

# ÁREA DE CUERPOS GEOMÉTRICOS

CUERPO GEOMÉTRICO

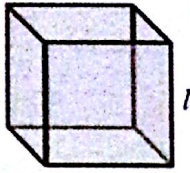
FIGURA

ÁREA LATERAL

ÁREA DE LA BASE

ÁREA TOTAL

CUBO



$$A_L = P \times \text{altura}$$

$$A_L = 4l^2$$

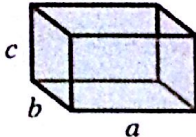
Cuadrado

$$A_B = l^2$$

$$A_T = A_L + 2A_B$$

$$A_T = 4l^2 + 2l^2 = 6l^2$$

ORTOEDRO



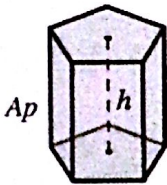
$$A_L = P \times \text{altura}$$

Rectángulo

$$A_B = a \times b$$

$$A_T = 2(b \cdot a + a \cdot c + c \cdot b)$$

PRISMA



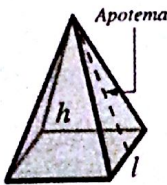
$$A_L = P \times h$$

Pentágono

$$A_B = \frac{P \times \text{apotema}}{2}$$

$$A_T = A_L + 2A_B$$

PIRÁMIDE



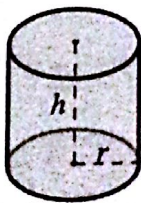
$$A_L = \frac{P \times \text{apotema}}{2}$$

Cuadrado

$$A_B = l^2$$

$$A_T = A_L + A_B$$

CIINDRO



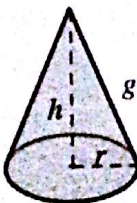
$$A_L = 2\pi r \times h$$

Círculo

$$A_B = \pi \times r^2$$

$$A_T = A_L + 2A_B$$

CONO



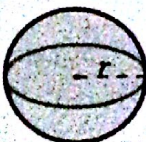
$$A_L = \pi \times r \times g$$

Círculo

$$A_B = \pi \times r^2$$

$$A_T = A_L + A_B$$

ESFERA



$$A_T = 4\pi r^2$$