

# Measure with a Centimeter Model

Go Online  
Interactive Examples

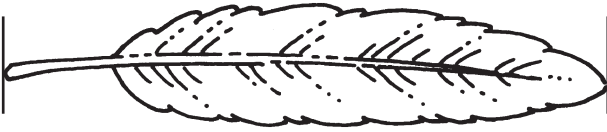
Use a unit cube. Measure the length in centimeters.

1.



about \_\_\_\_ centimeters

2.



about \_\_\_\_ centimeters

3.



about \_\_\_\_ centimeters

## Problem Solving



Solve. Write or draw to explain.

4. Aura has a pencil that is 3 centimeters shorter than this string. How long is the pencil?



about \_\_\_\_ centimeters

5. Math Write about using a unit cube to measure lengths in this lesson.

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## Lesson Check

6. Carola used unit cubes to measure the length of a ribbon. Each unit cube is about 1 centimeter long. What is the length of the ribbon?



about \_\_\_\_ centimeters

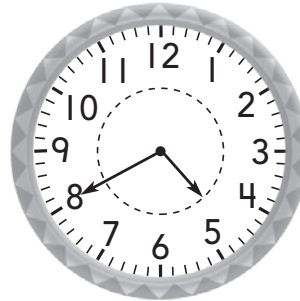
## Spiral Review

7. What is the time on this clock?



\_\_\_\_ : \_\_\_\_

8. What is the time on this clock?



\_\_\_\_ : \_\_\_\_

9. Dan has a paper strip that is 28 inches long. He tears 6 inches off the strip. How long is the paper strip now?

$$28 - 6 = \blacksquare$$

\_\_\_\_ inches

10. Rita has 1 quarter, 1 dime, and 2 pennies. What is the total value of Rita's coins?

\_\_\_\_ or \_\_\_\_ cents

Name \_\_\_\_\_

**Estimate Lengths in Centimeters**

Go Online

Interactive Examples

1. The toothpick is about 6 centimeters long. Circle the best estimate for the length of the yarn.



6 centimeters

9 centimeters

12 centimeters

2. The pen is about 11 centimeters long. Circle the best estimate for the length of the eraser.



4 centimeters


10 centimeters

14 centimeters

**Problem Solving** 

3. The string is about 6 centimeters long. Draw a pencil that is about 12 centimeters long.

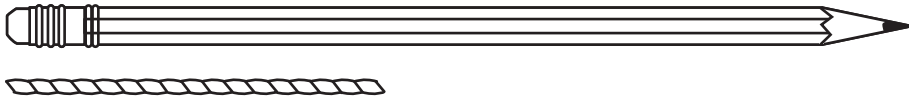


4.  Choose one problem above. Describe how you decided which estimate was the best choice.

\_\_\_\_\_

## Lesson Check

5. The pencil is about 12 centimeters long. Circle the best estimate for the length of the yarn.



1 centimeter

5 centimeters

11 centimeters

## Spiral Review

6. Deigo has 58 baseball cards. He gives 23 of them to his sister. How many baseball cards does Deigo have left?

$$\begin{array}{r} 58 \\ - 23 \\ \hline \end{array}$$

baseball cards

7. What is the sum?

$$14 + 65 = \underline{\quad}$$

8. Yousef has a cube train that is 13 inches long. He adds 6 inches of cubes to the train. How long is the cube train now?

$$13 + 6 = \blacksquare$$

\_\_\_\_\_ inches

9. What is the total value of this group of coins?



\_\_\_\_\_, or \_\_\_\_\_ cents

Name \_\_\_\_\_

## Measure with a Centimeter Ruler

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Interactive Examples

Measure the length to the nearest centimeter.



\_\_\_\_\_ centimeters


2.



\_\_\_\_\_ centimeters

### Problem Solving

3. Draw a string that is about 8 centimeters long. Use the pictures above to help you. Then use a centimeter ruler to check the length.

4.  Measure the length of the top of your desk in centimeters. Describe how you found the length.

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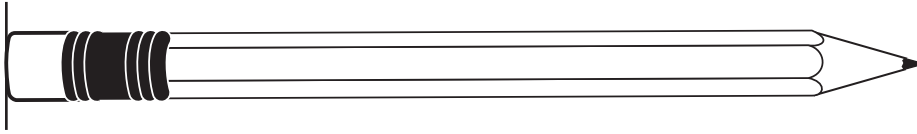
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## Lesson Check

5. Use a centimeter ruler. What is the length of this pencil to the nearest centimeter?



\_\_\_\_\_ centimeters

## Spiral Review

6. What is the time on this clock?



\_\_\_\_\_ : \_\_\_\_\_

7. What is the total value of this group of coins?



\_\_\_\_\_ or \_\_\_\_\_ cents

8. Use an inch ruler. How many inches long is the feather?



\_\_\_\_\_ inches

Name \_\_\_\_\_

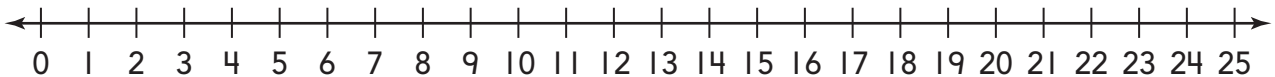
## Add and Subtract Lengths in Centimeters

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Interactive Examples

Draw a diagram. Write an equation using a ■ for the unknown number. Then solve.

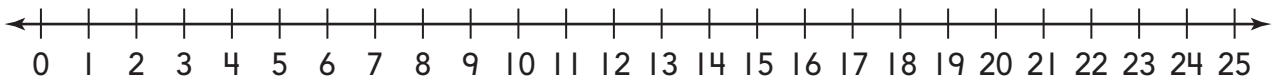
1. A straw is 20 centimeters long. Mr. Song cuts 8 centimeters off the straw. How long is the straw now?



\_\_\_\_\_

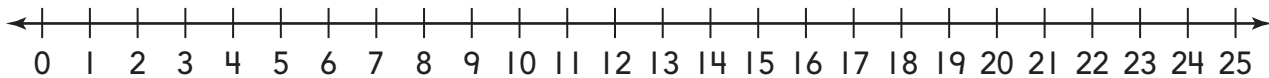
The straw is \_\_\_\_\_ centimeters long now.

2. Draw and describe a diagram for a problem about the total length of three ribbons, 13 centimeters long, 2 centimeters long, and 5 centimeters long.



## Lesson Check

3. Acacia has a paper clip chain that is 25 centimeters long. She takes off 8 centimeters of the chain. Then she puts 4 centimeters back on the chain. How long is the chain now?



\_\_\_\_\_ centimeters

## Spiral Review

4. What is the sum?

$$\begin{array}{r} 327 \\ + 145 \\ \hline \end{array}$$

5. What is another way to write the time half past 7?

\_\_\_\_\_ : \_\_\_\_\_

6. Seylum has these coins in her pocket. How much money does she have in her pocket?



\_\_\_\_\_ or \_\_\_\_\_ cents



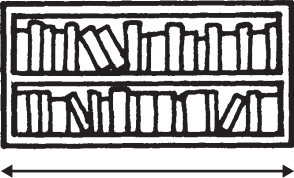
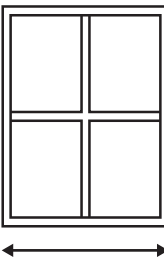
Name \_\_\_\_\_

## Centimeters and Meters

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Interactive Examples

Choose a centimeter ruler or a meter stick.  
Then measure the real object. Be sure to  
label your answers.

Find the real object.	Measure.
1. bookcase 	centimeter ruler   meter stick _____
2. window 	centimeter ruler   meter stick _____


### Problem Solving

3. Daniela will measure the length of a wall in both centimeters and meters. Will there be fewer centimeters or fewer meters? Explain.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

4.  Would you measure the length of a bench with a centimeter ruler or a meter stick? Explain your choice.

\_\_\_\_\_

## Lesson Check

5. Choose a centimeter ruler or a meter stick. Then measure the real object. Be sure to label your answers.



centimeter ruler

meter stick

## Spiral Review

6. Draw and label a group of coins that has a total value of 65 cents.
7. Athena has a poster that is about 3 feet long. Write **inches** or **feet** in each blank to make the statement true.
- 3 \_\_\_\_\_ is longer than  
12 \_\_\_\_\_.
8. Last week, 483 children checked books out from the library. This week, only 162 children checked books out from the library. How many children checked out library books in the last two weeks?
9. Draw and label a group of coins that has a total value of \$1.

$$\begin{array}{r} 483 \\ + 162 \\ \hline \end{array}$$