GRADE 6-8 MATHEMATICS
REFERENCE SHEET

F POLYGONS

Parallelogram	$A = bh$
Rectangle	$A = bh$ or $A=lw$
Square	$A = s^2$ OR $A = s \times s$
Triangle	$A = \frac{1}{2}bh$
Trapezoid	$A = \frac{1}{2}h(b_1 + b_2)$

VOLUMES

Cube	$V = s^3$
Rectangular Prism	$V = lwh$ or $V = Bh$

where* B = *area of the base

Cylinder	$V = \pi r^2 h$
Cone	$V = \frac{1}{3}\pi r^2 h$
Pyramid	$V = \frac{1}{3}Bh$

where* B = *area of the base

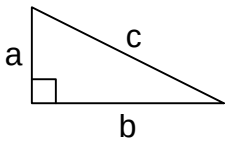
CIRCLES

$C = 2\pi r$ OR $C = \pi d$

$A = \pi r^2$

$\pi = \frac{22}{7}$ OR $\pi \approx 3.14$

RIGHT TRIANGLES



$a^2 + b^2 = c^2$

SURFACE AREAS

Cube	$SA = 6s^2$ OR $SA = 6\times(s\times s)$
Cylinder	$SA = 2\pi r h + 2\pi r^2$