Middle Grades Mathematics Reference Sheet

New Mexico STANDARDS - BASED Assessment

Pi: $\pi \approx 3.14$

FORMULAS FOR PLANE FIGURES

Parallelogram: $A = bh$

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

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

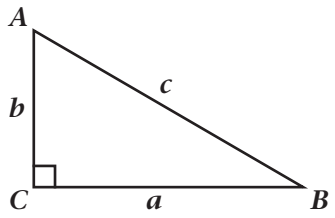
Circle: $C = 2\pi r$

$A = \pi r^2$

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

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