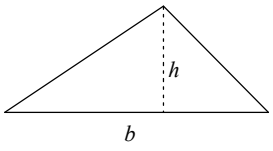
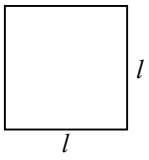
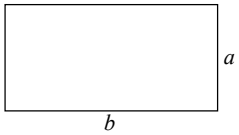
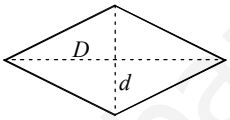
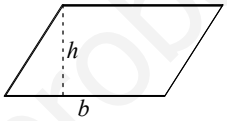
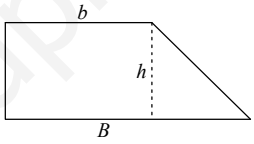
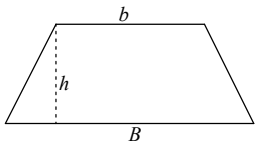
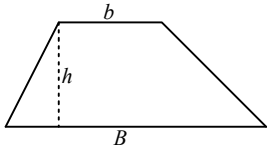
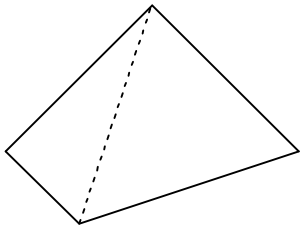
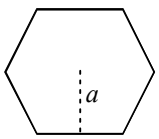
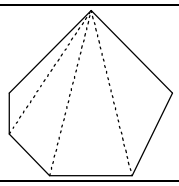
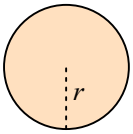
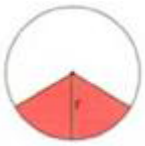
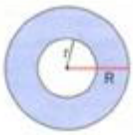
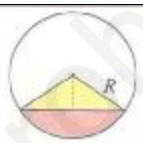
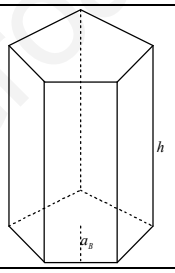
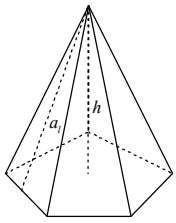
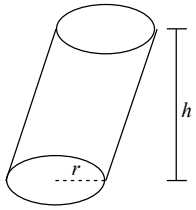
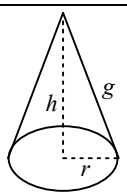
ÁREAS Y VOLÚMENES

			NOMBRE	FORMA	ÁREA
ÁREAS DE FIGURAS PLANAS	**TRIÁNGULOS** (Polígonos de 3 lados)		Triángulo		$A = \frac{b \cdot h}{2}$
	CUADRILÁTEROS (Polígonos de cuatro lados)	**CUADRILÁTEROS** (Tienen los lados paralelos dos a dos)	Cuadrado		$A = l \cdot l = l^2$
			Rectángulo		$A = b \cdot a$
			Rombo		$A = \frac{D \cdot d}{2}$
			Romboide		$A = b \cdot h$
		TRAPECIOS (Tienen dos lados paralelos)	Trapecio rectángulo		$A = \frac{(B+b) \cdot h}{2}$
			Trapecio isósceles		
			Trapecio escaleno		
		TRAPEZOIDES	Trapezoide		Se divide en dos triángulos y se suman sus áreas
	POLÍGONOS DE n LADOS		Polígono regular		$A = \frac{p \cdot a}{2}$ p = perímetro a = apotema
			Polígono irregular		Se descompone en triángulos y se suman sus áreas

ÁREAS Y VOLÚMENES

ÁREAS	**FIGURAS CURVILÍNEAS**	Circunferencia		$L = 2 \cdot \pi \cdot r$
		Círculo		$A = \pi \cdot r^2$
		Sector circular		$A = \frac{\pi \cdot r^2 \cdot n^o}{360^o}$ n^o = número de grados
		Corona circular		$A = \pi R^2 - \pi r^2$
		Trapecio circular		$A = \frac{\pi \cdot \left(R^2 - r^2\right) \cdot n^o}{360^o}$
		Segmento circular		$A = A_{sector} - A_{triángulo}$

		NOMBRE	FORMA	ÁREAS	VOLUMEN
ÁREAS Y VOLÚMENES DE CUERPOS GEOMÉTRICOS	**POLIEDROS** (Cuerpos geométricos limitados por polígonos)	PRISMA		$= p_B \cdot h$ = perímetro base $= \frac{\cdot}{2}$ = apotema base $= A_L + 2A$	$V = A_B \cdot h$
		PIRÁMIDE		$A_{TRIANG.} = \frac{l_B \cdot a_l}{2}$ a_l = apotema lateral l_B = lado base $= \frac{\cdot}{2}$ $= A_L + 2A$	$V = \frac{A_B \cdot h}{3}$
	CUERPOS DE REVOLUCIÓN (Cuerpos que se obtienen al girar una figura plana)	CILINDRO		$= 2\pi r \cdot h$ h = altura $= \pi \cdot$ $= A_L + 2A$	$V = A_B \cdot h$
		CONO		$= \pi \cdot r \cdot$ g = generatriz $= \pi \cdot$ $= A_L +$	$V = \frac{A_B \cdot h}{3}$