Grade 5 Math Reference Sheet

Use the information below to answer questions in this test.

Formulas

Figure	Perimeter	Area
Rectangle	$P = 2(l + w)$ $P = 2l + 2w$	$A = l \times w$

Figure	Volume
Rectangular Prism	$V = l \times w \times h$ $V = B \times h$

l = length A = area

w = width P = perimeter

h = height V = volume

B = area of a base

Conversions

Standard Units	Metric Units
Length	
1 foot (ft) = 12 inches (in.)	1 centimeter (cm) = 10 millimeters (mm)
1 yard (yd) = 3 feet (ft)	1 meter (m) = 100 centimeters (cm)
1 mile (mi) = 5,280 feet (ft)	1 meter (m) = 1,000 millimeters (mm)
	1 kilometer (km) = 1,000 meters (m)
Volume	
1 cup (c) = 8 fluid ounces (fl oz)	1 liter (l) = 1,000 milliliters (ml)
1 pint (pt) = 2 cups (c)	1 liter (l) = 1,000 cubic centimeters (cu. cm)
1 quart (qt) = 2 pints (pt)	
1 gallon (gal.) = 4 quarts (qt)	
Weight/Mass	
1 pound (lb) = 16 ounces (oz)	1 gram (g) = 1,000 milligrams (mg)
1 ton = 2,000 pounds (lb)	1 kilogram (kg) = 1,000 grams (g)