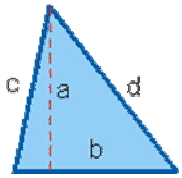
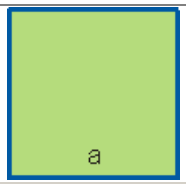
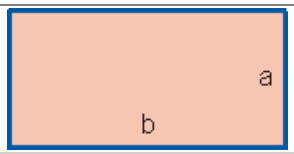
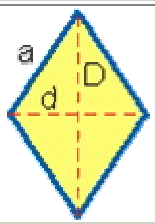
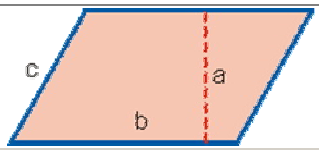
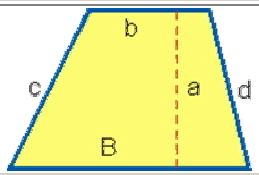
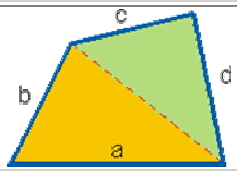
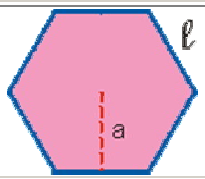
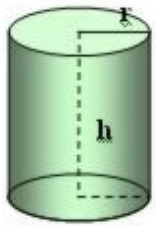
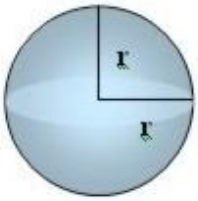
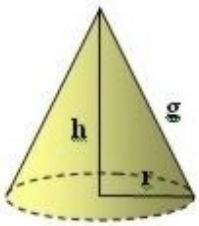
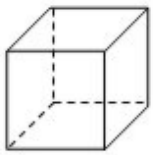
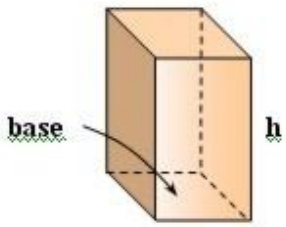
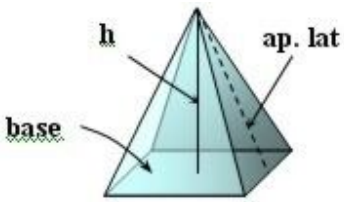
Perímetros y áreas de los polígonos

Nombre	Dibujo	Perímetro Suma de los lados	Área
Triángulo		$P = b + c + d$	$A = \frac{b \cdot a}{2}$
Cuadrado		$P = 4 \cdot a$	$A = a^2$
Rectángulo		$P = 2(b + a)$	$A = b \cdot a$
Rombo		$P = 4 \cdot a$	$A = \frac{D \cdot d}{2}$
Romboide		$P = 2(b + c)$	$A = b \cdot a$
Trapecio		$P = B + c + b + d$	$A = \frac{B + b}{2} \cdot a$
Trapezoide		$P = a + b + c + d$	A = Suma de las áreas de los dos triángulos
Polígono regular		$P = n\ell$	$A = \frac{1}{2} P \cdot a$

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Fórmulas de área y volumen de cuerpos geométricos

Figura	Esquema	Área	Volumen
Cilindro		$A_{total} = 2\pi r\ (\ h + r\ )$	$V = \pi\ r^2 \cdot h$
Esfera		$A_{total} = 4\pi\ r^2$	$V = \frac{4}{3}\pi r^3$
Cono		$A_{total} = \pi\ r^2 + \pi\ r\ g$	$V = \frac{\pi r^2 h}{3}$
Cubo		$A = 6\ a^2$	$V = a^3$
Prisma		**A = (perim.base × h) + 2 · area base**	**V = área base × h**
Pirámide		$A = \frac{\text{perim.base} \times \text{ap.lat}}{2} + \text{area base}$	$V = \frac{\text{area base} \times h}{3}$