

# Homework

## Measure Length in Centimetres

### National Curriculum Objectives:

**Mathematics Year 1 (1M1):** Compare, describe and solve practical problems for: lengths and heights [for example, long/short, longer/shorter, tall/short, double/half] mass/weight [for example, heavy/light, heavier than, lighter than] capacity and volume [for example, full/empty, more than, less than, half, half full, quarter] Time [for example, quicker, slower, earlier, later]

**Mathematics Year 1 (1M2):** Measure and begin to record: lengths and heights, mass/weight, capacity and volume, time (hours, minutes, seconds)

### Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

**Developing** Match images to the correct measurements. Images are rectangular objects, using rulers with all increments marked.

**Expected** Match images to the correct measurements. Images are non-rectangular objects, using rulers with all increments marked.

**Greater Depth** Match images to the correct measurements. Images are non-rectangular objects, using rulers with unmarked increments.

Questions 2, 5 and 8 (Varied Fluency)

**Developing** Measure the items to complete the sentences. Images are rectangular objects, using rulers with all increments marked.

**Expected** Measure the items to complete the sentences. Images are non-rectangular objects, using rulers with all increments marked.

**Greater Depth** Measure the items to complete the sentences. Images are non-rectangular objects, using rulers with unmarked increments.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

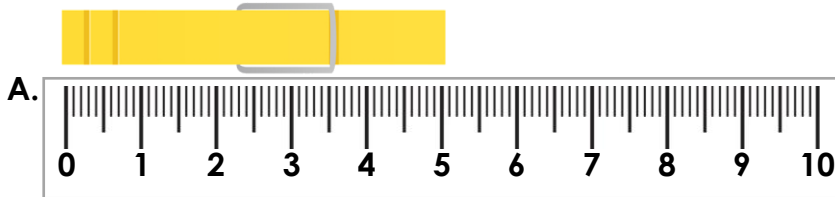
**Developing** Measure the given objects and order them by height. Images are rectangular objects, using rulers with all increments marked.

**Expected** Measure the given objects and order them by height. Images are non-rectangular objects, using rulers with all increments marked.

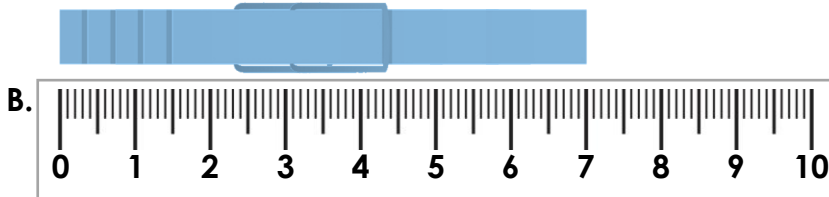
**Greater Depth** Measure the given objects and order them by height. Images are non-rectangular objects, using rulers with unmarked increments.

# Measure Length in Centimetres

1. Match each peg to the correct measurement.



7cm



5cm

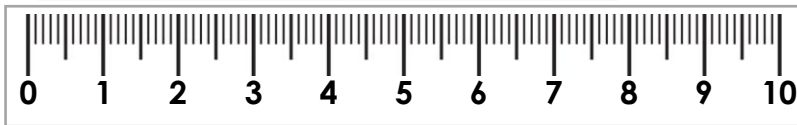


VF  
HW/Ext

2. Use the measurements to complete the sentences below.



A. The log measures \_\_\_\_ cm.



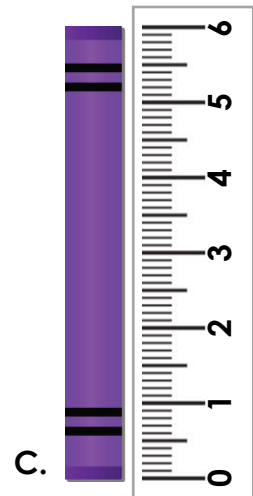
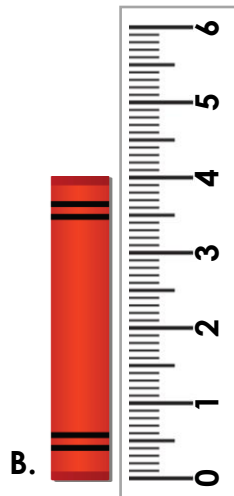
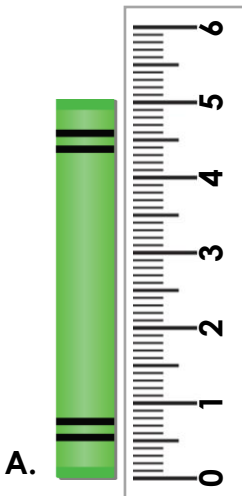
B. The tube measures \_\_\_\_ cm.

C. The \_\_\_\_\_ is shorter than the \_\_\_\_\_.



VF  
HW/Ext

3. Measure the crayons below and order them by height.



RPS  
HW/Ext

# Measure Length in Centimetres

4. Match each key to the correct measurement.



4cm

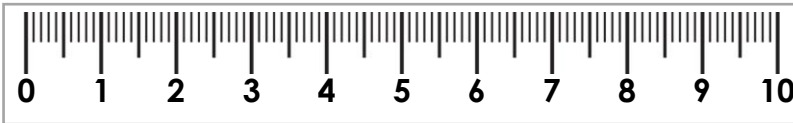


6cm

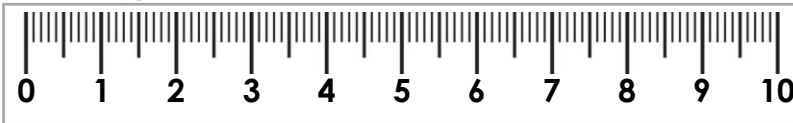


VF  
HW/Ext

5. Use the measurements to complete the sentences below.



A. The twig measures \_\_\_\_ cm.



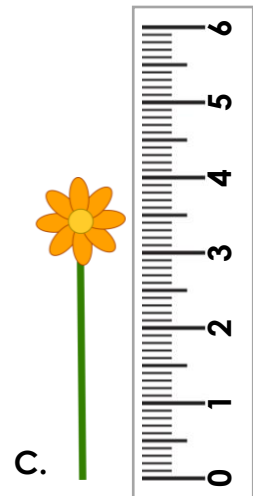
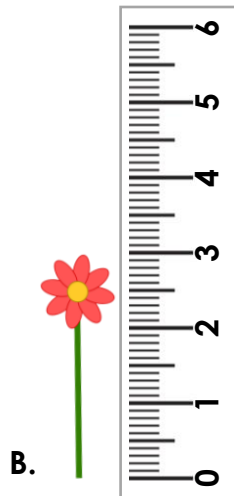
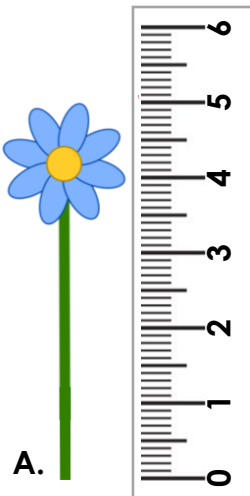
B. The leaf measures \_\_\_\_ cm.

C. The \_\_\_\_\_ is longer than the \_\_\_\_\_.



VF  
HW/Ext

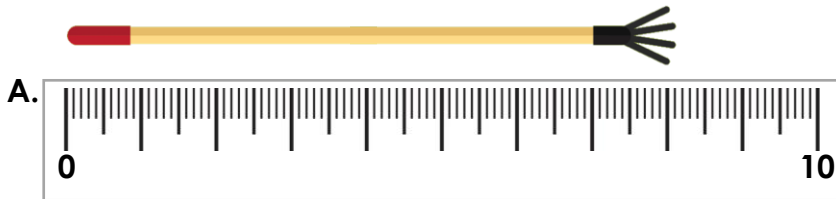
6. Measure the flowers below and order them by height.



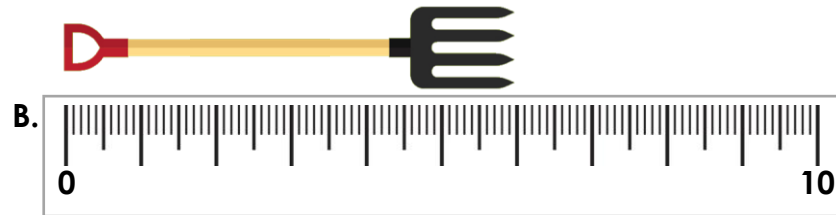
RPS  
HW/Ext

# Measure Length in Centimetres

7. Match each gardening tool to the correct measurement.



6cm



8cm

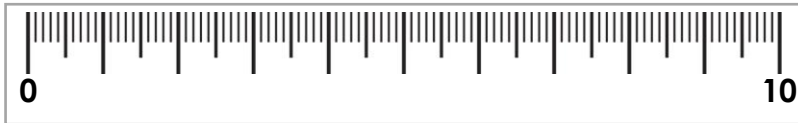


VF  
HW/Ext

8. Use the measurements to complete the sentences below.



A. The shell measures \_\_\_\_ cm.



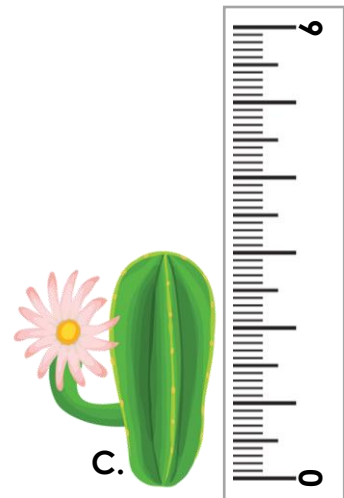
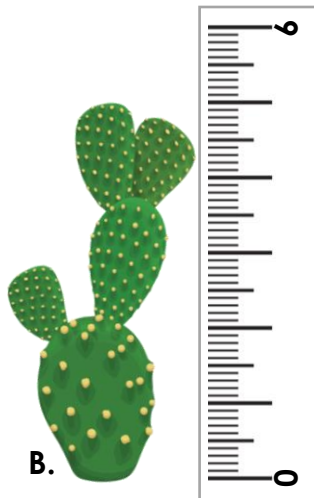
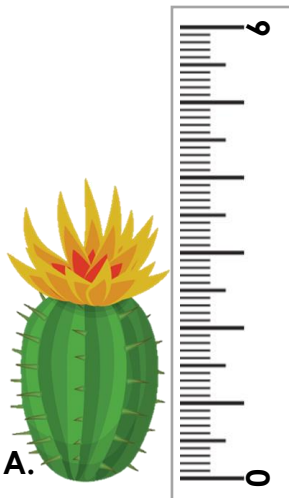
B. The twig measures \_\_\_\_ cm.

C. The \_\_\_\_\_ is longer than the \_\_\_\_\_.



VF  
HW/Ext

9. Measure each cactus below and order them by height.



RPS  
HW/Ext

# Homework

## Measure Length in Centimetres

### Developing

1. A. 5cm; B. 7cm
2. A. 3; B. 8; C The log is shorter than the tube.
3. Possible answers: shortest to tallest → B. 4cm, A. 5cm, C. 6cm; tallest to shortest → C. 6cm, A. 5cm, B. 4cm

### Expected

4. A. 6cm; B. 4cm
5. A. 4; B. 3; C The twig is longer than the leaf.
6. Possible answers: shortest to tallest → B. 3cm, C. 4cm, A. 5cm; tallest to shortest → A. 5cm, C. 4cm, B. 3cm

### Greater Depth

7. A. 8cm; B. 6cm
8. A. 4; B. 6; C. The twig is longer than the shell.
9. Possible answers: shortest to tallest → C. 3cm, A. 4cm, B. 5cm; tallest to shortest → B. 5cm, A. 4cm, C. 3cm