

# MY Homework

## Lesson 1

### Hands On: Estimate and Measure Capacity

## Homework Helper



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**Is 1 liter or 1 milliliter a more reasonable estimate for a drop of food coloring Brianne will use to color icing for baking?**

Use a liter to measure greater capacity.

Use a milliliter to measure lesser capacity.

A drop of food coloring is a small amount. It is unreasonable to estimate that one drop is a liter of liquid.

So, 1 milliliter of food coloring is a more reasonable estimate.



## Practice

Circle the better unit to measure each capacity.

1.


 milliliter

 liter

2.


 milliliter

 liter

3.


 milliliter

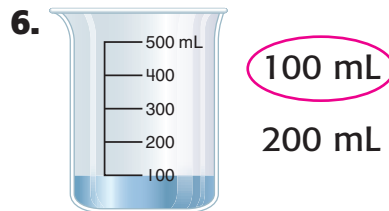
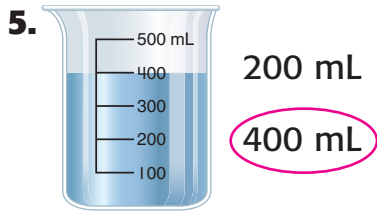
 liter

4.



 milliliter

 liter

How much water is in each container? Circle the amount.



## Problem Solving

7. **Mathematical PRACTICE**  **Use Mental Math** Ian is going to water his plants. Is it reasonable to say he will fill the watering can with 3 liters of water? Explain.

**Yes; Sample answer: 3 liters is a reasonable amount for a watering can to hold.**

8. Gianna is heating a can of soup for lunch. Is it reasonable to say she is heating 3 milliliters or 300 milliliters of soup? Explain.

**It is reasonable to say she is heating 300 milliliters because 3 milliliters is only about one spoonful.**

9. Vincent is painting all four walls of his bedroom. Is it more reasonable to measure the paint he will use in milliliters or liters? Explain.

**It will probably take a lot of paint to cover four walls. So, it is more reasonable to measure the paint he will need in liters.**

## Vocabulary Check



Match each vocabulary word or set of words to its meaning.

- |                            |   |
|----------------------------|---|
| 10. capacity/liquid volume | • a metric unit used for greater capacities |
| 11. liter (L)              | • a standard for measurement                |
| 12. milliliter (mL)        | • the amount of liquid a container can hold |
| 13. unit                   | • a metric unit used for smaller capacities |
| 14. metric units           | • a unit of measure in the metric system.   |