

**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**

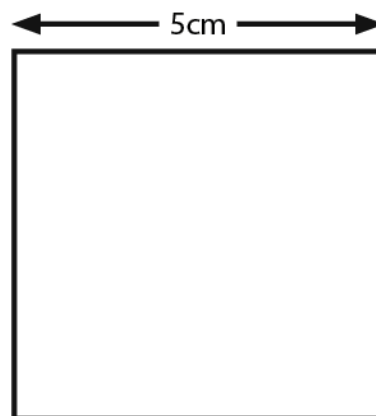
- Adobe Reader is a free PDF viewer, from Adobe. To install a copy of Adobe Reader, go to <https://get.adobe.com/uk/reader/>.
- Once Adobe Reader is installed, open your PDF.
- Go to File>Print.
- Under 'Page Sizing & Handling', select 'Size'.
- From here, make sure that 'Actual Size' is selected.
- 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.



## Key Vocabulary

length

long

short

height

tall

measure

ruler

tape measure

metre stick

centimetre (cm)

metre (m)

compare

order

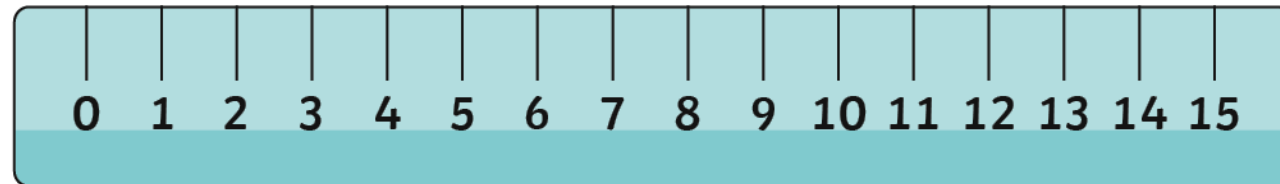
## Measuring in Centimetres

Measure from zero.



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

This ruler is to scale.

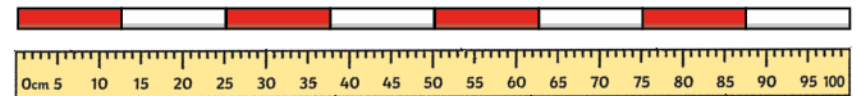


## Measuring in Metres



We can measure the length or height of larger objects in **metres (m)**.

The girl is 1m and 20cm tall.

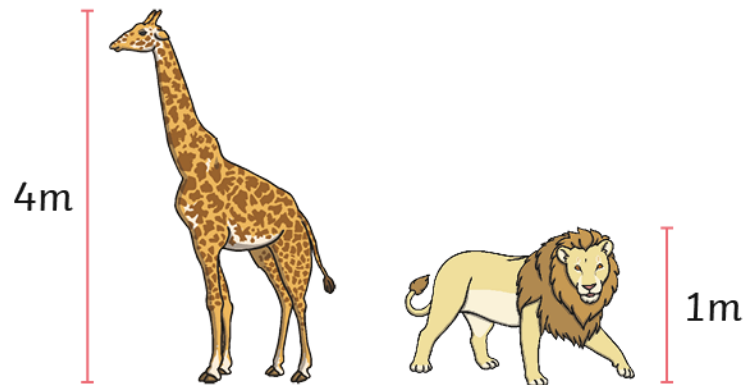


We can use metre sticks, trundle wheels or tape measures.

**1 metre = 100 centimetres**

## Comparing Height

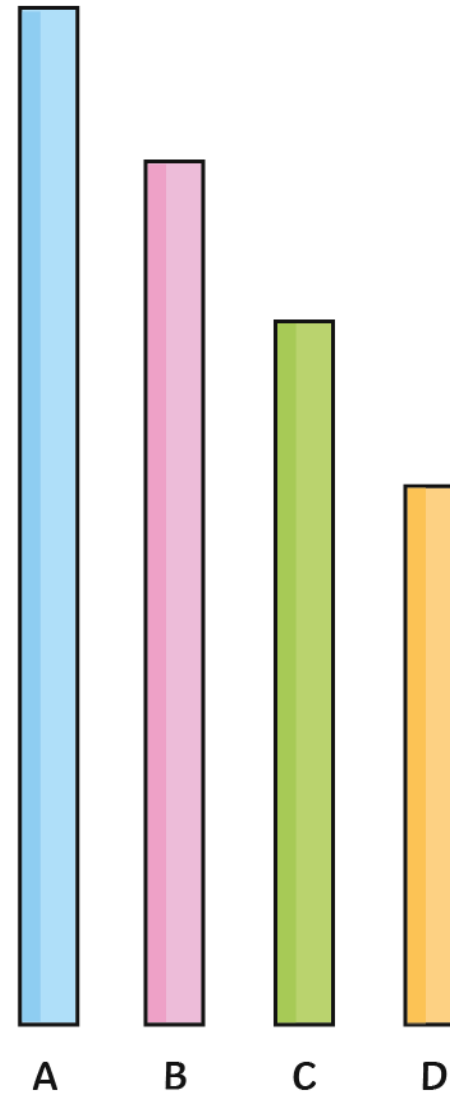
The giraffe is **taller** than the lion.  
The lion is **shorter** than the giraffe.



$$4\text{m} > 1\text{m}$$

## Ordering Length

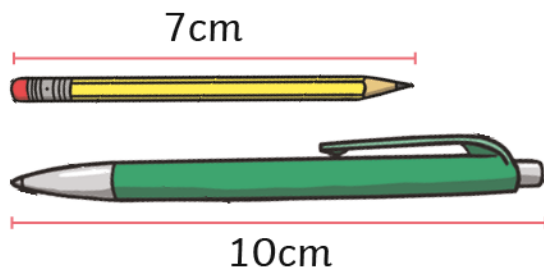
The straws are in order from **longest** to **shortest**.



A is the **longest**.  
D is the **shortest**.  
B is **longer** than C.  
C is **shorter** than A.

## Comparing Length

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



$$7\text{cm} < 10\text{cm}$$