

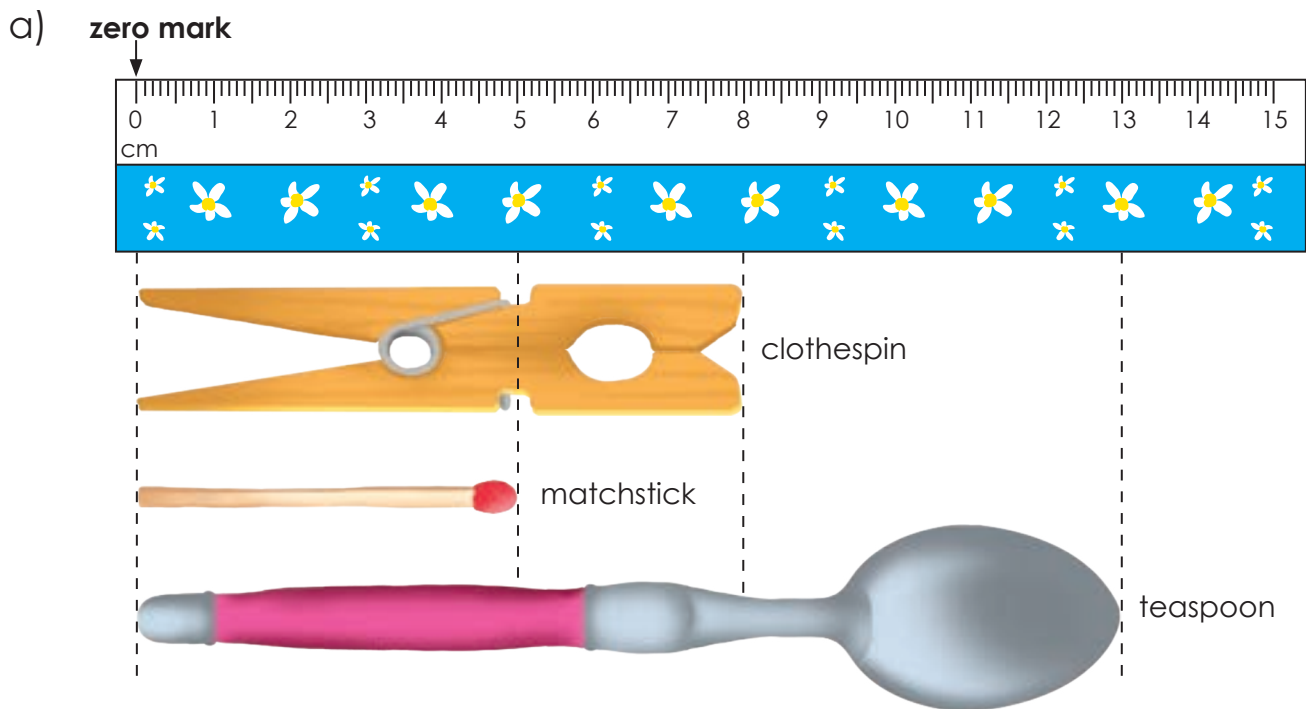
## Lesson 2 Length in Centimeters

### Learning Outcomes:

- Guess and measure length in centimeters
- Compare lengths in centimeters
- Draw a straight line of a given length
- Choose between meters or centimeters when measuring lengths and distances

### Measuring length in centimeters

#### Learn



The clothespin is 8 **centimeters** long. The matchstick is 5 centimeters long. The teaspoon is 13 centimeters long.

The clothespin is 5 centimeters shorter than the teaspoon.

$$13 - 8 = 5$$

The teaspoon is 8 centimeters longer than the matchstick.

The matchstick is the shortest object.

If we arrange the objects in order, beginning with the longest, we have:

teaspoon, clothespin, matchstick  
(longest)

The **centimeter** is another unit of length. We use centimeters to measure shorter objects. We write **cm** for centimeter.



The bookmark is 15 centimeters long.

The coin pouch is 7 centimeters long.

The luggage tag is 11 centimeters long.

$$10 - 3 = 7$$

$$13 - 2 = 11$$



The luggage tag is 4 centimeters longer than the coin pouch.

The bookmark is 4 centimeters longer than the luggage tag.

The coin pouch is the shortest object.

If we arrange the objects in order, beginning with the shortest, we have:

coin pouch, luggage tag, bookmark  
(shortest)

We can subtract the reading at the end of the object from the reading at the start of the object to find its length.

## Practice 2



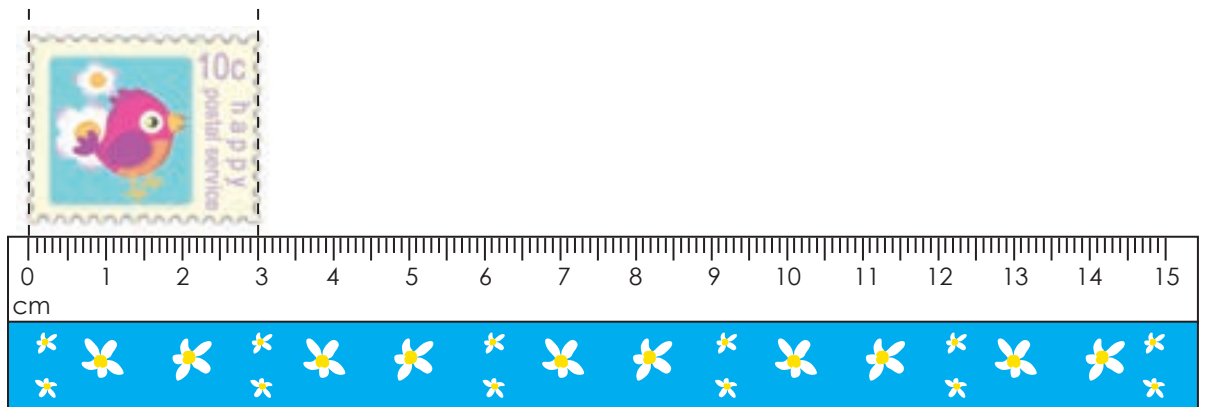
1. Estimate and then measure the following lengths.

	My estimate	My measure
a) Length of my eraser	about ____ cm	about ____ cm
b) Length of my pencil	about ____ cm	about ____ cm
c) Length of a stapler	about ____ cm	about ____ cm



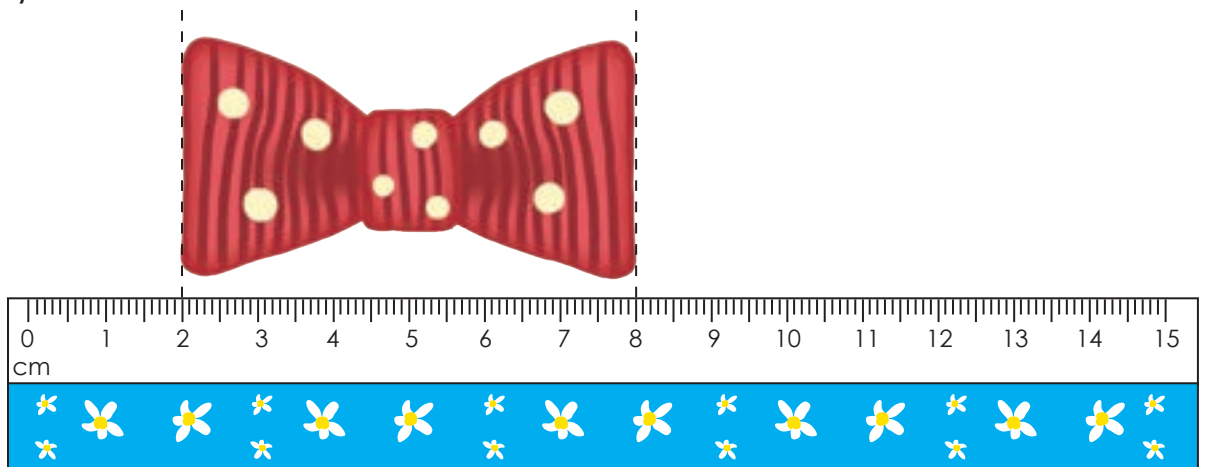
2. Fill in the blanks.

a)



The stamp is \_\_\_\_\_ centimeters long.

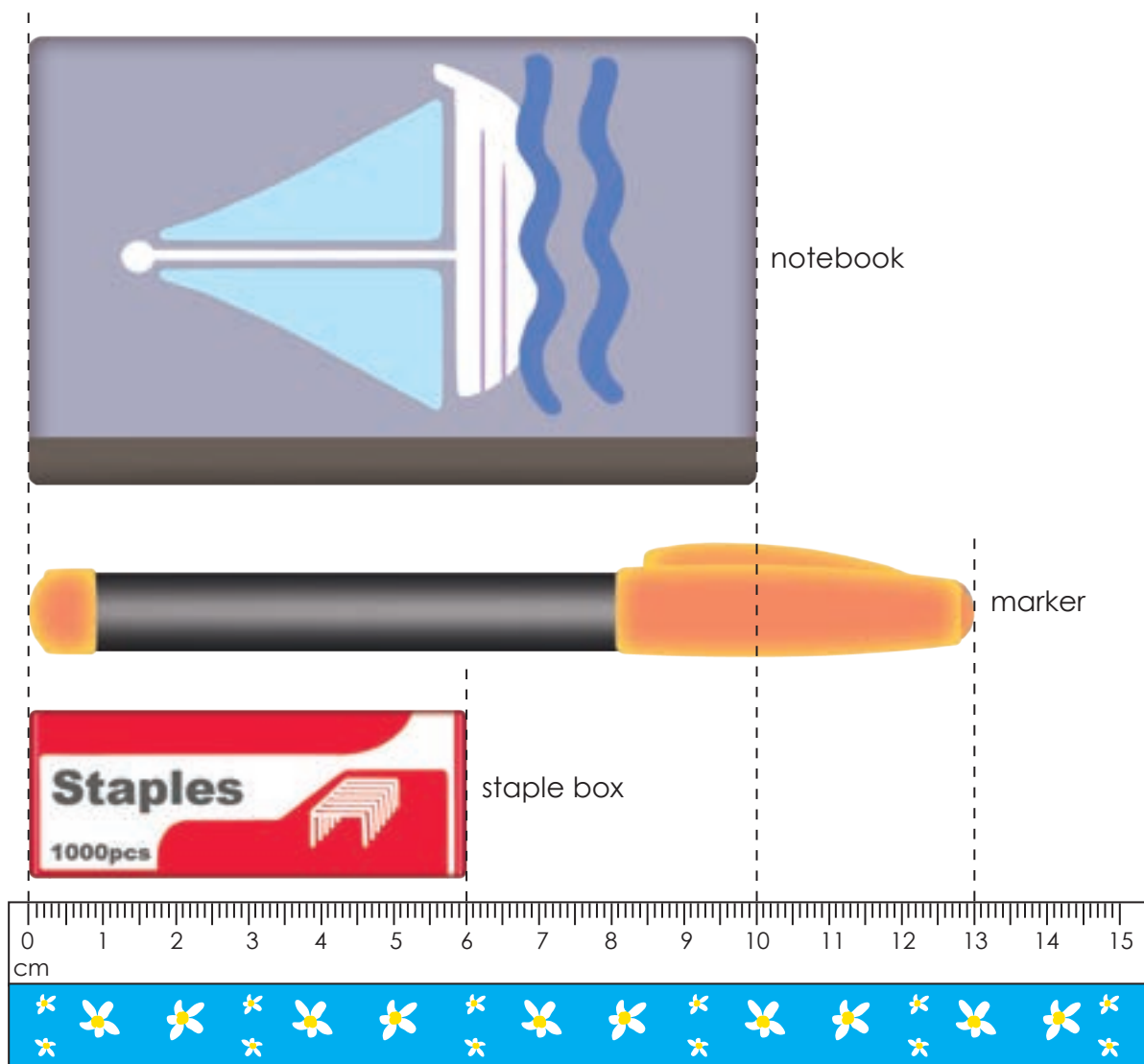
b)



The bow is \_\_\_\_\_ centimeters long.

c) The bow is \_\_\_\_\_ centimeters longer than the stamp.

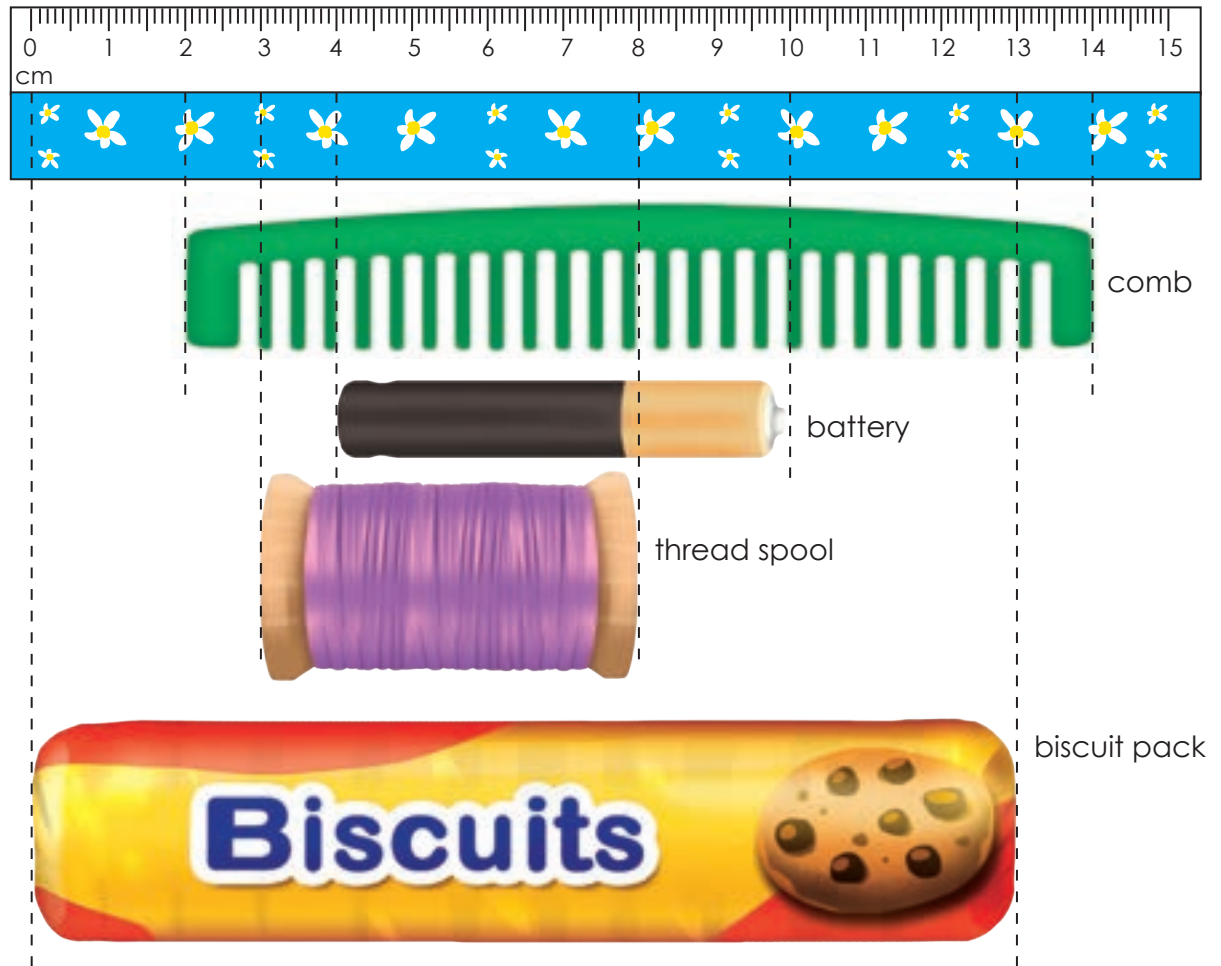
3. Fill in the blanks.



- The notebook is \_\_\_\_\_ centimeters long.
- The marker is \_\_\_\_\_ centimeters long.
- The staple box is \_\_\_\_\_ centimeters long.
- The marker is \_\_\_\_\_ centimeters longer than the staple box.
- The notebook is \_\_\_\_\_ centimeters shorter than the marker.
- Arrange the objects in order. Begin with the shortest.

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
(shortest)

4. Fill in the blanks.

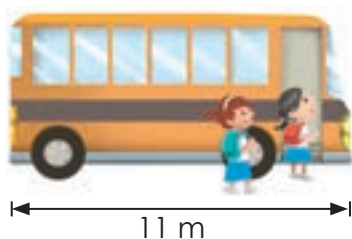


- The comb is \_\_\_\_\_ centimeters long.
- The battery is \_\_\_\_\_ centimeters long.
- The thread spool is \_\_\_\_\_ centimeters long.
- The biscuit pack is \_\_\_\_\_ centimeters long.
- The comb is \_\_\_\_\_ centimeters longer than the battery.
- The comb is \_\_\_\_\_ centimeter shorter than the biscuit pack.
- Arrange the objects in order. Begin with the longest.

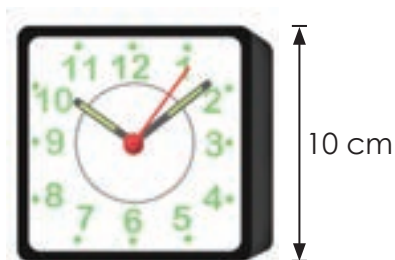
\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
(longest)

# Choosing units of measure

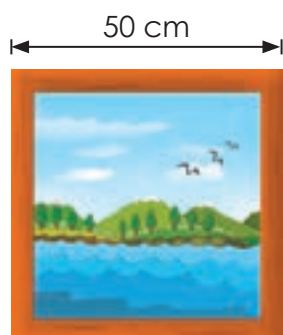
## Learn



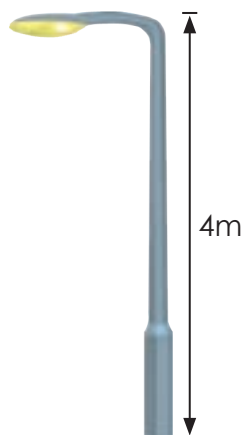
The length of the school bus is 11 meters.



The height of the alarm clock is 10 centimeters.



The length of the painting is 50 centimeters.



The height of the lamppost is 4 meters.

We use meters to measure longer lengths.

