Grade 6 AIMS Reference Sheet

Reminders	yz means $y \times z$ or $y \bullet z$	Use 3.14 or $\frac{22}{7}$ for π.

Plane Figures: Perimeters and Areas

Name	Notation	Circumference (C) Perimeter (P)	Area (A)
Circle	r = radius d = diameter	$C = \pi d$ or $C = 2\pi r$	$A = \pi r^2$
Parallelogram	a, b = sides h = height	$P = 2(a + b)$	$A = bh$
Rectangle	l = length w = width	$P = 2(l + w)$	$A = lw$
Trapezoid	a, b, c, d = sides b_1 = long base b_2 = short base h = height	$P = a + b + c + d$	$A = \frac{1}{2}h(b_1 + b_2)$
Triangle	a, b, c = sides h = height	$P = a + b + c$	$A = \frac{1}{2}bh$ or $A = \frac{bh}{2}$

Geometric Solids: Volumes

Name	Notation	Volume (V)
Rectangular Prism	l = length w = width h = height	$V = lwh$
Right Cylinder	r = radius h = height	$V = \pi r^2 h$