



Volume & Capacity Word Problems

Grade 3

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 juice contains 5 Liters. How many milliliters is that? 🥤

(2) A science experiment uses 6,000 mL of water. How many Liters is that? 🧪

(3) A farmer fills 5 large milk cans, each holding 3 gallons. How many quarts of milk did he fill in total? 🐄

(4) A restaurant made 7 quarts of iced tea. How many pints of iced tea did they make? 🍹

(5) A baker needs 9 pints of cream for a recipe. How many cups of cream does he need? 🍰



(6) A gardener waters plants with 2 Liters from one can and 1,500 mL from another. How much water did she use in total in milliliters? □

(7) A cooler holds 10 quarts of lemonade. If 8 pints are poured out, how many pints are left? 🏠

(8) A machine dispenses 50 mL of medicine per dose. How many doses can it dispense from a 1 Liter bottle? 💊

(9) A large water cooler holds 5 gallons. A smaller cooler holds 18 quarts. Which cooler holds more water? 💧

(10) You have 24 cups of punch. How many quarts of punch do you have? 🥤

