



## Potion Master Word Problems

Grade 4

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 large barrel of magical water holds 15 L. How many mL is that? 💧
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- (2) A magical fountain produces 25,000 mL of sparkling elixir. How many liters is that? ✨
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- (3) A potion master needs 6 gallons of moonbeam dew. If each bottle holds 2 quarts, how many bottles does he need? 🍷
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- (4) A recipe calls for 3 quarts of goblin's blood and 2 pints of fairy tears. How many total pints of liquid are needed? 🩸
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- (5) You have 10 pints of dragon's breath. If you use 8 cups for a spell, how many cups are left? 🐉
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(6) A cauldron contains 7 L of swamp water and 3,500 mL of magic mud. How many total milliliters are in the cauldron? 


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(7) A large vat holds 10 gallons of invisibility serum. If 12 quarts are used, how many gallons are left? 


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(8) A potion bottle holds 0.5 L. A small vial holds 400 mL. Which holds more and by how much in mL? 

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(9) A wizard has 12 L of liquid sunshine. He wants to pour it equally into 4 large flasks. How many milliliters will be in each flask? 

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(10) A magical recipe requires 8 cups of enchanted berries. You have 3 pints of berries. How many more cups do you need? 

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