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 meter = 1,000 millimeters 1 inch = 2.54 centimeters
1 yard = 3 feet 1 meter = 100 centimeters 1 mile = 1.609 kilometers
1 mile = 5,280 feet 1 kilometer = 1,000 meters 1 pound = 0.454 kilogram
1 mile = 1,760 yards 1 gram = 1,000 milligrams 1 gallon = 3.785 liters
1 cup = 8 fluid ounces 1 kilogram = 1,000 grams 1 meter = 39.37 inches
1 pint = 2 cups 1 kilometer = 0.62 mile 1 quart = 2 pints
1 quart = 2 pints 1 liter = 1,000 milliliters 1 kilogram = 2.2 pounds
1 gallon = 4 quarts 1 liter = 0.264 gallon

1 pound = 16 ounces
1 ton = 2,000 pounds