ISTEP+ Mathematics Reference Sheet
Grade 6

Formulas

Area of Rectangle = lw

Area of Triangle = $\frac{1}{2}bh$

Area of Parallelogram = bh

Area of Trapezoid = $\frac{1}{2}h(b_1 + b_2)$

Volume of Right Rectangular Prism = lwh or Bh

Conversions

1 foot = 12 inches

1 yard = 3 feet

1 mile = 5,280 feet

1 mile = 1,760 yards

1 cup = 8 fluid ounces

1 pint = 2 cups

1 quart = 2 pints

1 gallon = 4 quarts

1 pound = 16 ounces

1 ton = 2,000 pounds

1 meter = 1,000 millimeters

1 meter = 100 centimeters

1 kilometer = 1,000 meters

1 gram = 1,000 milligrams

1 kilogram = 1,000 grams

1 liter = 1,000 milliliters

1 inch = 2.54 centimeters

1 mile = 1.609 kilometers

1 pound = 0.454 kilogram

1 gallon = 3.785 liters

1 meter = 39.37 inches

1 kilometer = 0.62 mile

1 kilogram = 2.2 pounds

1 liter = 0.264 gallon