

# MY Homework

## Lesson 4

### Convert Customary Units of Capacity

## Homework Helper



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Chip needs 1 quart of cream for his ice cream recipe. He has 3 cups of cream. Is that enough for his recipe?

First, convert quarts to pints.

$$1 \text{ quart} = 2 \text{ pints}$$

Next, convert pints to cups.

$$2 \times 2 = 4 \text{ cups}$$

number of pints

number of cups in each pint

### Conversion Table Customary Units of Capacity

1 cup (c) = 8 fluid ounces (fl oz)

2 cups (c) = 1 pint (pt)

2 pints (pt) = 1 quart (qt)

4 quarts (qt) = 1 gallon (gal)

Chip has 3 cups of cream, but he needs 4 cups. He does not have enough cream for the recipe.

## Practice

Convert units to complete each equation.

1.  $9 \text{ pt} = \underline{\hspace{2cm}} \text{ c}$

2.  $4 \text{ qt} = \underline{\hspace{2cm}} \text{ pt}$

3.  $3 \text{ c} = \underline{\hspace{2cm}} \text{ fl oz}$

4.  $9\frac{1}{2} \text{ gal} = \underline{\hspace{2cm}} \text{ qt}$

5.  $5\frac{1}{2} \text{ pt} = \underline{\hspace{2cm}} \text{ c}$

6.  $6 \text{ gal} = \underline{\hspace{2cm}} \text{ qt}$

Complete each conversion table.

7.

cups (c)	fluid ounces (fl oz)	(c, fl oz)
1		
3		
5		
7		

8.

quarts (qt)	pints (pt)	(qt, pt)
1		
2		
3		
4		

9.


gallons (gal)	quarts (qt)	(gal, qt)
4		
5		
6		
7		

10.

gallons (gal)	pints (pt)	(gal, pt)
4		
5		
6		
7		



## Problem Solving

11. **Mathematical PRACTICE**  **Reason** Elle can buy 2 quarts of milk for \$3 or 1 gallon of milk for \$3. Which is the better deal? Explain.

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12. Marco needs 2 gallons of paint for his living room. He has 10 quarts of paint. Is that enough? Explain.

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13. Ollie drank  $\frac{3}{4}$  of a 16-fluid ounce bottle of juice. How many fluid ounces of juice are left in the bottle?

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## Test Practice

14. Craig drank two 5-cup bottles of water in one day. How many fluid ounces is that?
- (A) 10 fluid ounces      (C) 40 fluid ounces  
 (B) 16 fluid ounces      (D) 80 fluid ounces

