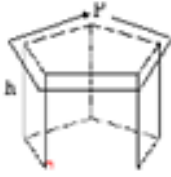

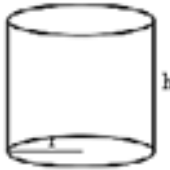






## Surface Area and Volume Formula Sheet

Solid	Area	Volume
Prism 	$L = Ph$ $T = L + 2B$	$V = Bh$
Pyramid 	$L = \frac{1}{2}Pl$ $T = L + 2B$	$V = \frac{1}{3}Bh$
Cylinder 	$L = 2\pi rh$ $T = L + B$ or $T = 2\pi rh + \pi r^2$	$V = Bh$
Cone 	$L = \pi rl$ $T = L + B$ or $T = \pi rl + \pi r^2$	$V = \frac{1}{3}Bh$
Sphere 	$T = 4\pi r^2$	$V = \frac{4}{3}\pi r^3$
	$T = \frac{4\pi r^2}{2} + \pi r^2$	$V = \frac{\frac{4}{3}\pi r^3}{2}$

## KEY

- $L$  - Total Surface Area     $P$  - Perimeter of Base     $V$  - Volume     $l$  - slant height  
 $L$  - Lateral Surface Area     $B$  - Area of Base     $h$  - height     $r$  - radius