



## Potion Master Word Problems

Grade 5

Name: \_\_\_\_\_

Convert between customary and metric liquid units.

💡 1,000 mL = 1 L | 4 qt = 1 gal | 2 pt = 1 qt | 2 cups = 1 pt

**Example:** 2 L - 500 mL = 1,500 mL

(1) A potion recipe calls for 750 mL of enchanted dew. If a wizard needs to make 8 batches, how many liters of enchanted dew are needed? 💧

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(2) A magical fountain dispenses 3 gallons of sparkling water every hour. How many cups will it dispense in 5 hours? 🧊

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(3) A large barrel holds 15.5 liters of goblin gunk. If a potion master uses 3,800 mL for a spell, how many liters of gunk are left? 🧪

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(4) A potion master has 10 quarts of liquid moonlight. If he pours it equally into 20 small vials, how many cups are in each vial? 🍷

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(5) Three different magical ingredients are mixed: 2.5 L of dragon's breath, 1,500 mL of griffin's tears, and 700 mL of pixie dust. What is the total volume in liters?



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(6) A cauldron needs 6 gallons of swamp water. You have 20 quarts. Do you have enough swamp water? 🐸

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(7) A magical tap fills a 2-liter bottle in 30 seconds. How many liters can it fill in 5 minutes? 🕒

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(8) A barrel contains 8 gallons of enchanted oil. A wizard uses 12 pints for one spell and 4 quarts for another. How many gallons of oil are left? 🛢️

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(9) A potion master needs to distribute 12.8 liters of a potent antidote equally into 16 small flasks. How many milliliters will be in each flask? 🧪

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(10) To create a powerful elixir, a recipe calls for 3 cups of moonbeam per batch. If a wizard wants to make 7 batches, how many quarts of moonbeam will be needed? 🌙

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