Volume word problems (ml / l / oz / c / g)

Grade 3 Word Problems Worksheet

1. A carton of milk has 32 fluid ounces. If we pour the milk into four mugs evenly, what is the volume of milk in each mug?

2. A can of soup is 350 ml and Jack mixes in a can full of water with the soup. What is the total volume?

3. In a water bottle, there is 3 L of water. If the capacity of the bottle is 9 L, how much more water is needed to fill up the bottle?

4.   A fish tank has the capacity of 24 gallons. If the tank is filled up halfway, how much water is in the tank?

5.   A mega bottle of soda is 512 fluid ounces. There are 3 students, and each drink 20 ounces. How much is left in the bottle?

Answers

1. $32 \div 4 = 8$
   Each mug has 8 fluid ounces of milk.

2. $350 + 350 = 700$
   The total volume is 700 ml.

3. $9 - 3 = 6$
   6 L of water are needed to fill up the bottle.

4. $24 \div 2 = 12$
   12 gallons of water are in the tank.

5. $3 \times 20 = 60$
   The students drank 60 ounces of soda.
   $512 - 60 = 452$
   There are 452 ounces of soda left in the can.