



Name _____ Date _____

Changing Customary Units (pages 292–294)

The table below lists the most commonly used customary units, and the information you need in order to change them from one unit to another.

Customary Units of Capacity	1 cup (c) = 8 fluid ounces (fl oz) 1 pint (pt) = 2 cups 1 quart (qt) = 2 pints 1 gallon (gal) = 4 quarts
Customary Units of Weight	1 pound (lb) = 16 ounces (oz) 1 ton (T) = 2,000 pounds
Changing Customary Units of Capacity and Weight	<ul style="list-style-type: none"> Determine whether you are changing from smaller to larger units or from larger to smaller units. To change from smaller to larger units, divide. To change from larger to smaller units, multiply.

EXAMPLES

A $3 \text{ qt} = \underline{\quad} \text{ pt}$

Think: Each quart equals 2 pints.

$3 \times 2 = 6$ *Multiply to change from a larger unit (qt) to a smaller unit (pt).*

$3 \text{ qt} = 6 \text{ pt}$

B $8 \text{ c} = \underline{\quad} \text{ qt}$

Think: Each quart equals 2 pints and each pint equals 2 cups. You need to divide twice.

$8 \div 2 = 4$ *Divide to change from cups to pints.*

$4 \div 2 = 2$ *Divide to change from pints to quarts.*

$8 \text{ c} = 2 \text{ qt}$

Try These Together

1. $6 \text{ T} = \underline{\quad} \text{ lb}$

HINT: You are changing from larger to smaller units.

2. $48 \text{ fl oz} = \underline{\quad} \text{ pt}$

HINT: You are changing from smaller to larger units.

PRACTICE

Complete.

3. $4 \text{ qt} = \underline{\quad} \text{ pt}$

4. $18 \text{ fl oz} = \underline{\quad} \text{ c}$

5. $4 \text{ gal} = \underline{\quad} \text{ qt}$

6. $8 \text{ qt} = \underline{\quad} \text{ c}$

7. $36 \text{ oz} = \underline{\quad} \text{ lb}$

8. $5 \text{ lb} = \underline{\quad} \text{ oz}$

9. $10 \text{ T} = \underline{\quad} \text{ lb}$

10. $17 \text{ pt} = \underline{\quad} \text{ gal}$

11. $16 \text{ qt} = \underline{\quad} \text{ pt}$



- 12. Standardized Test Practice** An ice cream sundae has 1 cup of ice cream. How many gallons of ice cream would you need to make 64 ice cream sundaes?

A 4 gal

B 2 gal

C 6 gal

D 8 gal

Answers 1. 12,000 2. 3 3. 8 4. $2\frac{1}{2}$ 5. 16 6. 32 7. $2\frac{1}{4}$ 8. 80 9. 20,000 10. $2\frac{1}{8}$ 11. 32 12. A