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: The Pythagorean Formula
\[ c^2 = a^2 + b^2 \]

FORMULAS FOR SOLID FIGURES

Prism: \[ V = Bh \] (\( B \) is the area of the base.)
Right Cylinder: \[ V = \pi r^2 h \]
Regular Pyramid: \[ V = \frac{1}{3} Bh \]