

Geometry formula sheet

Shape	Area / volume
Rectangle	$A = lw$
Triangle	$A = \frac{1}{2}bh$
Circle	$A = \pi r^2$, $C = 2\pi r$
Trapezoid	$A = \frac{1}{2}(a + b)h$
Rectangular prism	$V = lwh$
Cylinder	$V = \pi r^2 h$
Cone	$V = \frac{1}{3}\pi r^2 h$
Sphere	$V = \frac{4}{3}\pi r^3$, $SA = 4\pi r^2$

Notes