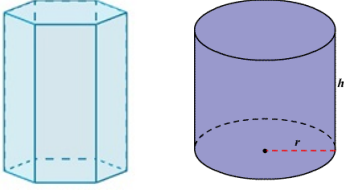
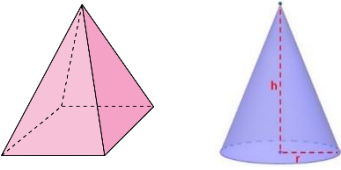
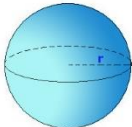
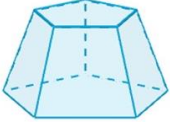
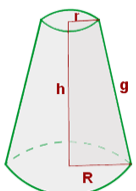

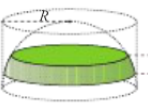
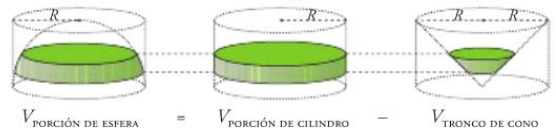


FORMULARIO ÁREAS Y VOLÚMENES CUERPOS GEOMÉTRICOS

Cuerpo geométrico	Área	Volumen
Prisma regular y cilindro 	$A_{total} = A_{bases} + A_{lateral}$ Cilindro: $A_{lateral} = 2\pi rh$	$V_{total} = A_{base} \cdot h$
Pirámide y Cono 	$A_{total} = A_{base} + A_{lateral}$ Pirámide: $A_{total} = A_{base} + A_{lateral}$ Cono: $A_{total} = \pi r^2 + \pi rg$	$V_{total} = \frac{1}{3} A_{base} \cdot h$
Esfera 	$A = 4\pi r^2$	$V = \frac{4}{3} \pi r^3$
Tronco de pirámide 	$A_{total} = A_{bases} + A_{lateral}$	$V_{total} = V_{mayor} - V_{menor}$ V_{mayor} : pirámide completa V_{menor} : pirámide pequeña
Tronco de cono 	$A_{total} = A_{bases} + A_{lateral}$ $A_{lateral} = \pi(R + r) \cdot g$	$V_{total} = V_{mayor} - V_{menor}$ V_{mayor} : cono completo V_{menor} : cono pequeño
Casquete esférico 	$A = 2\pi rh$	$V_{total} = \frac{1}{3} \pi h^2 (3R - h)$ R: radio esfera total
Zona esférica 	$A = 2\pi rh$	 $V_{PORCIÓN DE ESFERA} = V_{PORCIÓN DE CILINDRO} - V_{TRONCO DE CONO}$