

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

## Capacity Questions: Milliliters and Liters

1. Which of the following should not be measured in liters or milliliters? (Circle one.)

gasoline

orange juice

potatoes

dish soap

Why wouldn't you use liters or milliliters to measure this item?

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2. Complete the table.

Metric Units for Measuring Capacity	Customary or Standard Units for Measuring Capacity



3. Is 250 grams of water the same as 250 milliliters of water? Explain.

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4. Which would be more likely to be measured in liters: a can of soda or gasoline? Explain why.

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**Challenge:** Make a list of 25 different things that could be measured in liters or milliliters.

# **ANSWER KEY**

## **Capacity Questions: Milliliters and Liters**

1. Which of the following should not be measured in liters or milliliters? (Circle one.)

gasoline      orange juice      potatoes      dish soap

Why wouldn't you use liters or milliliters to measure this item?

**Potatoes should not be measured in milliliters because they are a solid. Solids don't take the shape of their container, so their space cannot be easily measured in liters or milliliters.**

2. Complete the table.

Metric Units for Measuring Capacity	Customary or Standard Units for Measuring Capacity
milliliters	gallons



3. Is 250 grams of water the same as 250 milliliters of water? Explain.

**No because a gram is a unit for measuring mass while a milliliter is a unit for measuring capacity or volume.**

4. Which would be more likely to be measured in liters: a can of soda or gasoline? Explain why.

**Gasoline is more likely to be measured in liters because it is purchased in larger amounts. A can of soda is usually measured in milliliters to avoid fractions or decimals on the can.**

**Challenge:** Make a list of 25 different things that could be measured in liters or milliliters.