

MASS AND VOLUME WORKSHEET

Name: _____ Date: _____

Direction: Calculate for Mass and Volume for the following questions.

MASS



1. A bag of flour weigh 3 lbs. If a chef needs 15 lbs of flour, how many bags of flour should he buy?
2. Jack wants to make some cookies for his mother. The recipe says he would need 7 oz of flour for 1 batch of cookies. He wants to make 4 batches of cookies. How much flour does he needs?
3. Emily bought 1 lb 4 oz of ground beef for her mother for dinner, but her mother says she only needs 8 oz of ground beef. How much extra beef did Emily buy?

VOLUME

Hint: 16 ounces = 2 cups = 1 pint
2 pints = 1 quart
4 quarts = 1 gallon

1. The capacity of a pot is 1 quart and the volume of a can of soup is 8 oz. How many cans of soup can the pot hold?
2. There are 3 cups of orange juice in a pitcher. If we add 3 oz of lemon juice, what is the volume (measured in oz) of the mixture?



ANSWER KEY

1. $15 \div 3 = 5$
He should buy 5 bags of flour.
2. $7 \times 4 = 28$
He needs 24 oz of flour.
3. $1 \text{ lb } 4 \text{ oz} = 16 \text{ oz} + 4 \text{ oz} = 20 \text{ oz}$
 $20 - 8 = 12$
Emily bought 12 oz more than the amount needed.

1. $1 \text{ quart} = 2 \text{ pints} = 32 \text{ oz}$
 $32 \div 4 = 4$
The pot can hold 4 cans of soup.
2. $3 \text{ cups} = 24 \text{ oz}$
 $24 + 3 = 27$
The volume of the mixture is 27 oz.