

Name _____

Customary Units of Liquid Volume

COMMON CORE STANDARD CC.4.MD.1

Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.

Complete.

1. 6 gallons = 24 quarts

Think: 1 gallon = 4 quarts,
so 6 gallons = 6×4 quarts, or 24 quarts

2. 12 quarts = _____ pints

3. 6 cups = _____ fluid ounces

4. 9 pints = _____ cups

5. 10 quarts = _____ cups

6. 5 gallons = _____ pints

7. 3 gallons = _____ cups

Compare using $<$, $>$, or $=$.

8. 6 pints 60 fluid ounces

9. 3 gallons 30 quarts

10. 5 quarts 20 cups

11. 6 cups 12 pints

12. 8 quarts 16 pints

13. 6 gallons 96 pints

Problem Solving 

14. A chef makes
- $1\frac{1}{2}$
- gallons of soup in a large pot. How many 1-cup servings can the chef get from this large pot of soup?


15. Kendra's water bottle contains 2 quarts of water. She wants to add drink mix to it, but the directions for the drink mix give the amount of water in fluid ounces. How many fluid ounces are in her bottle?

Lesson Check (CC.4.MD.1)

- Joshua drinks 8 cups of water a day. The recommended daily amount is given in fluid ounces. How many fluid ounces of water does he drink each day?
 - 16 fluid ounces
 - 32 fluid ounces
 - 64 fluid ounces
 - 128 fluid ounces
- A cafeteria used 5 gallons of milk in preparing lunch. How many 1-quart containers of milk did the cafeteria use?
 - 10
 - 20
 - 40
 - 80

Spiral Review (CC.4.NF.4a, CC.4.NF.6, CC.4.MD.1, CC.4.G.1)

- Roy uses $\frac{1}{4}$ cup of batter for each muffin. Which list shows the amounts of batter he will use depending on the number of muffins he makes? (Lesson 8.1)
 - $\frac{1}{4}, \frac{1}{5}, \frac{1}{6}, \frac{1}{7}, \frac{1}{8}$
 - $\frac{1}{4}, \frac{2}{4}, \frac{3}{4}, \frac{4}{4}, \frac{5}{4}$
 - $\frac{1}{4}, \frac{2}{8}, \frac{3}{12}, \frac{4}{16}, \frac{5}{20}$
 - $\frac{1}{4}, \frac{2}{8}, \frac{4}{16}, \frac{6}{24}, \frac{8}{32}$
- Beth has $\frac{7}{100}$ of a dollar. Which shows the amount of money Beth has? (Lesson 9.4)
 - \$7.00
 - \$0.70
 - \$0.07
 - \$0.007
- Name the figure that Enrico drew below. (Lesson 10.1)



 - a ray
 - a line
 - a line segment
 - an octagon
- A hippopotamus weighs 4 tons. Feeding instructions are given for weights in pounds. How many pounds does the hippopotamus weigh? (Lesson 12.3)
 - 4,000 pounds
 - 6,000 pounds
 - 8,000 pounds
 - 12,000 pounds