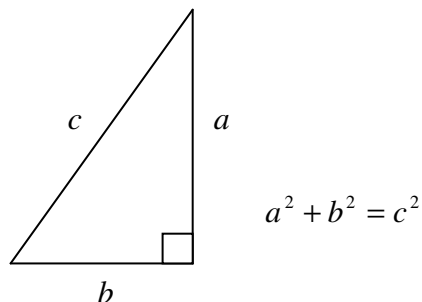
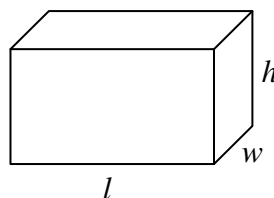


# Basic Geometry Formulas

## Pythagorean Theorem

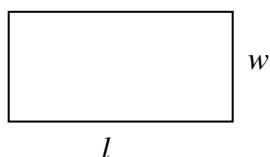


## Surface Area and Volume of Box



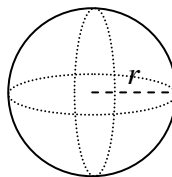
$$S = 2lw + 2lh + 2wh$$
$$V = lwh$$

## Perimeter and Area of Rectangle



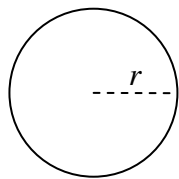
$$P = 2l + 2w$$
$$A = lw$$

## Surface Area and Volume of Sphere



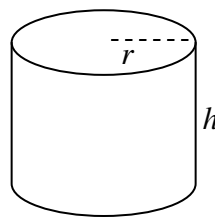
$$S = 4\pi r^2$$
$$V = \frac{4}{3}\pi r^3$$

## Circumference and Area of Circle



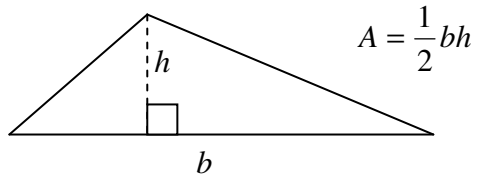
$$C = 2\pi r$$
$$A = \pi r^2$$

## Surface Area and Volume of Cylinder

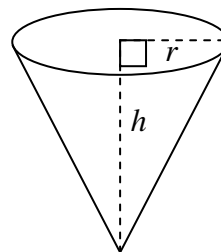


$$S = 2\pi r^2 + 2\pi rh$$
$$V = \pi r^2 h$$

## Area of Triangle



## Volume of Cone



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