Tool Match-Up

Choose the best tool for each measuring job.

MA.4.M.1.1 "Select and use appropriate tools to measure attributes of objects."

NAME _____ DATE _____

USE A RULER

Use a ruler to measure a small, straight object. A ruler works well when the object can lie flat beside it.

Measure the length of a crayon with a ruler.

USE A TAPE MEASURE

Use a tape measure to measure something long or something curved. A tape measure can bend and stretch farther than a ruler.

Measure the distance around a waist with a tape measure.

1 SORT

8 items

Circle RULER or TAPE for each job, then choose two items and explain how you knew which tool was best.

1.	Measure the length of a fork.	RULER	TAPE
2.	Find the distance around a basketball.	RULER	TAPE
3.	Measure the width of a notebook.	RULER	TAPE
4.	Find the length of a classroom wall.	RULER	TAPE
5.	Measure the distance around a jar.	RULER	TAPE
6.	Measure the length of a key.	RULER	TAPE
7.	Find the length of a sidewalk.	RULER	TAPE
8.	Measure the width of an index card.	RULER	TAPE

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 measuring job for RULER and one new measuring job for TAPE.

RULER _____

TAPE _____

CHALLENGE

A team needs to measure the width of a bookmark, the distance around a trash can, and the length of a school bus. Name the best tool for each job. Then measure an actual index card. Your teacher provides an index card, a centimeter ruler, and a tape measure. Choose the appropriate tool, measure the card width from zero, and record the tool, measurement and centimeters. Explain why your tool fits this job.

ANSWER KEY

Tool Match-Up

GRADE 4 · MA.4.M.1.1

PART 1 · SORT

#	ITEM	CATEGORY	WHY
1	Measure the length of a fork.	**RULER**	A fork is a small, straight object.
2	Find the distance around a basketball.	**TAPE**	A basketball is curved, so a flexible tape measure works best.
3	Measure the width of a notebook.	**RULER**	A notebook is a small, straight object.
4	Find the length of a classroom wall.	**TAPE**	A classroom wall is too long for a ruler to be the best choice.
5	Measure the distance around a jar.	**TAPE**	A jar is curved, so the tape measure can wrap around it.
6	Measure the length of a key.	**RULER**	A key is a small, straight object.
7	Find the length of a sidewalk.	**TAPE**	A sidewalk is long, so a tape measure is the better tool.
8	Measure the width of an index card.	**RULER**	An index card is small and straight.

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)

- **RULER**: Measure the height of a juice box with a ruler.
- **TAPE**: Measure the distance around a tree trunk with a tape measure.

Challenge: Use a ruler for the bookmark. Use a tape measure for the trash can and the school bus. Actual card measurements vary. A centimeter ruler is appropriate; align the card edge with zero and read the other edge. Record the measured width with centimeters.

Accept explanations that connect rulers to small, straight objects and tape measures to long or curved objects. Students may describe a tape measure as flexible or able to wrap around an object. Observe the learner actually use the selected tool and check the recorded readout against the provided card. Do not grade against a fixed card width.