



Volume & Capacity Word Problems






Grade 4

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 water bottle holds 2 Liters of water. How many milliliters is that? 
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- (2) A scientist measures 7,500 mL of a chemical solution. How many Liters is this? 
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- (3) A farmer fills two milk cans. One holds 3 gallons and the other holds 5 gallons. How many quarts of milk are there in total? 
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- (4) A cooler contains 10 quarts of juice. If 8 pints are served, how many pints of juice are left? 
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- (5) A recipe for punch requires 3 pints of orange juice and 2 pints of pineapple juice. How many cups of juice are needed in total? 
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(6) You have 16 cups of water. How many pints can you fill? 💧

(7) A large container holds 6 gallons of liquid. How many pints does it hold? 🗄️

(8) A plant needs 1,200 mL of water in the morning and 800 mL in the evening. How many Liters of water does it get in a day? 🌱

(9) A factory produces 28 quarts of paint. How many full gallons of paint can be made? 🎨

(10) A large pot holds 12 pints of soup. A serving bowl holds 3 quarts. How many more pints does the pot hold than the serving bowl? 🍲

