

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.

8 ounces = ____1____ cups

4 1/2 cups = ____36____ ounces

3 cups = ____24____ ounces

80 ounces = ____10____ cups

3 quarts = ____6____ pints

80 ounces = ____5____ pints

6 pints = ____3____ quarts

100 gallons = ____400____ quarts

1 gallon = ____128____ ounces

10 gallons = ____1,280____ ounces

20 ounces = ____2 1/2____ cups

Part B Directions

Use the conversion table to solve the word problem.

1. 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.

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

____16____ cups

____8____ pints

____4____ quarts

____1____ gallons

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

____8 cups____ water

____4 cups____ soda

____4 cups____ sports drink