



Measuring Length

2.MD.A.1

How to Measure in Metric Units

-  Choose the appropriate measurement tool.
 - Ruler
 - Meter stick
-  Place the item on the 0 of the measurement tool.
 A green crayon is placed on a ruler. The ruler is marked in centimeters. The crayon starts at the 0 mark and ends at the 9 mark. The text '9 centimeters' is written above the ruler. Two purple arrows point to the 0 and 9 marks on the ruler.
-  Measure from end to end of the object.
-  Write the measurement, and always include the unit.

 A cartoon illustration of a young boy with brown skin, wearing a green t-shirt with a 'Math Rocks!' badge, red shorts, and sneakers. He is holding a ruler horizontally in front of him, measuring his height. The ruler is marked in centimeters from 1 to 15.

Digital Lesson & Printable Recording Sheet

Vocabulary

Match the vocabulary card to the definition.

Ruler



A measuring tool that is one foot long marked with inches and centimeters.

Meter Stick



A measuring tool that is one meter long marked with centimeters.

Yard Stick



A measuring tool that is one yard long marked with inches.

Measuring Tape



A long flexible ruler.

Labeling Measuring Tools

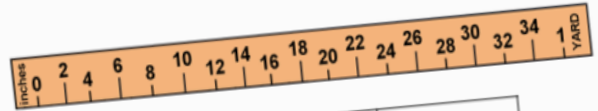
Drag and drop the name of each tool, the unit of measurement and what it is measuring in the chart next to each measurement tool.



Name	Unit	This measures..
Ruler	inches, centimeters, feet	length



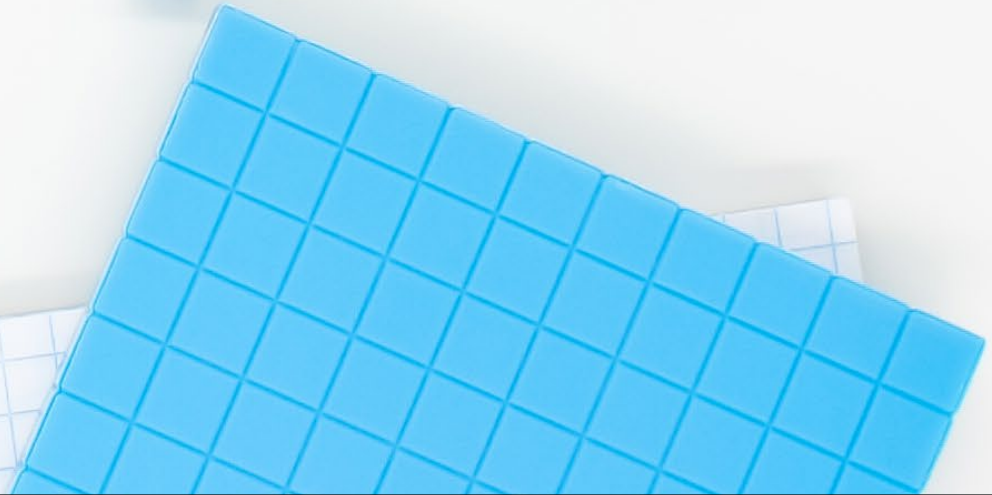
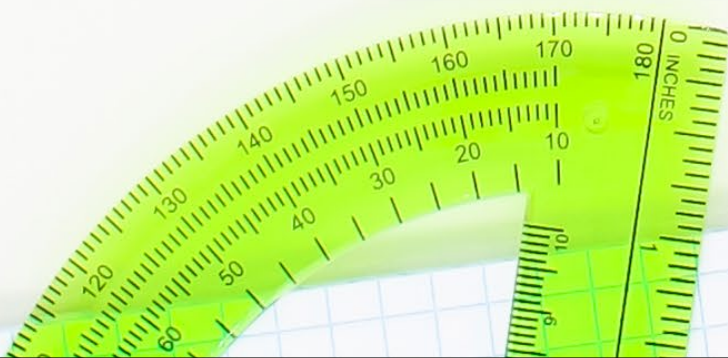
Name	Unit	This measures..
Meter Stick	meters, centimeters	length



Name	Unit	This measures..
Yard Stick	yards, feet inches	length



Name	Unit	This measures..
Measuring Tape	inches, centimeters, feet	length



Let's Watch!

Watch the video to learn about measuring with different tools.



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Explore

Put a check mark next to the correct estimate for each object.



- ☒ 6 centimeters
- ☐ 6 feet
- ☐ 6 meters



- ☐ 3 centimeters
- ☒ 3 feet
- ☐ 3 yards



- ☒ 5 inches
- ☐ 5 yards
- ☐ 5 feet



- ☐ 2 centimeters
- ☐ 2 feet
- ☒ 2 meters

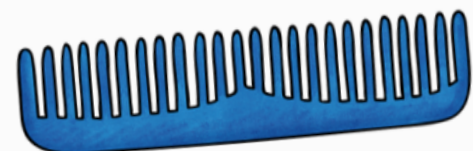
©2014 Teacher

Explore

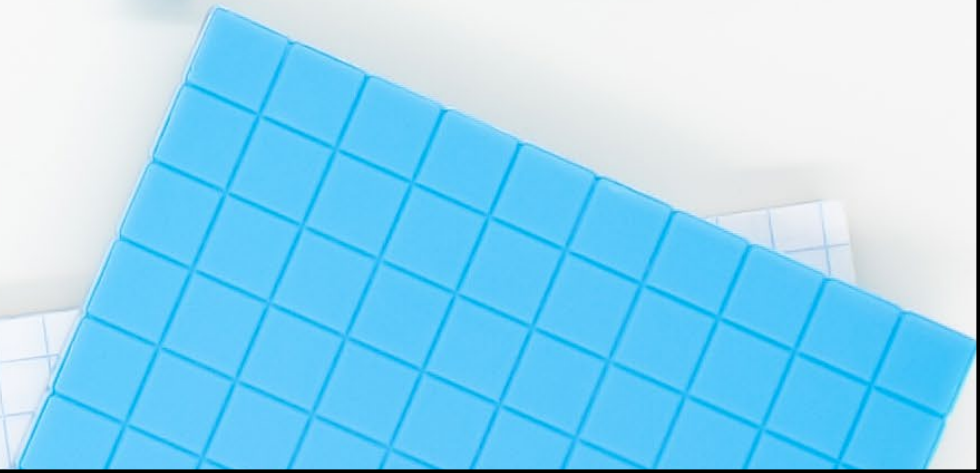
Use the ruler to measure the length in inches. Write the length in the box.



Length
6 inches



Length
5 inches



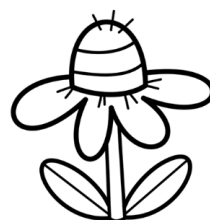
Name: _____ Date: _____

Measuring Length Lesson Recording Sheet: Day 1

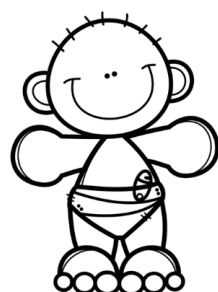
Explore: Look at the pictures below. Put a check mark next to the objects you would measure the length of.



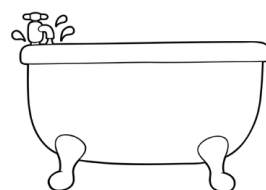
Around a
basketball

☐

How tall a
flower is

☐

How much
a baby
weighs

☐

How hot
the water
in the
bath is

☐

Collaborate & Share: Work with a partner or your group to write 3 objects in the room with you that would be measured in length. Then, write an explanation to the class of how you know your objects are measured in length.

Objects you can measure the
length of:

1.

2.

3.

I know I would be measuring
length because because....



Name: _____ Date: _____

Measuring Length Lesson Recording Sheet: Day 3

Vocabulary: Match the vocabulary cards to the definition.

Ruler

A measuring tool that is one yard long marked with inches.

Meter Stick

A measuring tool that is one meter long marked with centimeters

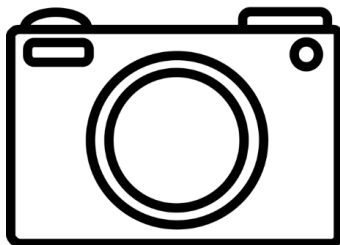
Yard Stick

A measuring tool that is one foot long marked with inches and centimeters.

Measuring Tape

A long flexible ruler.

Explore: What unit would you use to measure each item in real life? Write the unit.



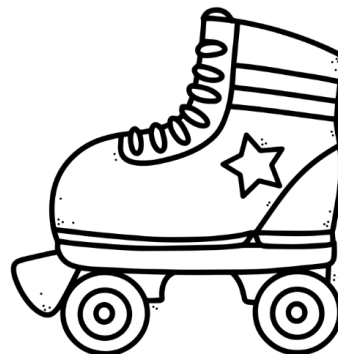
Unit



Unit



Unit



Unit