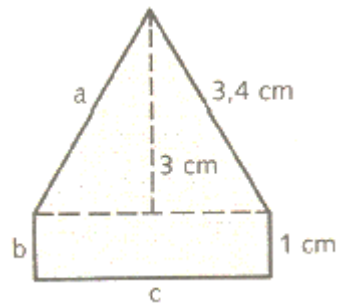
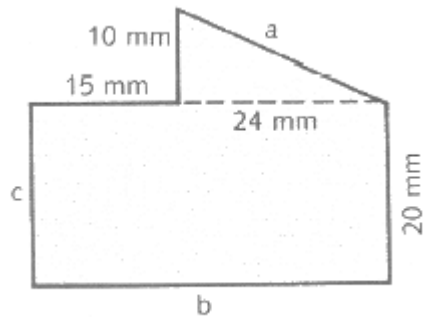
1. En los triángulos siguientes hallar el perímetro y el área



2. Halla el área y el perímetro del triángulo equilátero, rombo y rectángulo siguientes:

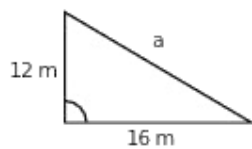


3. Hallar el área y el perímetro de las siguientes figuras:

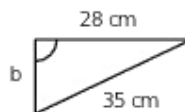


4. Usa el teorema de Pitágoras para hallar lo solicitado:

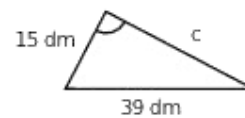
Calcula en cada triángulo rectángulo el lado que falta.



a =



b =



c =

No dejes las cosas a la suerte, quien planifica puede alcanzar sus sueños