

Multi-Step Conversion Word Problems

Name: _____

Grade 5 · Stories that need a unit conversion and one more step

Each story takes more than one step. Decide what to convert, then solve. Show your work.

1. A ribbon is 2.5 meters long. It is cut into 5 equal pieces. How many centimeters long is each piece?

Answer: _____

2. A cooler holds 3 gallons of lemonade. Each guest gets 2 cups. How many guests can be served?

Answer: _____

3. A bag holds 2 kilograms of flour. One loaf of bread uses 250 grams. How many loaves can be made?

Answer: _____

4. A fence is made of 4 boards laid end to end. Each board is 30 inches long. How many feet long is the fence?

Answer: _____

5. Maya runs 1.5 kilometers every day. How many meters does she run in 4 days?

Answer: _____

6. A puppy weighed 7 pounds 8 ounces. Then it gained 20 ounces. How much does it weigh now, in pounds and ounces?

Answer: _____

Multi-Step Conversion Word Problems (Answer Key)

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Each story takes more than one step. Decide what to convert, then solve. Show your work.

1. A ribbon is 2.5 meters long. It is cut into 5 equal pieces. How many centimeters long is each piece?

$$2.5 \text{ meters} = 250 \text{ centimeters}$$

$$250 \div 5 = 50$$

Answer: 50 centimeters

2. A cooler holds 3 gallons of lemonade. Each guest gets 2 cups. How many guests can be served?

$$3 \text{ gallons} = 48 \text{ cups}$$

$$48 \div 2 = 24$$

Answer: 24 guests

3. A bag holds 2 kilograms of flour. One loaf of bread uses 250 grams. How many loaves can be made?

$$2 \text{ kilograms} = 2,000 \text{ grams}$$

$$2,000 \div 250 = 8$$

Answer: 8 loaves

4. A fence is made of 4 boards laid end to end. Each board is 30 inches long. How many feet long is the fence?

$$4 \times 30 = 120 \text{ inches}$$

$$120 \div 12 = 10$$

Answer: 10 feet

5. Maya runs 1.5 kilometers every day. How many meters does she run in 4 days?

$$1.5 \text{ kilometers} = 1,500 \text{ meters}$$

$$1,500 \times 4 = 6,000$$

Answer: 6,000 meters

6. A puppy weighed 7 pounds 8 ounces. Then it gained 20 ounces. How much does it weigh now, in pounds and ounces?

$$7 \text{ pounds } 8 \text{ ounces} = 120 \text{ ounces}$$

$$120 + 20 = 140 \text{ ounces}$$

Answer: 8 pounds 12 ounces