

Liquid Tool Hunt

Find the tools that are best for measuring liquids.

2.MG.1.a.iii "Explain the purpose of various measurement tools and how to use them appropriately by: identifying different types of measuring cups as instruments to measure liquid volume."

NAME _____

DATE _____

BEST FOR MEASURING LIQUID VOLUME

Use a liquid measuring tool to find how much liquid there is. It has measurement marks and is made for pouring liquids.

A marked beaker can measure water.

NOT BEST FOR MEASURING LIQUID VOLUME

Some tools measure something else, such as length, weight, or temperature. They are not the best tools for finding how much liquid there is.

A thermometer checks how warm something is.

1 SORT 8 items

Circle LIQUID or NOT BEST for each item, then choose two items and write how you knew where each one belongs.

- | | | |
|--|------------------------------|--------------------------------|
| 1. A clear cup with a pouring lip and cup marks | ☐ LIQUID | ☐ NOT BEST |
| 2. A tall container marked in milliliters for milk | ☐ LIQUID | ☐ NOT BEST |
| 3. A ruler | ☐ LIQUID | ☐ NOT BEST |
| 4. A 4-cup measure with a handle and a spout | ☐ LIQUID | ☐ NOT BEST |
| 5. A bathroom scale | ☐ LIQUID | ☐ NOT BEST |
| 6. A set of level-fill cups for flour | ☐ LIQUID | ☐ NOT BEST |
| 7. A marked pitcher for pouring soup | ☐ LIQUID | ☐ NOT BEST |
| 8. A measuring jug with ounce lines | ☐ LIQUID | ☐ NOT BEST |

2

PROVE IT

Explain your thinking

Pick two items from Part 1. For each one, tell how you knew where it belonged.

ITEM # _____ HOW I KNEW _____

ITEM # _____ HOW I KNEW _____

3

MAKE YOUR OWN

One of each

Write one new example that belongs in LIQUID and one new example that belongs in NOT BEST.

LIQUID

NOT BEST

CHALLENGE

You need to measure 1 cup of juice. You have a cup with no marks and a liquid measuring cup. Which one would you use? Explain why.

PART 1 • SORT

#	ITEM	CATEGORY	WHY
1	A clear cup with a pouring lip and cup marks	LIQUID	The marks and pouring lip show that it is a liquid measuring cup.
2	A tall container marked in milliliters for milk	LIQUID	Milliliter marks are used to measure liquid volume.
3	A ruler	NOT BEST	A ruler measures length, not liquid volume.
4	A 4-cup measure with a handle and a spout	LIQUID	It is a liquid measuring cup made for measuring and pouring liquids.
5	A bathroom scale	NOT BEST	A scale measures weight, not liquid volume.
6	A set of level-fill cups for flour	NOT BEST	Dry measuring cups are best for dry ingredients, not for measuring liquid volume.
7	A marked pitcher for pouring soup	LIQUID	Measurement marks on a pouring pitcher can show liquid volume.
8	A measuring jug with ounce lines	LIQUID	Ounce lines on a measuring jug can show how much liquid it holds.

PART 2 • PROVE IT

Accept any explanation that names the deciding feature from the rule box for the chosen item.

PART 3 • MAKE YOUR OWN (SAMPLE ANSWERS)

- **LIQUID:** A 1-pint liquid measure.
- **NOT BEST:** A tape measure.

Challenge: I would use the liquid measuring cup because its marks show one cup of juice.

For Part 2, accept explanations that name measurement marks, a spout, or a pouring lip for LIQUID tools. For NOT BEST tools, students may explain what the tool measures instead, such as length or weight.