



teaspoon



tablespoon



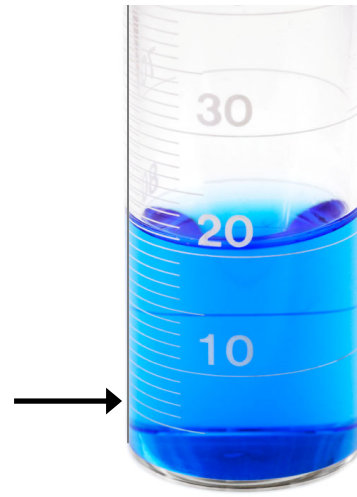
quart



gallon



liter



milliliter



cup



pint

<p>A <b>cup</b> is a unit for measuring the volume of dry goods. It is often used in cooking and baking. It can also be divided into 1/2 cup, 1/3 cup, and 1/4 cup.</p>	<p>A <b>quart</b> is a unit of measurement for volume. It is used in both the US and Imperial (UK &amp; Canada) systems. It is equal to two pints or four cups. It can be used for both liquid and solid measurements.</p>
<p>A <b>liter</b> (or litre) is a unit for measuring volume. It is often abbreviated with a capital "L". It is equal to the volume of a cube with sides of 10 cm. It is slightly more than one US quart.</p>	<p>A <b>tablespoon</b> is a unit of measurement used in cooking. It has various values around the world. It is abbreviated in English as T., tbs., or Tbsp. It is usually equal to three teaspoons.</p>
<p>The <b>pint</b> is a unit of volume used by both the Imperial system (UK &amp; Canada) and US system. It is equal to half a quart and 1/8 of a gallon. In metric terms, it is roughly half a liter.</p>	<p>A <b>teaspoon</b> is a unit of measurement used in cooking and dosing medicine. It is abbreviated in English as t. or tsp., and is equivalent to 5 mL (milliliters). Three teaspoons usually equals one tablespoon.</p>
<p>A <b>milliliter</b> is a unit of volume equal to one thousandth of a liter. It is usually abbreviated mL. It is often used in scientific experiments, and is used to measure medicine as well.</p>	<p>The <b>gallon</b> is a common unit of measurement in the US and Imperial (UK &amp; Canada) systems, although the Imperial gallon is slightly larger. It can be used for liquid and solid measurements.</p>

**Instructions:** print pages on cardstock and laminate. To make preschool 3-part cards, print two copies of pages 1-2 and cut one set apart. To make elementary 3-part cards, print pages 1-3 and cut cards apart, using pictures, labels, and definitions.

This set is intended to cover only "capacity" volume measurements, like the kind that are used in cooking and baking and measuring liquid and solid goods for sale. Volume measurements - the kind that are used to calculate the volume of a solid object - are a different kind of measurement.

After the children are familiar with the nomenclature cards, it's very helpful to give them real measuring implements to use. These can include measuring spoons and cups, empty containers, and plastic or glass beakers. Let them experiment by filling different containers with a variety of dry ingredients (rice, beans) and colored water.

There are currently three different measurement systems in use throughout the world. They are: metric (or International System of Measurements), US Customary (standard), and Imperial (UK & Canada). To cover all of these various systems is beyond the scope of this work, but would be a great research project for an upper elementary child. There's a lot of information online, including conversion calculators that take measurements in one system and convert them to another system.

**Please note: this PDF is copyrighted by Montessori for Everyone and is free for personal use only. Please do not upload it to any other website (including school websites) or file-sharing service (cloud service). Just link to us if you want to share. Thanks!**

US Customary Volume Measurement Conversion					
			1/2 fl oz =	1 tbsp =	3 tsp
		1/8 cup	1 fl oz	2 tbsp	6 tsp
		1/4 cup	2 fl oz	4 tbsp	12 tsp
		1/2 cup	4 fl oz	8 tbsp	24 tsp
	1/4 qt	1/2 pt	1 cup	8 fl oz	
	1/2 qt	1 pt	2 cups	16 fl oz	
1/4 gal	1 qt	2 pt	4 cups	32 fl oz	
1/2 gal	2 qt	4 pt	8 cups	64 fl oz	
1 gal	4 qt	8 pt	16 cups	128 fl oz	

Metric Volume Measurement Conversion			
<b>litre</b>			
decalitre	= 10 litres	1000 litres = 1 cubic metre	≈ 1 tonne of water
hectolitre	= 100 litres	1 litre = 1 cubic decimetre	≈ 1 kilogram of water
kilolitre	= 1000 litres	1 millilitre = 1 cubic centimetre	≈ 1 gram of water
decilitre	= 1/10 of a litre	1 microlitre = 1 cubic millimetre	≈ 1 milligram of water
centilitre	= 1/100 of a litre		
millilitre	= 1/1000 of a litre		

US Customary/Metric Measurement Conversion				
1 US gallon = 3.785 liters		1 liter = 0.2642 US gal.		
1 pint = 0.5683 liters		1 liter = 1.7598 pint		
If you know...		then multiply by...	to find:	
<b>mL</b>	milliliters	0.034	fluid ounces	fl oz
<b>L</b>	liters	0.264	gallons	gal
<b>fl oz</b>	fluid ounces	29.57	milliliters	mL
<b>gal</b>	gallons	3.785	liters	L