List of Area Formulas in Geometry

Geometric	Figure	Area	Perimeter
Circle		$A = \pi r^2$	$C = 2\pi r$
Trapezoid		$A = \dfrac{1}{2}(a + b)h$	$P = a + b + c + d$
Triangle		$A = \dfrac{1}{2}bh$	$P = a + b + c$
Parallelogram		$A = bh$	$P = 2(b + c)$
Rectangle		$A = lw$	$P = 2(l + w)$
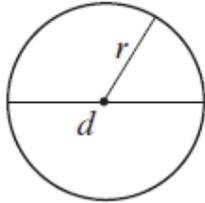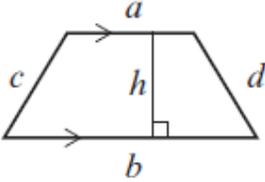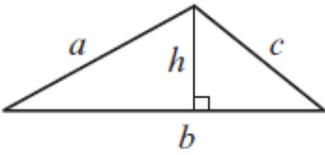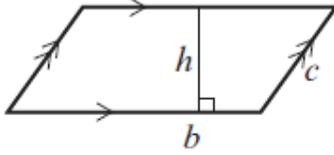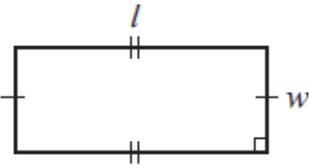
List of Volume Formulas in Geometry
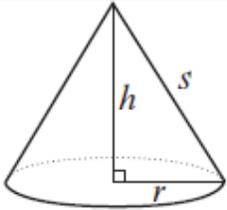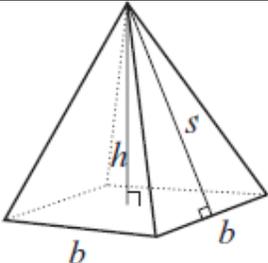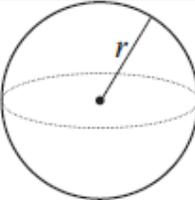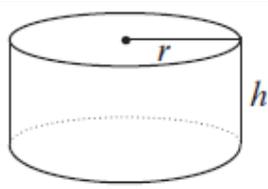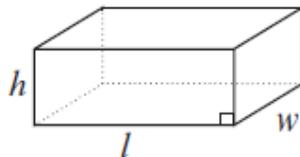
Geometric	Figure	Volume	Surface Area
Cone		$V = \frac{1}{3}\pi r^2 h$	$A = \pi r s + \pi r^2$
Square-based pyramid		$V = \frac{1}{3}b^2 h$	$A = 2bs + b^2$
Sphere		$V = \frac{4}{3}\pi r^3$	$A = 4\pi r^2$
Cylinder		$V = \pi r^2 h$	$A = 2\pi r^2 + 2\pi r h$
Rectangular prism		$V = lwh$	$A = 2(wh + lw + lh)$
Triangular prism		$V = \frac{1}{2}blh$	$A = ah + bh + ch + bl$