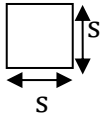
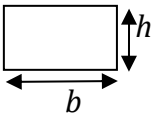
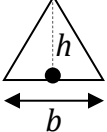
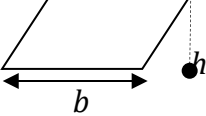
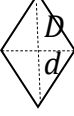
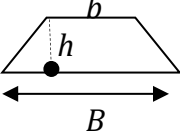
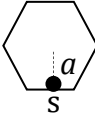
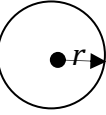
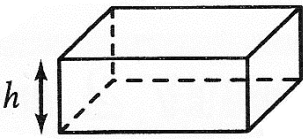
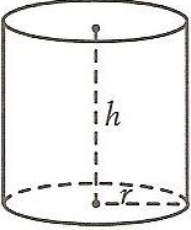
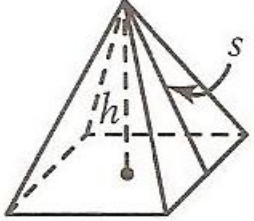
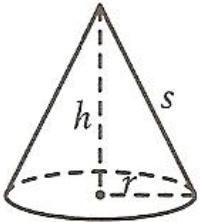
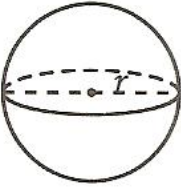



	Square	Rectangle	Triangle	Parallelogram	Rhombus	Trapezoid	Regular Polygon	Circle
SHAPES								
AREA	$A = s \cdot s$ $A = s^2$ s = side	$A = b \cdot h$ b = base h = height	$A = \frac{b \cdot h}{2}$ b = base h = height	$A = b \cdot h$ b = base h = height	$A = \frac{(D \cdot d)}{2}$ D = big diagonal d = small diagonal	$A = \frac{(B + b) \cdot h}{2}$ B = big base b = small base h = height	$A = \frac{san}{2}$ s = side a = apothem n = # of sides	$A = \pi r^2$ r = radius

	Prism	Cylinder	Pyramid	Cone	Sphere	Hemisphere
SOLIDS						
TOTAL AREA	$A_T = A_L + 2A_B$ $A_T = P_B \cdot h + 2A_B$	$A_T = A_L + 2A_B$ $A_T = 2\pi r \cdot h + 2 \cdot \pi r^2$	$A_T = A_L + A_B$ $A_T = \frac{P_B \cdot s}{2} + A_B$	$A_T = A_L + A_B$ $A_T = \pi r \cdot s + \pi r^2$	$A_T = 4\pi r^2$ $A_L = 4\pi r^2$	$A_L = 2\pi r^2$
VOLUME	$V = A_b \cdot h$	$V = \pi r^2 \cdot h$	$V = \frac{A_b \cdot h}{3}$	$V = \frac{\pi r^2 \cdot h}{3}$	$V = \frac{4\pi r^3}{3}$	$V = \frac{2\pi r^3}{3}$

WHERE: A_T = Total Area A_B = Area of the Base A_L = Lateral Area P_B = Perimeter of the Base
 V = Volume h = Height s = Slant Height r = radius