

Rhode Island Comprehensive Assessment System Grade 6 Mathematics Reference Sheet

CONVERSIONS

- 1 cup = 8 fluid ounces 1 pint = 2 cups 1 quart = 2 pints 1 gallon = 4 quarts 1 gallon ≈ 3.785 liters 1 liter ≈ 0.264 gallon 1 liter = 1000 cubic centimeters
- **AREA (A) FORMULAS**
- square $A = s^2$ rectangle A = bhOR A = lwparallelogram A = bhtriangle $A = \frac{1}{2}bh$ (b = length of base; h = height)
- 1 inch = 2.54 centimeters 1 meter \approx 39.37 inches 1 mile = 5280 feet 1 mile = 1760 yards 1 mile \approx 1.609 kilometers 1 kilometer \approx 0.62 mile
- 1 pound = 16 ounces 1 pound ≈ 0.454 kilogram 1 kilogram ≈ 2.2 pounds 1 ton = 2000 pounds

VOLUME (V) FORMULAS

right rectangular prism V = lwh(l = length; w = width; h = height) OR V = Bh(B = area of base; h = height)