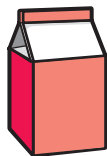


# Measuring Capacity in Gallons and Liters

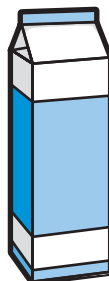
NCTM Standards 1, 2, 6, 7, 8, 9, 10



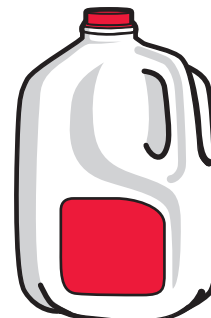
1 cup



1 pint



1 quart



1 gallon

Fill in the missing numbers.

1 1 gallon = \_\_\_\_\_ quarts

2 1 gallon = \_\_\_\_\_ pints

3 1 gallon = \_\_\_\_\_ cups

4 \_\_\_\_\_ cups = 1 pint

5 2 pints = \_\_\_\_\_ quart

6 8 quarts = \_\_\_\_\_ gallons

7 8 quarts = \_\_\_\_\_ pints

8 \_\_\_\_\_ gallons = 16 pints

**Solve.**

9 Evan poured a cup of water into a quart container. How many more cups are needed to fill the container?

\_\_\_\_\_ cups

10 Elsie filled a gallon container with water using a pint container. How many times did she fill the pint container?

\_\_\_\_\_ times

11 Pat had a liter of milk. He used 300 milliliters to make pancakes. How many milliliters did he have left?

\_\_\_\_\_ milliliters

12 Stephanie poured 18 cups of water into a gallon container. Did the container overflow?

yes    no

13 Josh bought a gallon of milk at the store and gave a pint to each of his 8 friends. Was there any milk left for him?

yes    no

14 Matt filled a quart container halfway. How many more cups did he need to fill the container completely?

\_\_\_\_\_ cups

15 **Challenge** Cindy had 2 gallons of milk to make smoothies. Each smoothie used 2 cups of milk. How many smoothies could she make?

\_\_\_\_\_ smoothies

16 **Challenge** June needed 7 quarts of juice, but the store sold only liter containers. How many liters should she buy?

\_\_\_\_\_ liters