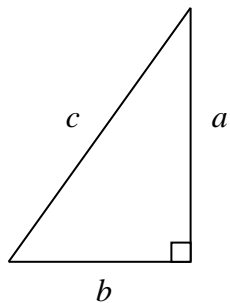


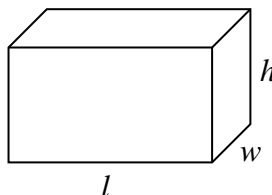
Basic Geometry Formulas

Pythagorean Theorem



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

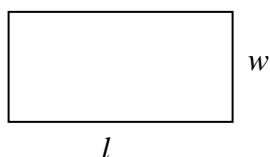
Surface Area and Volume of Box



$$S = 2lw + 2lh + 2wh$$

$$V = lwh$$

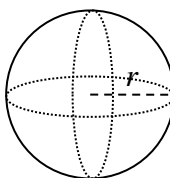
Perimeter and Area of Rectangle



$$P = 2l + 2w$$

$$A = lw$$

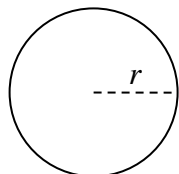
Surface Area and Volume of Sphere



$$S = 4\pi r^2$$

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

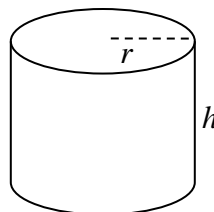
Circumference and Area of Circle



$$C = 2\pi r$$

$$A = \pi r^2$$

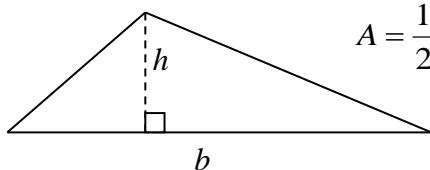
Surface Area and Volume of Cylinder



$$S = 2\pi r^2 + 2\pi rh$$

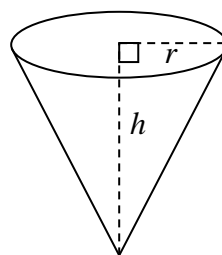
$$V = \pi r^2 h$$

Area of Triangle



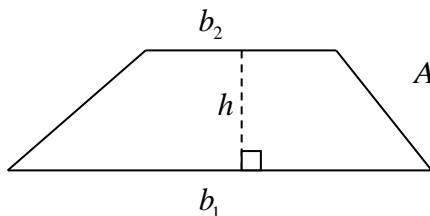
$$A = \frac{1}{2}bh$$

Volume of Cone



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

Area of Trapezoid



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