GRADE 6-8 MATHEMATICS
DSTP REFERENCE SHEET

AREAS OF POLYGONS

Triangle $A = \frac{1}{2}bh$

Rectangle $A = bh$ or $A=lw$

Square $A = s^2$

Parallelogram $A = bh$

Trapezoid $A = \frac{1}{2}h(b_1 + b_2)$

VOLUMES

Cube $V = s^3$

Pyramid $V = \frac{1}{3}Bh$
where B = area of the base

Cylinder $V = \pi r^2 h$

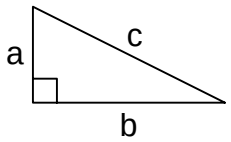
Rectangular Prism $V = lwh$ or $V = Bh$
where B=area of the base

CIRCLES

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

$A = \pi r^2$

RIGHT TRIANGLES



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

SURFACE AREAS

Cube $SA = 6s^2$

Cylinder $SA = 2\pi rh + 2\pi r^2$