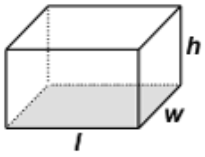
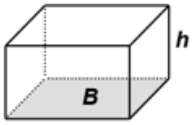
Maryland
STATE DEPARTMENT OF EDUCATION

MSTAR Mathematics – Grade 5 Reference Sheet

Division of Assessment and Accountability

Formulas

VOLUME (V)

Name	Shape	Formula
Right Rectangular Prism	 	$V = l \, x \, w \, x \, h$ or $V = B \, x \, h$ B: area of base h: height l: length w: width

CONVERSIONS

- 1 mile (mi.) = 5280 feet (ft.)
- 1 mile (mi.) = 1760 yards (yd.)
- 1 pound (lb) = 16 ounces (oz)
- 1 ton (T.) = 2000 pounds (lb.)
- 1 cup (c.) = 8 fluid ounces (fl. oz.)
- 1 quart (qt.) = 2 pints (pt.)
- 1 pint (pt.) = 2 cups (c.)
- 1 gallon (gal.) = 4 quarts (qt.)
- 1 liter (L.) = 1000 cubic centimeters (cm3)
- 1 liter (l) = 1000 milliliters (ml)
- 1 meter (m) = 100 centimeters (cm)
- 1 kilometer (km) = 1000 meters (m)
- 1 kilogram (kg) = 1000 grams (g)