

# An Ounce by Any Other Name

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.

8 ounces = \_\_\_\_\_ cups

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

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

80 ounces = \_\_\_\_\_ cups

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

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

6 pints = \_\_\_\_\_ quarts

100 gallons = \_\_\_\_\_ quarts

1 gallon = \_\_\_\_\_ ounces

10 gallons = \_\_\_\_\_ ounces

20 ounces = \_\_\_\_\_ cups

## Part B Directions

Use the conversion table to solve the word problem.

- Josh spent Saturday at a soccer tournament. During the course of the day, Josh drank 64 ounces of water, 32 ounces of soda, and 32 ounces of sports drink.

- For all beverages combined, how much did he drink of each unit of measurement?

\_\_\_\_\_ cups

\_\_\_\_\_ pints

\_\_\_\_\_ quarts

\_\_\_\_\_ gallons

- How many cups did Josh drink of each type of beverage?

\_\_\_\_\_ water

\_\_\_\_\_ soda

\_\_\_\_\_ sports drink

From L.W.Y. Cheung, H. Dart, S. Kalin, B. Otis, and S.L. Gortmaker, 2016, *Eat Well & Keep Moving*, 3rd ed. (Champaign, IL: Human Kinetics).