Please make sure that you print this resource at 100% so that all measurements are correct. To do this, follow the relevant steps below.

Adobe Reader or Adobe Acrobat

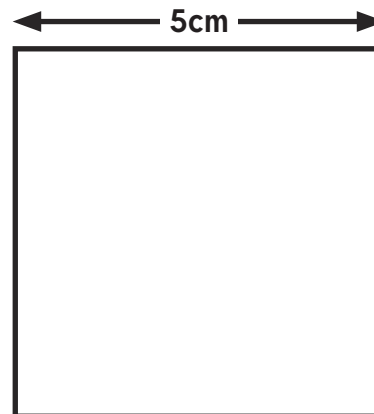- Adobe Reader is a free PDF viewer, from Adobe. To install a copy of Adobe Reader, go to https://get.adobe.com/uk/reader/.

- Once Adobe Reader is installed, open your PDF.

- Go to File>Print.

- Under 'Page Sizing & Handling', select 'Size'.

- From here, make sure that 'Actual Size' is selected.

- Print this page as a test, making sure that the shape below is the correct size once printed.

- If the test print is correct, print your PDF.

Foxit Reader

- Go to File>Print.

- Set the 'Scaling' to 'None'.

- Print this page as a test, making sure that the shape below is the correct size once printed.

- If the test print is correct, print your PDF.

Web Browser

- If printing from a web browser, such as Chrome, Firefox or Microsoft Edge make sure that your printer is set to print at 100%, either by unticking 'Fit to Page' or selecting 'Actual Size'.

- Print this page as a test, making sure that the shape below is the correct size once printed.

- If the test print is correct, print your PDF.

←——— 5cm ———→

Key Vocabulary

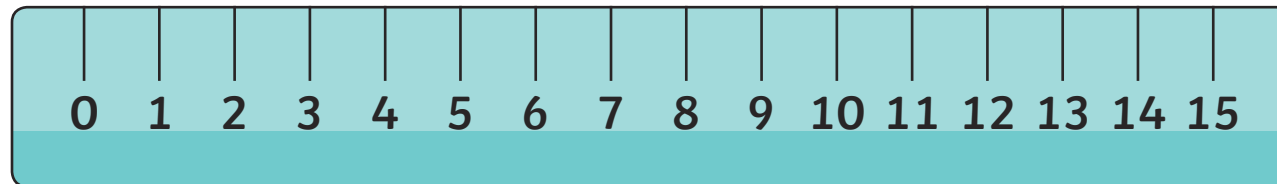| |
| --- |
| length |
| long |
| short |
| height |
| tall |
| measure |
| ruler |
| tape measure |
| metre stick |
| centimetre (cm) |
| metre (m) |
| compare |
| order |

Measuring in Centimetres

Measure from zero.

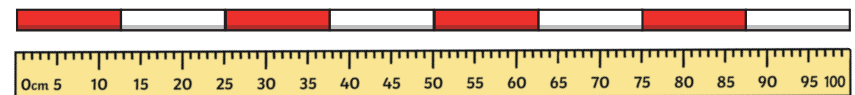This ruler measures in **centimetres (cm)**. The paintbrush is 8cm long.

This ruler is to scale.

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

Measuring in Metres

We can measure the length or height of larger objects in **metres (m).**
The girl is 1m and 20cm tall.

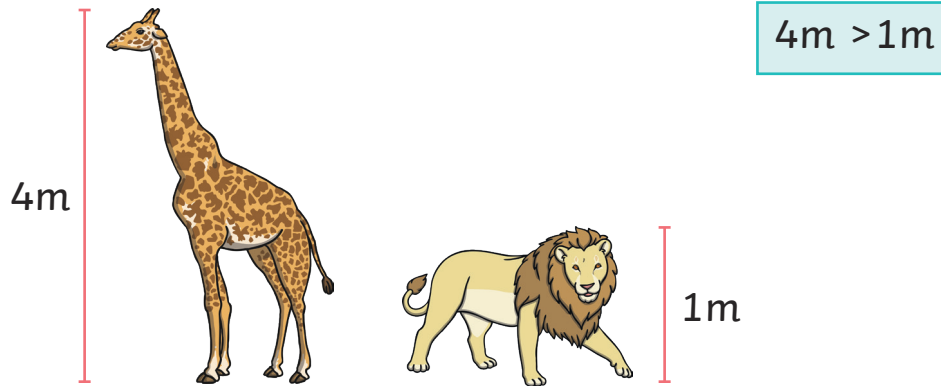0cm 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100

We can use metre sticks, trundle wheels or tape measures.
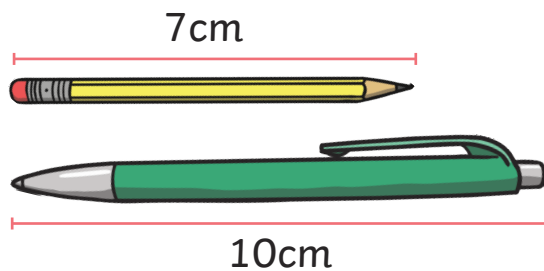**1 metre = 100 centimetres**

Comparing Height

The giraffe is **taller** than the lion.
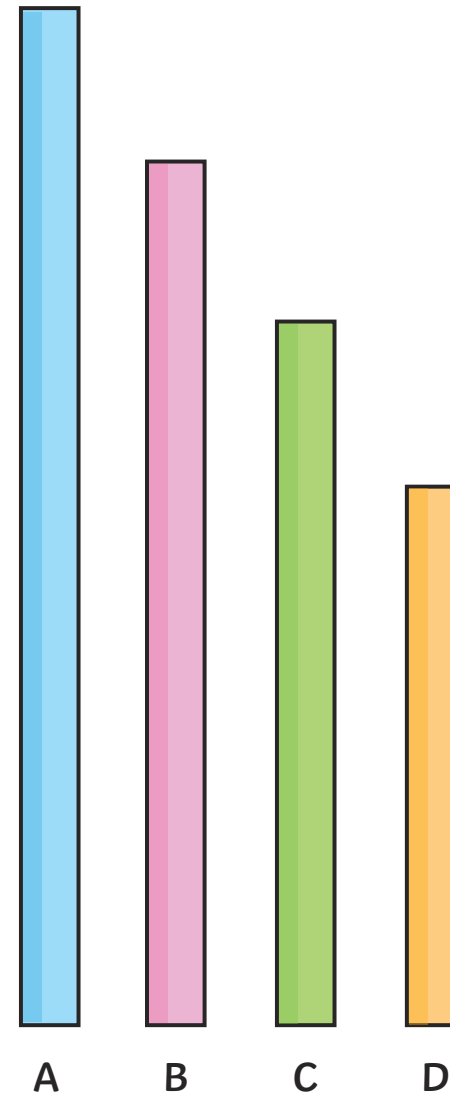The lion is **shorter** than the giraffe.

4m >1m

4m

1m

Comparing Length

The pencil is **shorter** than the pen.
The pen is **longer** than the pencil.

7cm<10cm

7cm

10cm

Ordering Length

The straws are in order from **longest** to **shortest**.

A is the **longest**.

D is the **shortest**.

B is **longer** than C.

C is **shorter** than A.

A   B   C   D