

MATH VIRTUAL LESSON

WEEK 1

Step 1: Watch measurement conversion video with practice problems.

https://www.youtube.com/watch?v=2JpLdKL_mgw

MCC5.MD.1
 Convert like measurement units within a given measurement system.
 Customary Units - gallons, quarts, pints, cups, ounces

For more lessons and practice, visit my store at www.teacherspayteachers.com/store/rebecca-sims.

Step 2: Guided Practice: Click on the link and practice using the interactive activity.

<http://www.learner.org/interactives/metric/english.html>

Interactives
 British and Metric Conversions

Pick another Interactive: Choose One

Introduction | Symbols | Metric Units | English Units | Length | Mass | Volume | Temperature | Test skills

Why Convert Metric and English Volume Units?

A cup of cool lemonade is a great thirst quencher on a hot day. But would one milliliter of lemonade quench your thirst? Most likely not, as you will see when you learn how to convert volumes from English units to metric units and back again!

Let's learn how to convert metric and English volume units.

Mass Conversion

liter (l)	→	gallon (gal)
milliliter (ml)	→	cup (c)
milliliter (ml)	→	ounces (oz)
ounces (oz)	→	milliliter (ml)
cup (c)	→	milliliter (ml)
gallon (gal)	→	liter (l)

About this Interactive | Metric Site Map | Conversion Chart

Step 3: Complete this conversion activity and turn it in by Monday, April 13th.



Conversions: capacity

Units of capacity	
8 fluid ounces	1 cup
2 cups	1 pint
2 pints	1 quart
4 quarts	1 gallon

This conversion table shows how to convert ounces, cups pints, quarts, and gallons.

Katya's thermos holds 8 pints.
How many cups does it hold?

$$8 \times 2 = 16$$

16 cups

Hannah's thermos holds 6 cups.
How many pints does it hold?

$$6 \div 2 = 3$$

3 pints

Convert each measurement to cups.

32 fluid ounces

16 fluid ounces

96 fluid ounces

80 fluid ounces

Convert each measurement to pints.

6 cups

12 cups

36 cups

50 cups

4 quarts

12 quarts

30 quarts

6 quarts

Convert each measurement to gallons.

16 quarts

32 quarts

100 quarts

20 quarts

Convert each measurement.

3 gallons

5 quarts

36 cups

72 pints

pints

cups

quarts

gallons

1 quart

240 fluid ounces

7 quarts

11 gallons

fluid ounces

pints

cups

pints