

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

**SOL 4.8 Volume Assignment**

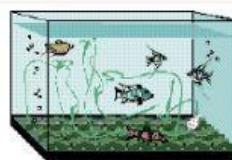
**Directions: Solve for each of the problems.**

**1. Which of the following objects would be measured in pints?**

a.



b.



c.



d.



**2. When completely full, which unit of measure would best describe the amount of the liquid in this pitcher?**



a. cup

b. ounce

c. quart

d. liter

**3. The amount of apple juice in this juice box would be measured in a –**



a. quart

b. cup

c. gallon

d. pint

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4. Jenna used 15 gallons of water to completely fill a container. Which container could be the container Jenna completely filled?

a.



c.



b.



d.



5 - 8. Determine the equivalent measurement for each problem.

1 gallon	=	4 quarts
1 gallon	=	8 pints
1 gallon	=	16 cups

5. 4 gallons = \_\_\_\_\_ cups

6. 32 cups = \_\_\_\_\_ pints

7. 6 quarts = \_\_\_\_\_ cups

8. 12 pints = \_\_\_\_\_ quarts

9. A restaurant has 5 gallons of soup. If 8 pints = 1 gallon, what is the total number of pints of soup the restaurant can serve?

a. 24 pints

b. 40 pints

c. 48 pints

d. 60 pints

10. The school cafeteria is making chili for lunch. The cafeteria manager served a total of 224 cups of chili to the students. If 16 cups = 1 gallon, how many gallons of chili did the cafeteria manager serve that day?

a. 56 gallons

b. 3,584 gallons

c. 28 gallons

d. 14 gallons