









Additional Practice 12-2 **Convert Customary**

Units of Capacity

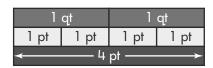
Another Look!

Remember: 1 gallon equals 4 quarts, 1 quart equals 2 pints, 1 pints equals 2 cups, and 1 cup equals 8 fluid ounces.



How to change from one customary unit of capacity to another:

Converting from a smaller unit to a larger unit:

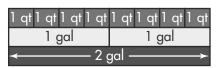


Operation: Divide.

You know 2 pt = 1 qt.

Find $4 \div 2$; 4 pt = 2 qt.

Converting from a larger unit to a smaller unit:



Operation: Multiply.

You know 1 qal = 4 qt.

Find 2×4 ; 2 gal = 8 gt.

1. Convert 2 quarts to fluid ounces. Write in the missing amounts.

2 quarts = ____ pints ____ pints = 8 cups ____ cups = ____ fluid ounces

In **2–13**, convert each unit of capacity.

4.
$$3\frac{1}{4}$$
 pt = _____ fl oz

5.
$$\frac{1}{4}$$
 c = _____ pt

6.
$$6\frac{1}{4}$$
 qt = ____ pt

13.
$$8\frac{1}{4}$$
 pt = _____ c

- **14. Number Sense** Estimate the number of pints in 445 fluid ounces. Explain your work.
- **15.** If you needed only 1 cup of milk, what is your best choice at the grocery store—a quart container, a pint container, or a $\frac{1}{2}$ -gallon container?

In 16 and 17, use the recipe.

- **16.** Sadie is making punch. How many more quarts of lemon-lime juice will she use than orange juice?
- **17. Higher Order Thinking** How many gallons of punch will Sadie make?



- **19. Reasoning** How would you convert a measurement given in fluid ounces into pints?



Assessment Practice

20. Choose all measurements that are equal to 4 quarts.

2 gallons

2 pints

8 pints

16 cups

48 fl oz

21. Choose all statements that are true.

7 pints > 2 quarts

 \bigcirc 4 pints 1 cup > 10 cups

 \bigcap 1 quart > 40 fl oz

1 gallon < 8 pints 1 cup

8 quarts = 32 gallons