

Tool Match-Up

Choose the tool that fits the measuring job.

2.MG.1 "The student will reason mathematically using standard units (U.S. Customary) with appropriate tools to estimate, measure, and compare objects by length, weight, and liquid volume to the nearest whole unit..."

NAME _____

DATE _____

RIGHT TOOL

A tool is right when it matches the job. Use a ruler for length in inches, a scale for weight in pounds, and a measuring cup for liquid in cups.

Use a scale to find the pounds of a suitcase.

WRONG TOOL

A tool is wrong when it does not match the job. Think about whether you are measuring length, weight, or liquid.

Use a ruler to find the cups of cereal in a bowl.

1 SORT

8 items

Circle RIGHT or WRONG for each tool choice, then pick two items and tell how each tool does or does not fit the job.

1. Use a ruler to measure the length of a crayon.

RIGHT

WRONG

2. Use a measuring cup to find the weight of a backpack.

RIGHT

WRONG

3. Use a scale to measure the weight of a pumpkin.

RIGHT

WRONG

4. Use a measuring cup to measure the juice in a pitcher.

RIGHT

WRONG

5. Use a ruler to measure how many pounds a dog weighs.

RIGHT

WRONG

6. Use a ruler to measure the length of a book.

RIGHT

WRONG

7. Use a scale to measure the cups of water in a pot.

RIGHT

WRONG

8. Use a measuring cup to measure the length of a jump rope.

RIGHT

WRONG

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 RIGHT tool choice and one new WRONG tool choice.

RIGHT _____

WRONG _____

CHALLENGE

A jar holds 4 cups of water. A bowl holds 2 cups. Which container holds more liquid, and how many more cups does it hold?

PART 1 • SORT

#	ITEM	CATEGORY	WHY
1	Use a ruler to measure the length of a crayon.	RIGHT	A ruler measures length in inches.
2	Use a measuring cup to find the weight of a backpack.	WRONG	A measuring cup measures liquid volume, not weight.
3	Use a scale to measure the weight of a pumpkin.	RIGHT	A scale measures weight in pounds.
4	Use a measuring cup to measure the juice in a pitcher.	RIGHT	A measuring cup measures liquid volume in cups.
5	Use a ruler to measure how many pounds a dog weighs.	WRONG	A ruler measures length, not weight.
6	Use a ruler to measure the length of a book.	RIGHT	A ruler measures length in inches.
7	Use a scale to measure the cups of water in a pot.	WRONG	A scale measures weight, not liquid volume in cups.
8	Use a measuring cup to measure the length of a jump rope.	WRONG	A measuring cup measures liquid volume, not length.

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)

- **RIGHT:** Use a measuring cup to find how many cups of broth are in a pan.
- **WRONG:** Use a scale to measure the length of a window.

Challenge: The jar holds more liquid. It holds 2 more cups.

For Part 2, students should name the measurement job and explain why the tool matches or does not match it. Accept varied Part 3 examples when the tool use is accurate.