

Converting Standard Volume Units



Explore

1. Your smallest container is 1 cup. Use this container to answer the following questions.
 - A. How many cups are in a pint? _____
 - B. How many cups are in a quart? _____
 - C. How many cups are in a gallon? _____
2. Use your pint container to answer the following questions.
 - A. How many pints are in a quart? _____
 - B. How many pints are in a gallon? _____
3. Use your quart container. How many quarts are in a gallon? _____
4. Use your answers to Questions 1–3 to fill in the boxes that are not shaded in the table.

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	cup	pint	quart	gallon
number of cups in a				
number of pints in a				
number of quarts in a				
number of gallons in a				

Use the table to help you answer the following questions.

5. How many cups are in 2 pints? _____
6. How many pints are in 4 quarts? _____

- 7. A.** How many quarts are in 3 gallons? _____
B. Show or tell how you found your answer.

- 8. A.** How many cups are in 5 quarts? _____
B. Write a number sentence to show how you found your answer.



Check-In: Questions 9–10

- 9.** Sara is making lemonade. Her recipe is for 8 cups of lemonade. She decided to use a quart pitcher. Do you agree with Sara? Why or why not?
- 10.** Sam wanted to fill a gallon container with water using different containers. First he poured in 1 cup of water. Then he poured in 1 pint of water, and finally he added 1 quart of water. Did he fill the gallon container with water? Show or tell how you know.