

12 Convert Measures of Weight

Here's How

Multiply to convert (change) to a smaller unit of measure.

How many cups are in 2 pints?

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

Remember: 2 cups = 1 pint.
 $2 \text{ pt} \times 2 = 4 \text{ c}$

Multiply 2 pints by 2 to get 4 cups.

$$2 \text{ pt} = 4 \text{ c}$$

There are **4 cups** in **2 pints**.

Divide to convert (change) to a larger unit of measure.

How many pounds are in 32 ounces?

$$32 \text{ oz} = \underline{\hspace{2cm}} \text{ lb}$$

Remember: 16 oz = 1 lb
 $32 \text{ oz} \div 16 = 2 \text{ lb}$

Divide 32 ounces by 16 to get 2 lb.

$$32 \text{ oz} = 2 \text{ lb}$$

There are **2 pounds** in **32 ounces**.

Try These

Convert each of the following measures.

Remember:
 2 c = 1 pt,
 2 pt = 1 qt,
 4 qt = 1 gal,
 16 oz = 1 lb, and
 2000 lb = 1 T.

▶ 1.



$$1 \text{ qt} = \underline{\hspace{2cm}} \text{ pt}$$

2.



$$1 \text{ gal} = \underline{\hspace{2cm}} \text{ qt}$$

3.



$$10,000 \text{ lb} = \underline{\hspace{2cm}} \text{ T}$$

4.



$$2 \text{ lb} = \underline{\hspace{2cm}} \text{ oz}$$



For each given measure, write the equivalent (equal) measure.

Look back at the steps in *Here's How* if you need help.

▶ 1.



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

2.



$$160 \text{ oz} = \underline{\hspace{2cm}} \text{ lb}$$

3.



$$12 \text{ qt} = \underline{\hspace{2cm}} \text{ gal}$$

4.



$$1 \text{ qt} = \underline{\hspace{2cm}} \text{ pt}$$

5.



$$3 \text{ lb} = \underline{\hspace{2cm}} \text{ oz}$$

6.



$$2 \text{ T} = \underline{\hspace{2cm}} \text{ lb}$$

7.



$$40 \text{ qt} = \underline{\hspace{2cm}} \text{ gal}$$

8.



$$16 \text{ oz} = \underline{\hspace{2cm}} \text{ lb}$$

9. Sam has one gallon of lemonade. He wants to give one quart to each of five friends. Does Sam have enough lemonade? If not, how much more does he need?
