

# Capacity Conversions Challenge

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4th Grade Math Practice

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Solve each problem. Show your work when needed.

1. Convert 3 quarts to pints: 3 quarts = \_\_\_ pints

2. Convert 5 gallons to quarts: 5 gallons = \_\_\_ quarts

3. Convert 8 pints to cups: 8 pints = \_\_\_ cups

4. Convert 500 milliliters to liters: 500 milliliters = \_\_\_ liters

5. Sarah has 4 gallons of juice. She uses 2 gallons for a party. How much juice does she have left?

\_\_\_\_\_

6. A recipe calls for 2 liters of water. If you have 1,500 milliliters, how much more do you need?

\_\_\_\_\_

7. Circle the greater capacity: 1 quart or 2 pints

8. What is 1 gallon in quarts? 1 gallon = \_\_\_ quarts

9. 2 liters is greater than 1,000 milliliters.

True  False

10. Convert 12 cups to gallons: 12 cups = \_\_\_ gallons

11. If you have 3 liters of lemonade and you pour out 750 milliliters, how much lemonade is left?

\_\_\_\_\_

12. A container holds 5 quarts. If it is 80% full, how many quarts of liquid are in the container?

\_\_\_\_\_

13. Circle the greater measurement: 2 liters or 1.5 quarts

14. How many cups are in 2 quarts? 2 quarts = \_\_\_ cups

15. 1 pint equals 16 ounces.

True  False

Answer Key

1. 6 2. 20 3. 16 4. 0.5 5. 2 6. 500 7. 2 pints 8. 4 9. True 10. 0.75 11. 2.25 12. 4 13. 2 liters 14. 8 15. False

