

Grades 6, 7, and 8 Mathematics Reference Sheet



Pi: $\pi \approx 3.14$

FORMULAS FOR PLANE FIGURES

Parallelogram: $A = bh$

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

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

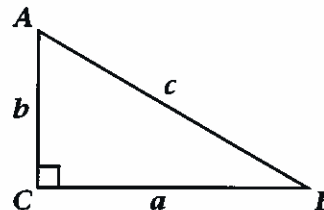
Circle: $C = 2\pi r$

$$A = \pi r^2$$

Right Triangle:

Pythagorean Theorem

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



FORMULAS FOR SOLID FIGURES

Prism: $V = Bh$

B represents the area of the base.

Right Cylinder: $V = \pi r^2 h$

Right Cone: $V = \frac{1}{3}\pi r^2 h$

Regular Pyramid: $V = \frac{1}{3}Bh$

CG 12/1
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