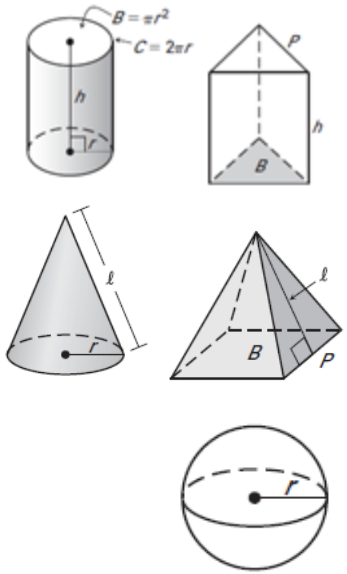

Shape	Surface Area Formula	Volume Formula	Variable Meanings
Right Prism	SA = 2Ph + 2B	V = Bh	P is the perimeter of the base B is the area of the base h is the height
Right Pyramid & Cone	SA =B + ½ Pl	V = $\frac{1}{3}$Bh	B is the area of the base h is the height P is the perimeter $l$is the slant height
Sphere	SA = $4\pi r^2$	V=$\frac{4}{3}\pi r^3$	r is the radius

Shape	Perimeter	Area	Variable Meanings
Parallelogram	P = 2b + 2h	A = bh	b is the base b is the height
Triangle	P = x + y + z	A = ½ bh	x, y, z are the side lengths b is the base h is the height perpendicular to the base
Trapezoid	P = w + x + y + z	A = ½ (b_1 + b_2)h	w, x, y, z are the side lengths b_1, b_2 are the bases h is the height perpendicular to the bases
Circle	P = $2\pi r$ P = πd	A = πr^2 A=$\frac{1}{4}\pi d^2$	r is the radius d is the diameter
Sector AB	P =$\frac{mAB}{360}2\pi r$	A = $\frac{mAB}{360}\pi r^2$	mAB is the degree of the arc