

Name _____

10.5

Measure Lengths in Centimeters



Learning Target: Measure the length of an object in centimeters.

Explore

Use a centimeter cube to find the length of each string.



_____ centimeters



_____ centimeters



_____ centimeters

Draw a string that has the given length.

6 centimeters

8 centimeters

4 centimeters

Communicate Clearly
Explain how you measured.

4
MTR



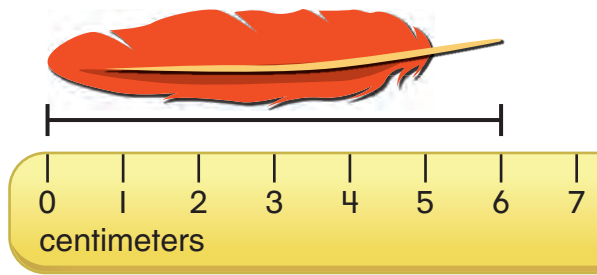
Measurement

MA.1.M.1.1: Estimate the length of an object to the nearest inch. Measure the length of an object to the nearest inch or centimeter.



Build Understanding

Measure the length of the object. Start measuring from the zero mark on the ruler.



Find the centimeter mark closest to the end of the object.



1 centimeter

about 6 centimeters

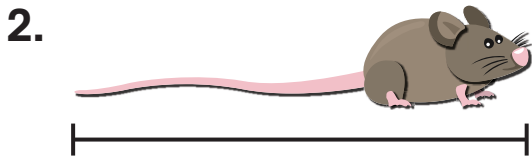


Try It

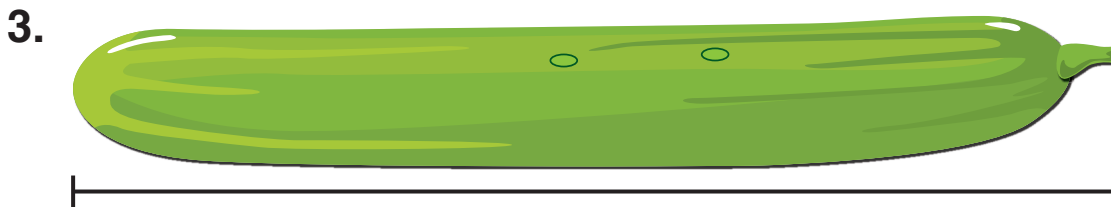
Measure.



about _____ centimeter



about _____ centimeters



about _____ centimeters



Name _____



In-Class Practice



I don't understand yet.

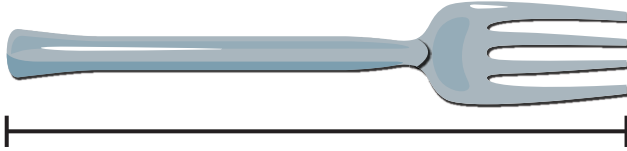


I understand some.



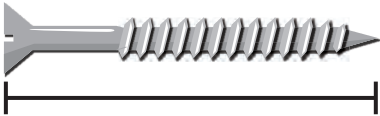
I understand.

4.



about _____ centimeters

5.



about _____ centimeters

6. **Maintain Accuracy** Circle the crayons that are longer than 8 centimeters, but shorter than 11 centimeters.

3
MTR



2
MTR

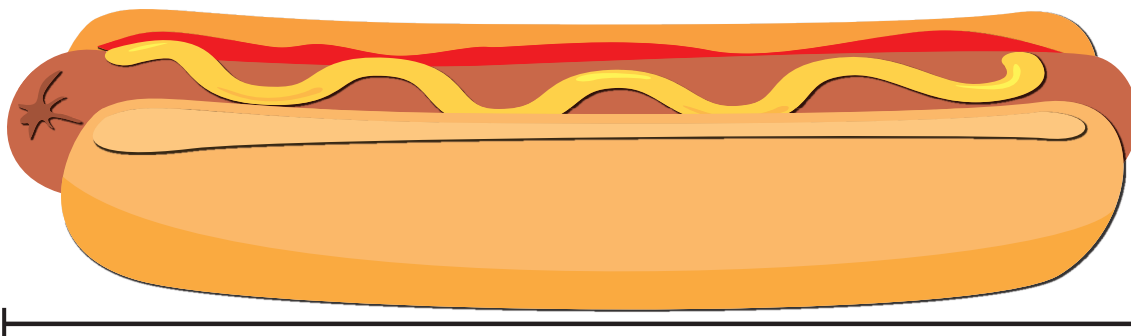
Use Math Tools
Why must you start measuring from the zero mark on a ruler?



Model Real Life

7
MTR

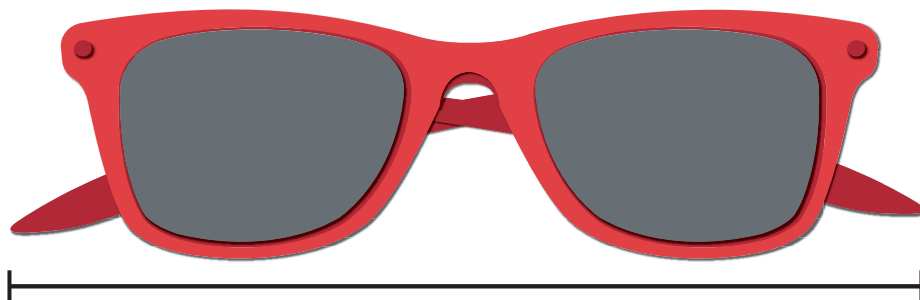
Will the hot dog fit in a paper tray that is 18 centimeters long? Explain.



Circle: Yes No

Try It

7. Will the sunglasses fit inside a case that is 10 centimeters long? Explain.



Yes

No



Name _____

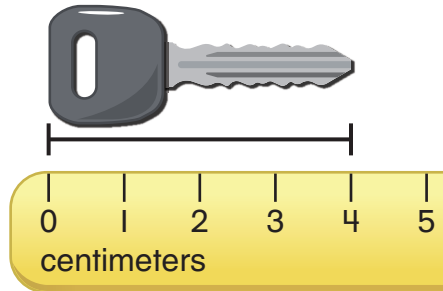
10.5

Practice

Learning Target: Measure the length of an object in centimeters.

Example

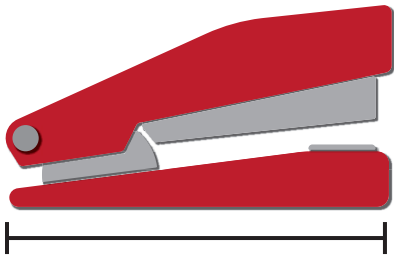
Start measuring from the zero mark on the ruler.



about 4 centimeters

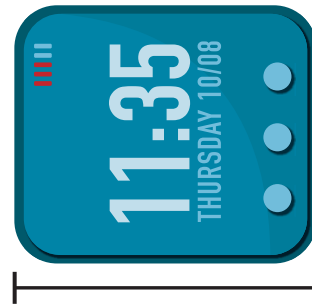
Measure.

1.



about _____ centimeters

2.



about _____ centimeters

3.



about _____ centimeters

4.



about _____ centimeters



5. **You Be the Teacher** Your friend says the ribbon is about 14 centimeters long. Is your friend correct? Explain.

4
MTR



6. **Model Real Life** Will the pen fit inside a pouch that is 18 centimeters long? Explain.

7
MTR



Yes No _____

7. **DIG DEEPER** Draw a pencil that is 2 centimeters longer than the pen in Exercise 6. Will it fit inside the pouch?

Yes No

Review & Refresh

8. $53 - 7 = \underline{\quad}$

9. $26 - 8 = \underline{\quad}$

