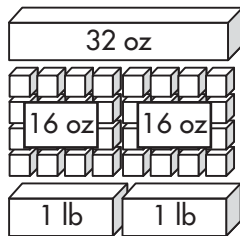


# Converting Customary Units of Weight

How to change a weight measurement from one unit to another:

Converting a weight measurement from a smaller unit to a larger unit

$$32 \text{ ounces} = \underline{\hspace{2cm}} \text{ pounds}$$



**Think:** If I measure the same weight using a larger unit, I will need a smaller number of units.

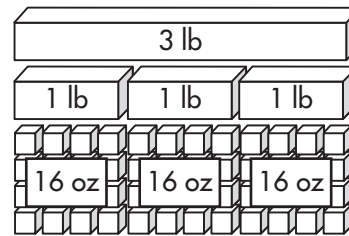
**Operation:** Divide.

You know  $16 \text{ oz} = 1 \text{ lb}$ .

Find  $32 \div 16$ ;  $32 \text{ oz} = 2 \text{ lb}$

Converting a weight measurement from a larger unit to a smaller unit

$$3 \text{ pounds} = \underline{\hspace{2cm}} \text{ ounces}$$



**Think:** If I measure the same weight using a smaller unit, I will need a larger number of units.

**Operation:** Multiply.

You know  $1 \text{ lb} = 16 \text{ oz}$ .

Find  $3 \times 16$ ;  $3 \text{ lb} = 48 \text{ oz}$

## Relationships Between Customary Units of Weight

Ounce	Pound	Ton
16 oz	= 1 lb	
	2,000 lb	= 1 T

Convert each unit of measurement.

1.  $4 \text{ T} = \underline{\hspace{2cm}} \text{ lb}$

2.  $5 \text{ lb} = \underline{\hspace{2cm}} \text{ oz}$

3.  $48 \text{ oz} = \underline{\hspace{2cm}} \text{ lb}$

4.  $6,000 \text{ lb} = \underline{\hspace{2cm}} \text{ T}$

Compare. Use  $>$ ,  $<$ , or  $=$ .

5.  $3,000 \text{ lb} \bigcirc 1 \text{ T}$

6.  $272 \text{ oz} \bigcirc 20 \text{ lb}$

7. **Estimation** A candy maker buys a bar of chocolate weighing 162 ounces. About how many pounds does the bar weigh?