

## Metric Conversions

- 1 kilometer = 1000 meters
- 1 meter = 100 centimeters
- 1 centimeter = 10 millimeters
- 1 kilogram = 1000 grams
- 1 liter = 1000 milliliters

## Standard Conversions

- 1 mile = 5,280 feet
- 1 yard = 3 feet
- 1 foot = 12 inches
- 1 ton = 2,000 pounds
- 1 pound = 16 ounces
- 1 gallon = 4 quarts
- 1 quart = 2 pints
- 1 pint = 2 cups
- 1 cup = 8 fluid ounces

## Time Conversions

- 1 week = 7 days
- 1 day = 24 hours
- 1 hour = 60 minutes
- 1 minute = 60 seconds

## Formulas

$$A = bh$$

$$A = lw$$

$$A = s^2$$

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

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

$$A = \pi r^2$$

$$SA = 2B + Ph$$

$$SA = B + \frac{1}{2}Pl$$

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

$$C = 2\pi r$$

$$V = lwh$$

$$V = Bh$$

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

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

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$