Customary Units of Weight and Capacity

Customary Units of Weight
16 ounces (oz) = 1 pound (lb)
2,000 pounds = 1 ton (T)

Customary Units of Capacity
8 fluid ounces (fl oz) = 1 cup (c)
2 cups = 1 pint (pt)
2 pints = 1 quart (qt)
4 quarts = 1 gallon (gal)

Changing Customary Units of Weight   **64 oz = □ lb**

Step 1: Use the table to find the relationship between ounces and pounds.

$$16 \text{ oz} = 1 \text{ lb}$$

Step 2: Decide if you should multiply or divide.

An ounce is smaller than a pound.

To change from a smaller unit to a larger unit, divide.

Step 3: Divide by 16 to find the number of pounds.

$$64 \div 16 = 4$$

$$64 \text{ oz} = 4 \text{ lb}$$

Changing Customary Units of Capacity $6\frac{1}{2}$ **qt = □ pt**

Step 1: Use the table to find the relationship between quarts and pints.

$$1 \text{ qt} = 2 \text{ pt}$$

Step 2: Decide if you should multiply or divide.

A quart is larger than a pint.

To change from a larger unit to a smaller unit, multiply.

Step 3: Multiply by 2 to find the number of pints.

$$6\frac{1}{2} \times 2$$
$$= \left(6 \times 2\right) + \left(\frac{1}{2} \times 2\right)$$
$$= 12 + 1 = 13$$
$$6\frac{1}{2} \text{ qt} = 13 \text{ pt}$$

Complete.

1. 3 T = _____ lb

2. 18,000 lb = _____ T

3. _____ lb = 64 oz

4. 6 qt = _____ pt

5. _____ gal = 28 qt

6. 10 c = _____ pt

7. 12 pt = _____ c

8. _____ c = 32 oz

9. 96 oz = _____ lb

10. 12,000 lb = _____ T

11. 24 pt = _____ qt

12. 20 qt = _____ gal

Use with text pages 152–154.