

# Volume Word Problems

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

Solve the following word problems. Show number sentence and your workings.

1. How many pints of milk do you need to drink to finish a gallon of milk?



2. A fish tank has a capacity of 100 gallons. With already 40 quarts of water in the tank, how much more is needed to fill it up completely?

3. We have 11 quarts of orange juice. How much juice will we have left if we drink 12 pints of it?



4. How many pints of water do you need to fill up a 3 gallon jerry can?

5. A bathtub has a capacity of 125 gallons. How many quarts of water will it take to fill it up completely?



6. I drink 2 pints of milk everyday. How many quarts of milk do I drink in 5 weeks?

# Answers

Solve the following word problems. Show number sentence and your workings.

1. How many pints of milk do you need to drink to finish a gallon of milk?

$$4 \times 2 = 8 \text{ pints}$$



2. A fish tank has a capacity of 100 gallons. With already 40 quarts of water in the tank, how much more is needed to fill it up completely?

$$(100 \times 4) - 40 = 360 \text{ quarts or } 90 \text{ gallons}$$

3. We have 11 quarts of orange juice. How much juice will we have left if we drink 12 pints of it?

$$(11 \times 2) - 12 = 10 \text{ pints or } 5 \text{ quarts}$$



4. How many pints of water do you need to fill up a 3 gallon jerry can?

$$3 \times 4 \times 2 = 24 \text{ pints}$$

5. A bathtub has a capacity of 125 gallons. How many quarts of water will it take to fill it up completely?

$$125 \times 4 = 600 \text{ quarts}$$



6. I drink 2 pints of milk everyday. How many quarts of milk do I drink in 5 weeks?

$$2 \times 5 \times 7 = 70 \text{ pints} = 35 \text{ quarts}$$