



Volume & Capacity Word Problems

Grade 5

Name: _____

Solve word problems; apply unit conversions.

Convert units to solve the problem. 1 L = 1,000 mL.

Example: 2 L = 2,000 mL

- (1) A large bottle of soda contains 2.5 L. How many milliliters of soda are in the bottle? 🍷
- _____
- (2) A scientist measures 7500 mL of liquid for an experiment. How many Liters is this amount? 🧪
- _____
- (3) A large cooler holds 5 gallons of juice. How many pints can the cooler hold? 🧊
- _____
- (4) A recipe requires 3 quarts of broth. How many cups of broth are needed? 🍲
- _____
- (5) You pour 10 cups of water into a pot, then add another 6 cups. How many pints of water are in the pot in total? 💧
- _____



(6) A factory produces 64 pints of paint. How many gallons of paint did they produce? 🧠

(7) A gardener uses 3.5 L of fertilizer for each of 10 plants. How many milliliters of fertilizer are used in total? 🌱

(8) A water dispenser holds 3 gallons. If each serving is 1 quart, how many servings can be poured from the dispenser? 🥤

(9) A small jug holds 1,200 mL of juice. A larger jug holds 2.5 L. Which jug holds more, and by how many milliliters? 🍊

(10) A cooler has 15 quarts of lemonade. If 8 pints of lemonade are served, how many quarts of lemonade are left? 🍹

