

**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

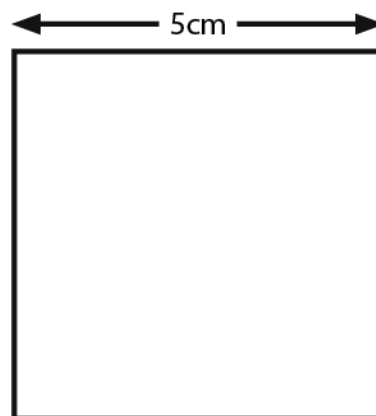
- Adobe Reader is a free PDF viewer, from Adobe. To install a copy of Adobe Reader, go to <https://get.adobe.com/uk/reader/>.
- Once Adobe Reader is installed, open your PDF.
- Go to File>Print.
- Under 'Page Sizing & Handling', select 'Size'.
- From here, make sure that 'Actual Size' is selected.
-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



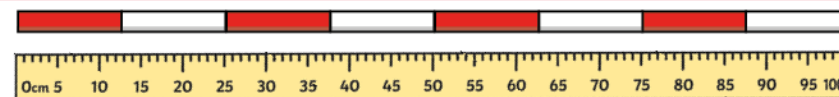
This ruler measures in **centimetres (cm)**. The paintbrush is 8cm long.

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.

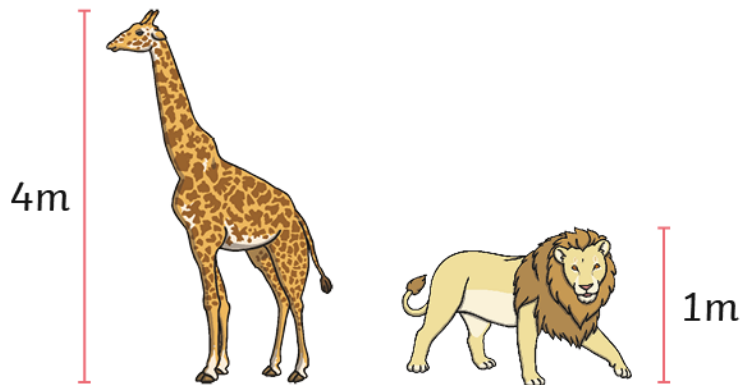


We can use metre sticks, trundle wheels or tape measures.

1 metre = 100 centimetres

Comparing Height

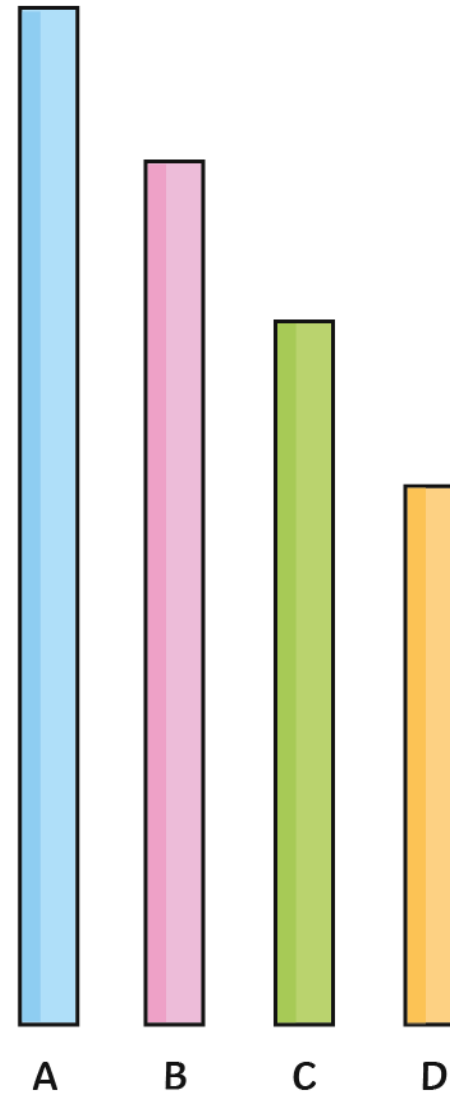
The giraffe is **taller** than the lion.
The lion is **shorter** than the giraffe.



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

Ordering Length

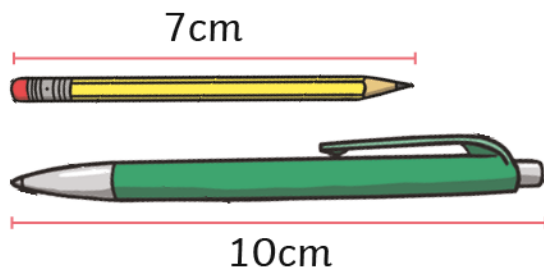
The straws are in order from **longest** to **shortest**.



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.



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