

Name _____

Date _____

Identifying Equivalent Measurements: US System

Cups, Pints, Quarts, and Gallons

In this worksheet, we will practice identifying equivalent measurements between units in the US Customary system. Specifically, we will be working with cups, pints, quarts, and gallons. Refer to the table below when solving the problems on this worksheet.

1 pint =	2 cups	Example: 4 quarts = _____ cups 4 quarts x 2 (pints in a quart) x 2 (cups in a pint) = 16 cups
1 quart =	2 pints	
1 gallon =	4 quarts	

Exercise Questions:

1. 4 pints = _____ cups

6. Fill in the table below.

Cups	Pints	Quarts	Gallons
	40		5

2. 8 cups = _____ pints

7. Hannah was measuring flour for a recipe. If the recipe called for 4 cups of flour, how many 1 pint bags of flour would she need?

_____ bags

3. 16 quarts
= _____ gallons

8. Lucas was making drink mix. The recipe called for 2 quarts of water. How many times does he need to fill and empty his 1 cup measuring cup?

_____ times

4. 20 cups
= _____ quarts

5. 2 gallons = _____ cups



Answer Key

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1 quart =	2 pints	
1 gallon =	4 quarts	

Exercise Questions:

1. 4 pints = 8 cups

6. Fill in the table below.

Cups	Pints	Quarts	Gallons
80	40	20	5

2. 8 cups = 4 pints

7. Hannah was measuring flour for a recipe. If the recipe called for 4 cups of flour, how many 1 pint bags of flour would she need?

3. 16 quarts
= 4 gallons

2 bags

4. 20 cups
= 5 quarts

8. Lucas was making drink mix. The recipe called for 2 quarts of water. How many times does he need to fill and empty his 1 cup measuring cup?

8 times

5. 2 gallons = 32 cups

