

Unit Conversions to know:

1 foot = 12 inches

1 yard = 3 feet

1 mile = 5,280 feet

1 inch = 2.54 centimeters

1 gallon = 4 quarts

1 quart = 2 pints

1 pint = 2 cups

1 pound = 16 ounces

1 centimeter = 10 millimeters

1 meter = 100 centimeters

1 kilometer = 1000 meters

(and these equivalent metric conversions for any base unit, such as gram, liter, etc)

1 hour = 60 minutes

1 minute = 60 seconds

1 day = 24 hours

Formulas to know:

Area and perimeter of the following:

Square

Rectangle

Triangle

Circle

Volume and surface area of the following:

Rectangular Prism

Triangular Prism

Square Pyramid

Triangular Pyramid

The following formulas will be provided, if needed:

Area of trapezoid

Area of parallelogram

Volume, surface area of a trapezoidal prism

Volume, surface area of a sphere

Volume, surface area of a cylinder

Volume, surface area of a cone