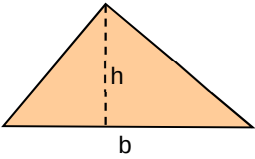
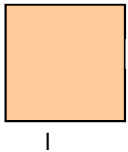
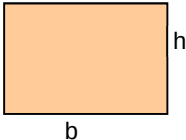
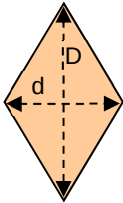
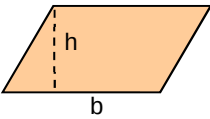
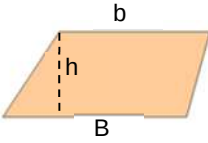
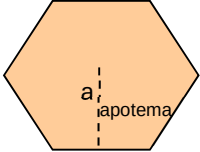
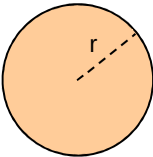
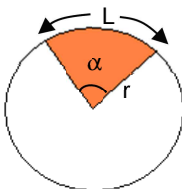
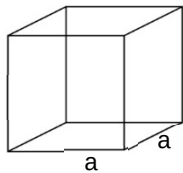
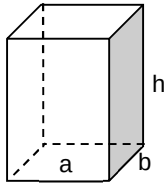
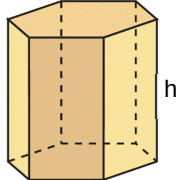
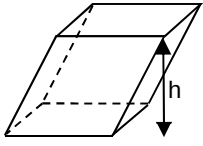
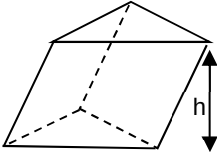
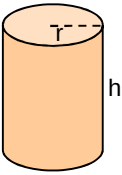
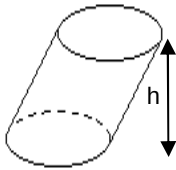
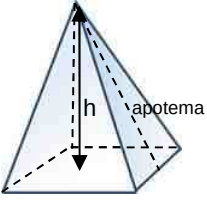
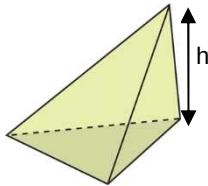
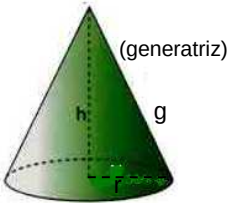
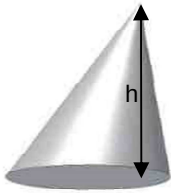
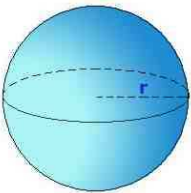


ÁREAS y VOLÚMENES 2º y 3º ESO

ÁREAS	Triángulo:  $A = \frac{b \cdot h}{2}$	Cuadrado:  $A = l^2$
	Rectángulo:  $A = b \cdot h$	Rombo:  $A = \frac{D \cdot d}{2}$ (semiproducto de las diagonales)
	Paralelogramo: (Romboide ¹)  $A = b \cdot h$	Trapezio:  $A = \frac{B + b}{2} \cdot h$ (semisuma de las bases por altura)
	Polígonos regulares:  $A = \frac{p \cdot a}{2}$ (semiproducto de perímetro y apotema)	
	Circunferencia:  $\text{Área} = \pi r^2$ $\text{Longitud} = 2 \pi r$	Sector circular:  área: $A = \frac{\pi r^2 \alpha}{360}$ longitud del arco: $L = \frac{2 \pi r \alpha}{360}$
	Prismas:	
VOLÚMENES	 CUBO (Hexaedro regular) $V = a^3$  PRISMA CUADRANGULAR RECTO (ORTOEDRO) $V = a \cdot b \cdot h$  PRISMA HEXAGONAL RECTO	
	 PRISMA CUADRANGULAR OBLICUO PARALELEPÍPEDO  PRISMA TRIANGULAR OBLICUO $V = A_{\text{base}} \cdot h$ $A = A_{\text{lateral}} + 2 \cdot A_{\text{base}}$	

VOLÚMENES	Cilindros:	
	 CILINDRO (CIRCULAR) RECTO $V = A_{\text{base}} \cdot h = \pi r^2 h$ $A = A_{\text{lateral}} + 2 \cdot A_{\text{base}} = 2\pi rh + 2\pi r^2$	 CILINDRO OBLICUO $V = A_{\text{base}} \cdot h$ (La base puede ser un círculo o una elipse) $A = A_{\text{lateral}} + 2 \cdot A_{\text{base}}$
	Pirámides:	
	 PIRÁMIDE CUADRANGULAR RECTA	 PIRÁMIDE TRIANGULAR OBLICUA (TETRAEDRO) $V = \frac{1}{3} A_{\text{base}} \cdot h$ $A = A_{\text{lateral}} + A_{\text{base}}$
	Conos:	
	 CONO (CIRCULAR) RECTO $V = \frac{1}{3} A_{\text{base}} \cdot h = \frac{1}{3} \pi r^2 h$ $A = A_{\text{lateral}} + A_{\text{base}} = \pi rg + \pi r^2$	 CONO OBLICUO $V = \frac{1}{3} A_{\text{base}} \cdot h$ (La base puede ser un círculo o una elipse) $A = A_{\text{lateral}} + A_{\text{base}}$
	Esfera:	
		$V = \frac{4}{3} \pi r^3$ $A = 4 \pi r^2$