

Volume Word Problems

Name: _____ Class: _____

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

1. The volume of a bottle of water is 950 milliliters.
What is the volume of 5 bottles?



2. A big fish tank has a capacity of 900 liters. If there is already 450 liters in the tank, how much more water is needed to fill it up completely?

3. We have 2 liters of orange juice. How much juice will we have left if we drink 600 ml of it?



4. The volume of the water in a bucket is 4 liters. If you pour 375 milliliters out of it, how much water will you have left?

5. A 1,000 ml cola bottle costs 1 dollar in a shop. How much will it cost you to buy 2 liters of it?



6. I drink 2 liters of milk every day. How many milliliters of milk do I drink in 1 week?

Answers

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

1. The volume of a bottle of water is 950 milliliters.
What is the volume of 5 bottles?

$$5 \times 950 = 4,750 \text{ ml or } 4 \text{ liters } 750 \text{ ml}$$



2. A big fish tank has a capacity of 900 liters. If there is already 450 liters in the tank, how much more water is needed to fill it up completely?

$$900 - 450 = 450 \text{ liters}$$

3. We have 2 liters of orange juice. How much juice will we have left if we drink 600 ml of it?

$$2,000 - 600 = 1,400 \text{ or } 1 \text{ liter } 400 \text{ ml}$$



4. The volume of the water in a bucket is 4 liters. If you pour 375 milliliters out of it, how much water will you have left?

$$4,000 - 375 = 3,625 \text{ ml or } 3 \text{ liters } 625 \text{ ml}$$

5. A 1,000 ml cola bottle costs 1 dollar in a shop. How much will it cost you to buy 2 liters of it?

$$2 \times 1 = 2 \text{ dollars}$$



6. I drink 2 liters of milk every day. How many milliliters of milk do I drink in 1 week?

$$2,000 \times 7 = 14,000 \text{ milliliters}$$