Unit Match Up

Sort objects by the better length unit.

MA.3.M.1 "Measure attributes of objects and solve problems involving measurement."

NAME _____ DATE _____

CENTIMETERS

Use centimeters for short objects. A centimeter is a small unit of length.

A button is best measured in centimeters.

METERS

Use meters for long or tall objects. A meter is a larger unit of length.

A soccer field is best measured in meters.

1 SORT

8 items

For each item, circle the better unit, then choose two items and explain how the object's size helped you decide.

1.	a pencil	CENTIMETER	METER
2.	a crayon	CENTIMETER	METER
3.	a doorway	CENTIMETER	METER
4.	an ant	CENTIMETER	METER
5.	a bed	CENTIMETER	METER
6.	a classroom	CENTIMETER	METER
7.	a paper clip	CENTIMETER	METER
8.	a sidewalk	CENTIMETER	METER

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 object best measured in centimeters and one new object best measured in meters.

CENTIMETER _____

METER _____

CHALLENGE

Use 1 meter = 100 centimeters. A ribbon is 2 meters long. How long is the ribbon in centimeters?

ANSWER KEY # Unit Match Up

GRADE 3 · MA.3.M.1

PART 1 · SORT

#	ITEM	CATEGORY	WHY
1	a pencil	**CENTIMETER**	A pencil is a short object.
2	a crayon	**CENTIMETER**	A crayon is a short object.
3	a doorway	**METER**	A doorway is tall.
4	an ant	**CENTIMETER**	An ant is very short.
5	a bed	**METER**	A bed is long.
6	a classroom	**METER**	A classroom is large.
7	a paper clip	**CENTIMETER**	A paper clip is short.
8	a sidewalk	**METER**	A sidewalk can be long.

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)

- **CENTIMETER**: A spoon is best measured in centimeters.
- **METER**: A playground is best measured in meters.

Challenge: 200 centimeters

Accept any explanation that names the deciding feature from the rule box for the chosen item. For Part 2, accept explanations that connect a short object to centimeters or a long or tall object to meters. For Part 3, accept any reasonable object and matching unit.