Name _____

Potion Master's Lab

Conversion Key (Use as Needed)

1 L = 1000 mL   1 mL = 0.001 L   1 kL = 1000 L   1 L = 0.001 kL

1 m³ = 1000 L   1 L ≈ 0.264 gal   1 gal ≈ 3.785 L

A. Basic Conversions

1. A healing potion requires **750 milliliters** of dragon's breath. How many **liters** is that? _____

2. The cauldron can hold **4.5 liters** of elixir. How many **milliliters** is that? _____

3. A barrel of troll tonic contains **0.75 kiloliters**. Convert to **liters.** _____

4. A vial of moonlight essence holds **0.03 liters**. How many **milliliters** is that? _____

B. Advanced Potion Measurements

5. A tank stores **2.5 kiloliters** of potion base. How many **milliliters** is that? _____

6. The Potion Master needs **15 liters** of salamander oil but only has milliliter flasks. How many **milliliters** does he need? _____

7. A student mixes **3,500 mL** of bat's blood. Convert to **liters.** _____

8. The main brewing vat holds **5.2 kiloliters.** How many **liters** will fill it halfway? _____

C. Potion Trade Across Realms

9. A shipment of potion liquid measures **2 kiloliters.** Convert to **gallons.** _____

10. The Potion Master exports **380 liters** of elixir. How many **gallons** is that? _____

Bonus Challenge

11. A giant potion reservoir can hold **7.5 cubic meters** of liquid.

How many **liters** is that? _____