

## MATH FORMULA CHEAT SHEET

### Formulas for Area

Triangle

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

Rectangle

$$A = lw$$

Trapezoid

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

Parallelogram

$$A = bh$$

Circle

$$A = \pi r^2$$

### Formulas for Volume

Right Circular Cone

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

Pyramid

$$V = \frac{1}{3} bh$$

Sphere

$$V = \frac{4}{3} \pi r^3$$

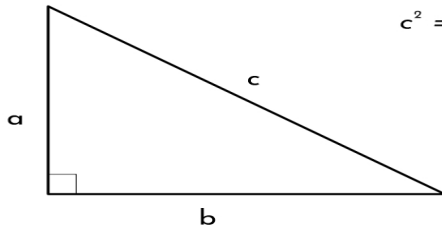
Right Circular Cylinder

$$V = \pi r^2 h$$

Right Prism

$$V = bh$$

### Pythagorean Theorem



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