



Potion Master Word Problems

Grade 3

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 master needs 7 L of sparkling water for a spell. He has 3,700 mL. How many more mL does he need? ✨

(2) A giant's cauldron holds 7 gallons of green goo. How many quarts of goo is that? 🧪

(3) A recipe calls for 7 quarts of unicorn tears. How many pints is that? 🦄

(4) You have 7 pints of goblin's blood in a jar. How many cups do you have? 🩸

(5) A wizard brewed 8,700 mL of a sleeping potion. He poured 2 L into a bottle. How many mL are left in the cauldron? 🧙



(6) A magic fountain produces 7 gallons of healing elixir. How many pints is that? 💧

(7) You need 17 cups of moon dew for a rare potion. You have 7 pints. How many more cups do you need? 🌕

(8) A cauldron contains 5 L of potion. You add 1,700 mL and then remove 2 L. How many mL are in the cauldron? 🔥

(9) A potion master has 72 quarts of truth serum. He wants to fill small vials that hold 2 pints each. How many vials can he fill? 🧪

(10) A wizard has two barrels. One holds 3 gallons of water, and the other holds 7 quarts. How many total pints of liquid does he have? 🧙

