

Varied Fluency

Step 1: Measure Length (cm)

National Curriculum Objectives:

Mathematics Year 2: (2M2) [Choose and use appropriate standard units to estimate and measure length/height in any direction \(m/cm\); mass \(kg/g\); temperature \(\$^{\circ}\$ C\); capacity \(litres/ml\) to the nearest appropriate unit using rulers, scales, thermometers and measuring vessels](#)

Differentiation:

Developing Questions to support measuring length (cm). Measure objects using ruler; always starting at 0; all units shown on ruler.

Expected Questions to support measuring length (cm). Measure objects using ruler; not always aligned with 0; all units shown on ruler.

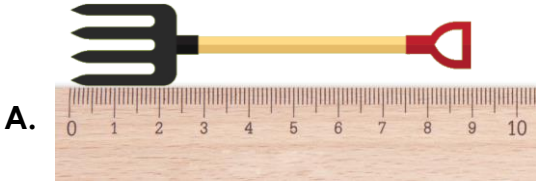
Greater Depth Questions to support measuring length (cm). Measure objects using ruler; not aligned with 0; missing increments on ruler.

More [Year 2 and Year 3 Length Height and Perimeter](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Measure Length (cm)

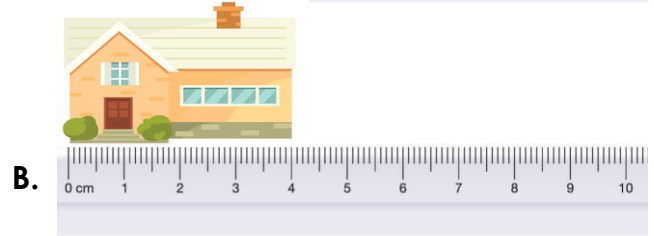
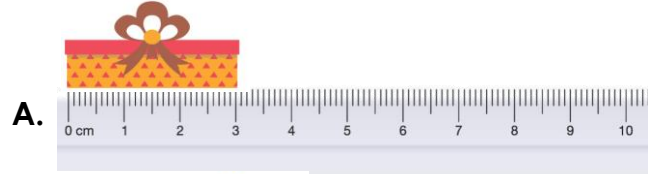
1a. How long are these objects in centimetres?



2 VF

Measure Length (cm)

1b. How long are these objects in centimetres?



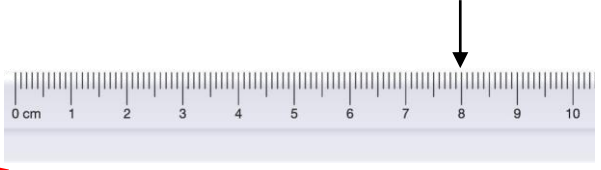
2 VF

2a. How many centimetres is the arrow showing?



2 VF

2b. How many centimetres is the arrow showing?



2 VF

3a. True or false?

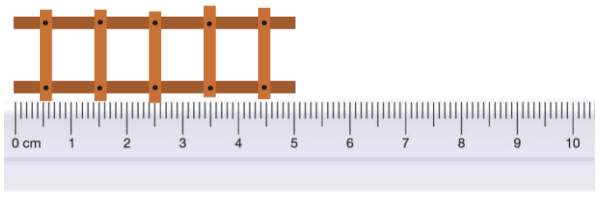
This toy suitcase is 7cm long.



2 VF

3b. True or false?

This toy ladder is 5cm long.



2 VF

4a. Match the measurement to the object.



5cm



2cm



2 VF

4b. Match the measurement to the object.



4cm



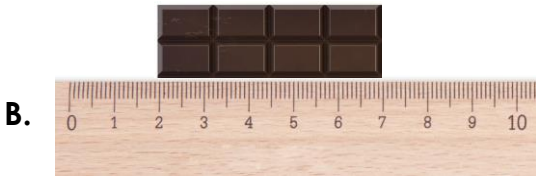
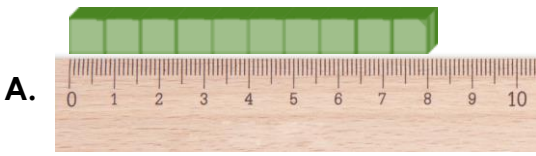
8cm



2 VF

Measure Length (cm)

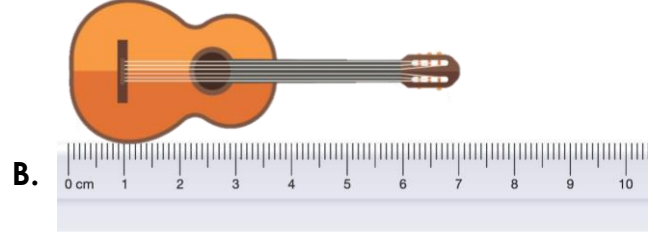
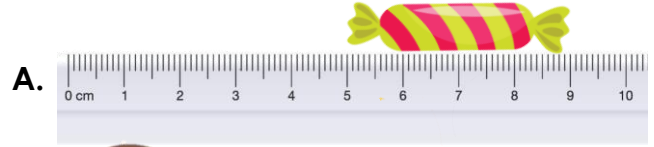
5a. How long are these objects in centimetres?



2 VF

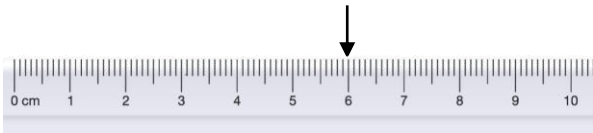
Measure Length (cm)

5b. How long are these objects in centimetres?



2 VF

6a. Sam draws a 3cm line. He starts at the arrow. What number will he finish at?



2 VF

6b. Alex draws a 5cm line. She starts at the arrow. What number will she finish at?



2 VF

7a. True or false?

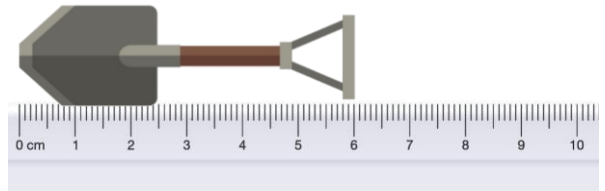
This flower is 5cm long.



2 VF

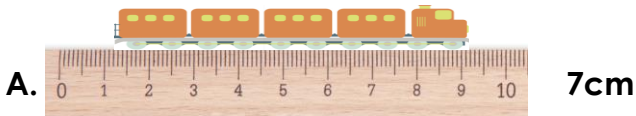
7b. True or false?

This toy spade is 6cm long.



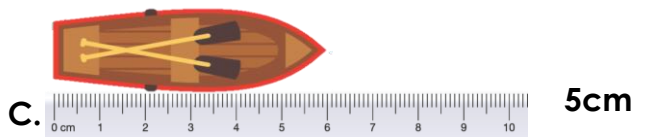
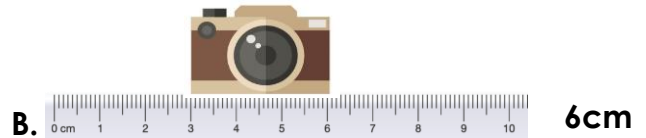
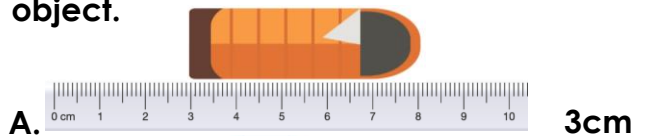
2 VF

8a. Match the measurement to the toy object.



2 VF

8b. Match the measurement to the toy object.



2 VF

Measure Length (cm)

9a. How long are these toy objects in centimetres?



2 VF

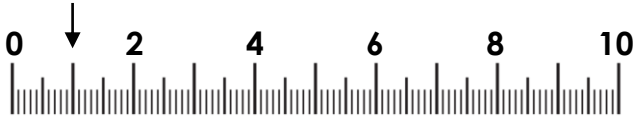
Measure Length (cm)

9b. How long are these objects in centimetres? Measure between the red line.



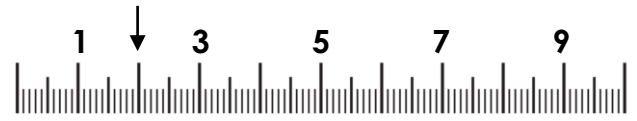
2 VF

10a. Ben draws a 6cm line. He starts at the arrow. What number will he finish at?



2 VF

10b. Macy draws a 8cm line. She starts at the arrow. What number will she finish at?



2 VF

11a. True or false?

This rectangle is 8cm long.



2 VF

11b. True or false?

This rectangle is 9cm long.



2 VF

12a. Match the measurement to the object.



3cm



7cm



5cm



2 VF

12b. Match the measurement to the object.



5cm



4cm



7cm



2 VF

Varied Fluency
Measure Length (cm)

Developing

- 1a. **A. 9cm B. 5cm**
- 2a. **2cm**
- 3a. **False, it is 8cm long.**
- 4a. **Calculator = 2cm, Book = 5cm**

Expected

- 5a. **A. 8cm B. 5cm**
- 6a. **9cm**
- 7a. **False, it is 7cm long.**
- 8a. **A = 8cm, B = 5cm, C = 7cm**

Greater Depth

- 9a. **A. 9cm B. 5cm**
- 10a. **7cm**
- 11a. **False, it is 7cm long.**
- 12a. **A = 5cm, B = 3cm, C = 7cm**

Varied Fluency
Measure Length (cm)

Developing

- 1b. **A. 3cm B. 4cm**
- 2b. **8cm**
- 3b. **True**
- 4b. **Aquarium = 8cm, Flag = 4cm**

Expected

- 5b. **A. 4cm B. 7cm**
- 6b. **8cm**
- 7b. **True**
- 8b. **A = 5cm, B = 3cm, C = 6 cm**

Greater Depth

- 9b. **A. 6cm B. 8cm**
- 10b. **10cm**
- 11b. **True**
- 12b. **A = 4cm, B = 7cm, C = 5cm**