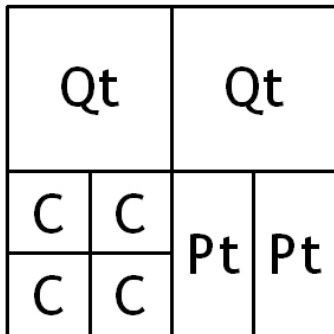


Basic Mathematics for Vet Techs

Volumetric Measurement Conversion Chart

Gallon	Half Gallon	Quart	Pint	Cup	Half Cup	Quarter Cup	Fluid Ounce	Tablespoon	Teaspoon
1	2	4	8	16	32	64	128	256	768
	1	2	4	8	16	32	64	128	384
		1	2	4	8	16	32	64	192
			1	2	4	8	16	32	96
				1	2	4	8	16	48
					1	2	4	8	24
						1	2	4	12
							1	2	6
								1	3

G



For Visual Learners:

Draw a two-inch box and divide the box into four squares. Over the top of the box, write a "G" which represents the whole gallon. In the two top squares, write "Qt" for quart, since there are four quarts in a gallon and the quart is in the quarter-sized area. In the lower right quadrant, split the box and write "Pt" in each section for Pint, because there are two pints in a quart. In the lower left quadrant, divide the quart section into four and write "C" in each partition for cup.

Length Conversion Chart

Yard	Feet	Inches
1	3	36
	1	12

Basic Mathematics for Vet Techs

English to Metric Conversions			
	English	Metric	Conversion
Volume	Gallon, half gallon, quart, pint, cup, 1/2 cup, 1/4 cup, fluid ounce, tablespoon, teaspoon	Kiloliter, Liter, milliliter	1 Liter = 33.81 fl. oz. 1 tbsp = 15 ml 1 tsp = 5ml 1 cup = 236.6 ml
Weight	Pound, ounce, ton	Kilogram, gram	28.35 grams = 1 oz 2.205 lbs = 1 kg
Length	Inches, feet, yards, miles	Kilometers, meters, centimeters, millimeters	2.54 cm = 1 inch, 39.37 inches = 1 meter 1 mile = 1.609 km

Metric Prefix Table

Prefix – Root	Abbreviation	Multiplier
Kiloliter	kl	1000
Hectoliter	hl	100
Decaliter	dal	10
Liter	L	1
Deciliter	dl	$\frac{1}{10}$
Centiliter	cl	$\frac{1}{100}$
Milliliter	ml	$\frac{1}{1000}$