

Choose the Unit

Sort objects by the better length unit.

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

NAME _____

DATE _____

BEST MEASURED IN CENTIMETERS

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

A button is best measured in centimeters.

BEST MEASURED IN 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?

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

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.