

Key vocabulary

length

long

short

height

tall

measure

ruler

tape measure

metre stick

centimetre (cm)

metre (m)

compare

order

Links to other learning

Year 1 – Compare, describe and solve practical problems for lengths and heights; Measure and begin to record lengths and heights.

Year 3 – Measure, compare, add and subtract lengths (m/cm/mm).

Key questions

How many **CM** are in a **M**?

Where do you start measuring when using a ruler?

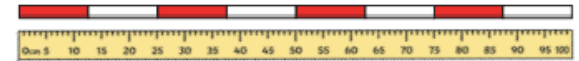
Can you order a range of objects from shortest to tallest?

Measuring in M



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



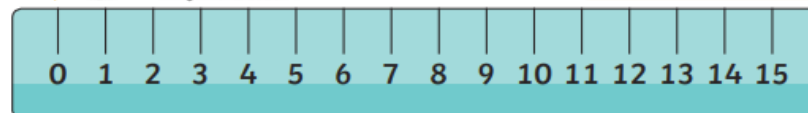
Measuring in CM

Measure from zero.



This ruler measures in **centimetres (cm)**. The

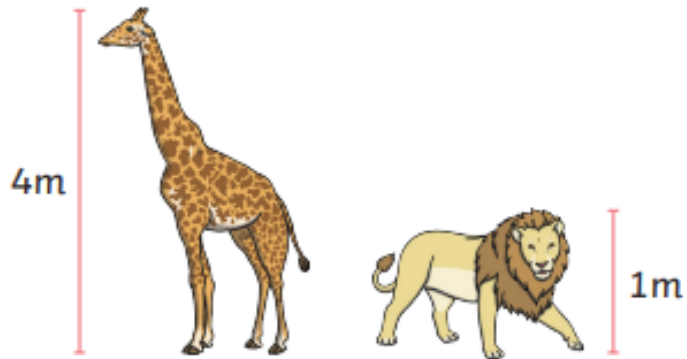
This ruler is to scale.



Length and height

Comparing Height

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

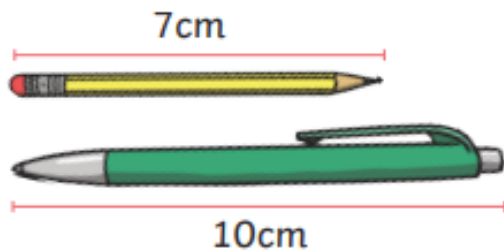


$$4\text{m} > 1\text{m}$$



Comparing Length

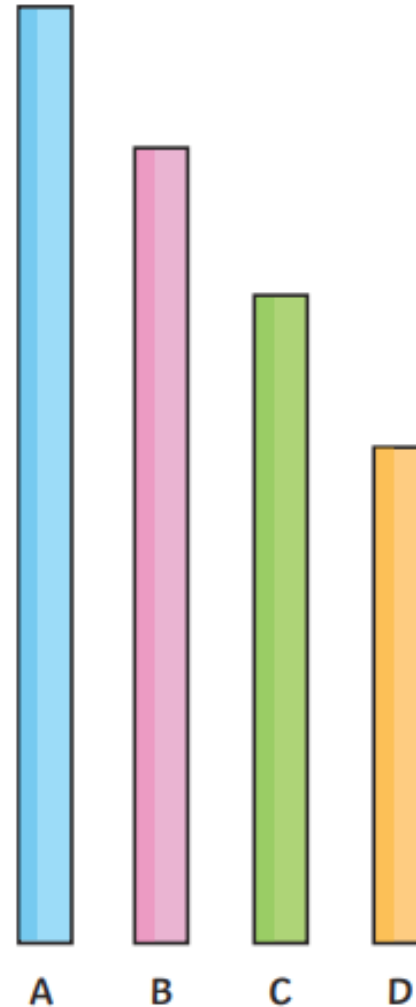
The pencil is **shorter** than the pen.
The pen is **longer** than the pencil.



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



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.

