

Shape	Formulas
Polygons	$A = \frac{Pa}{2}$
Prisms	$SA = Pa + Ph$ $V = \frac{Pah}{2}$
Cylinders	$SA = 2\pi r^2 + 2\pi rh$ $V = \pi r^2 h$
Pyramids	$SA = \frac{Pa}{2} + \frac{Pl}{2}$ , where $l$ is the slant height $V = \frac{1}{3}(\text{volume of prism})$ $V = \frac{Pah}{6}$
Cones	$SA = \pi r^2 + \pi rl$ , where $l$ is the slant height $V = \frac{1}{3}(\text{volume of cylinder})$ $V = \frac{\pi r^2 h}{3}$
Spheres	$SA = 4\pi r^2$ $V = \frac{4}{3}\pi r^3$