

SA & Volume of 3D Shapes

Area (triangle)

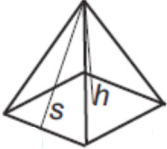
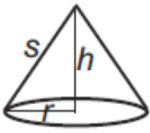
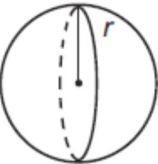

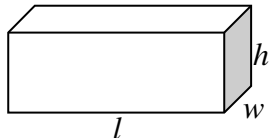
$$A = \frac{bh}{2}$$

Area (circle)

$$A = \pi r^2$$

Circumference (Circle)

$$C = 2\pi r$$

Shape	Surface Area	Volume
	$SA = \frac{Ps}{2} + B$	$V = \frac{Bh}{3}$
	$SA = \pi rs + \pi r^2$	$V = \frac{\pi r^2 h}{3}$
	$SA = 4\pi r^2$	$V = \frac{4\pi r^3}{3}$
	$SA = 2\pi rh + 2\pi r^2$	$V = \pi r^2 h$
	$SA = 2lw + 2lh + 2wh$	$V = lwh$