

Name _____

Date _____

Use RDW to solve Problems 1–3.

1. Susie has 3 quarts of milk. How many pints does she have?



2. Kristin has 3 gallons 2 quarts of water. Alana needs the same amount of water but only has 8 quarts. How many more quarts of water does Alana need?

3. Leonard bought 4 liters of orange juice. How many milliliters of juice does he have?

4. Complete the following conversion tables and write the rule under each table.

a.

| Gallons | Quarts |
|---------|--------|
| 1 | |
| 3 | |
| 5 | |
| 10 | |
| 13 | |

The rule for converting gallons to quarts is

_____.

b.

| Quarts | Pints |
|--------|-------|
| 1 | |
| 2 | |
| 6 | |
| 10 | |
| 16 | |

The rule for converting quarts to pints is

_____.

5. Solve.

- a. 8 gallons 2 quarts = _____ quarts b. 15 gallons 2 quarts = _____ quarts
- c. 8 quarts 2 pints = _____ pints d. 12 quarts 3 pints = _____ cups
- e. 26 gallons 3 quarts = _____ pints f. 32 gallons 2 quarts = _____ cups

6. Answer true or false for the following statements. If your answer is false, make the statement true.

- a. 1 gallon > 4 quarts _____
- b. 5 liters = 5,000 milliliters _____
- c. 15 pints < 1 gallon 1 cup _____

7. Russell has 5 liters of a certain medicine. If it takes 2 milliliters to make 1 dose, how many doses can he make?

8. Each month, the Moore family drinks 16 gallons of milk and the Siler family goes through 44 quarts of milk. Which family drinks more milk each month?

9. Keith's lemonade stand served lemonade in glasses with a capacity of 1 cup. If he had 9 gallons of lemonade, how many cups could he sell?