

# An Ounce by Any Other Name

Sample:

Convert the following:

2 cups = \_\_\_\_\_ ounces

Solution:

1 cup = 8 ounces

2 cups  $\times$  8 ounces = 16 ounces

2 cups = 16 ounces

## Volume Conversions

1 cup	=	8 ounces
1 pint	=	2 cups
1 quart	=	2 pints
1 gallon	=	4 quarts

## Part A Directions

Use the conversion table to solve the equations.

1 cup = \_\_\_\_8\_\_\_\_ ounces

8 pints = \_\_\_\_4\_\_\_\_ quarts

16 ounces = \_\_\_\_2\_\_\_\_ cups

1.5 gallon = \_\_\_\_192\_\_\_\_ ounces

12 ounces = \_\_\_\_1.5\_\_\_\_ cups

22 ounces = \_\_\_\_2 3/4\_\_\_\_ cups

3 cups = \_\_\_\_24\_\_\_\_ ounces

4 1/2 cups = \_\_\_\_36\_\_\_\_ ounces

3 quarts = \_\_\_\_6\_\_\_\_ pints

80 ounces = \_\_\_\_5\_\_\_\_ pints

3 quarts = \_\_\_\_12\_\_\_\_ cups

50 gallons = \_\_\_\_200\_\_\_\_ quarts

3 quarts = \_\_\_\_96\_\_\_\_ ounces

50 gallons = \_\_\_\_6,400\_\_\_\_ ounces

## Part B Directions

Use the conversion table to solve the word problem.

- Cheri spent Saturday at a track meet. It was hot. During the course of the day, Cheri drank 100 ounces of water, 52 ounces of soda, and 40 ounces of sports drink.

For all beverages combined, how much did she drink for each unit of measurement?

\_\_\_\_24\_\_\_\_ cups

\_\_\_\_6\_\_\_\_ quarts

\_\_\_\_12\_\_\_\_ pints

\_\_\_\_1.5\_\_\_\_ gallons

How many cups did Cheri drink of each type of beverage?

\_\_\_\_12.5 c\_\_\_\_ water

\_\_\_\_6.5 c\_\_\_\_ soda

\_\_\_\_5 c\_\_\_\_ sports drink

How many more cups of water did Cheri drink than cups of soda? 6 cups

How many more cups of water did she drink than cups of sports drink? 7.5 cups