

Assessment Reference Sheet

Grades 7-8 Math

1 inch = 2.54 centimeters	1 pound = 16 ounces	1 cup = 8 fluid ounces
1 meter = 39.37 inches	1 pound = 0.454 kilogram	1 pint = 2 cups
1 mile = 5,280 feet	1 kilogram = 2.2 pounds	1 quart = 2 pints
1 mile = 1,760 yards	1 ton = 2,000 pounds	1 gallon = 4 quarts
1 mile = 1.609 kilometers		1 gallon = 3.785 liters
1 kilometer = 0.62 mile		1 liter = 0.264 gallon
		1 liter = 1,000 cubic centimeters

Triangle $A = \frac{1}{2}bh$

Parallelogram $A = bh$

Circle $A = \pi r^2$

Circle $C = \pi d$ or $C = 2\pi r$

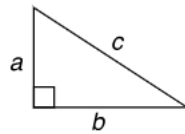
General Prism $V = Bh$

Cylinder $V = \pi r^2 h$

Sphere $V = \frac{4}{3}\pi r^3$

Cone $V = \frac{1}{3}\pi r^2 h$

Pythagorean Theorem



$$a^2 + b^2 = c^2$$