

## Lesson 7.4 Weight (ounces, pounds, and tons)

### Conversion Table

one-half pound (lb.) = 8 ounces (oz.)

1 pound (lb.) = 16 ounces (oz.)

one-half ton (T.) = 1,000 pounds (lb.)

1 ton (T.) = 2,000 pounds (lb.)

When converting from more to less, multiply.

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

Know:

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

$$5 \times 16 = 80$$

$$5 \text{ lb.} = 80 \text{ oz.}$$

When converting from less to more, divide.

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

Know:

$$2,000 \text{ lb.} = 1 \text{ T.}$$

$$6,000 \div 2,000 = 3$$

$$6,000 \text{ lb.} = 3 \text{ T.}$$

Complete the following.

- |                         |                      |                       |
|-------------------------|----------------------|-----------------------|
| <b>a</b>                | <b>b</b>             | <b>c</b>              |
| 1. 32 oz. = _____ lb.   | 6,000 lb. = _____ T. | 4 T. = _____ lb.      |
| 2. 40 lb. = _____ oz.   | 64 oz. = _____ lb.   | 24,000 lb. = _____ T. |
| 3. 1,000 lb. = _____ T. | 8 oz. = _____ lb.    | 18,000 lb. = _____ T. |
| 4. 8 lb. = _____ oz.    | 12 lb. = _____ oz.   | 10,000 lb. = _____ T. |

	Tons	Pounds	Ounces
5.	5	_____	160,000
6.	_____	4,000	64,000
7.	3	6,000	_____
8.	4	8,000	_____
9.	_____	2,000	32,000
10.	6	12,000	_____
11.	10	_____	320,000

**Lesson 7.5** Problem Solving**SHOW YOUR WORK**

Solve each problem.

- 1.** The cooks made 120 quarts of lemonade for the first concert. They made 150 quarts of lemonade for the second concert and 130 quarts for the third concert. How many gallons of lemonade did the cooks make for all three concerts?

They made \_\_\_\_\_ gallons of lemonade in all.

- 2.** A large ship was being loaded with 20 tons of grain and 5 tons of flour. How many more pounds of grain were there on the ship?

There were \_\_\_\_\_ more pounds of grain.

- 3.** The largest wheel of cheese in City A weighs 985 pounds. The largest wheel of cheese in City B weighs 894 pounds. How many total ounces do both wheels of cheese weigh?

They weigh a total of \_\_\_\_\_ ounces.

- 4.** Tito stored 15 gallons of water in his basement. Jack stored 29 gallons of water in his basement. During the hurricane, they used 32 gallons of water. How many quarts of water did the boys have left after the hurricane?

Tito and Jack had \_\_\_\_\_ quarts of water left.

- 5.** The large airplane carried 5 tons of luggage this week. The medium airplane carried 3 tons of luggage this week. The small airplane carried 1,544 pounds of luggage this week. How many total pounds of luggage did all 3 planes carry this week?

All three planes carried a total of \_\_\_\_\_ pounds of luggage this week.

**1.**

**2.**

**3.**

**4.**

**5.**