

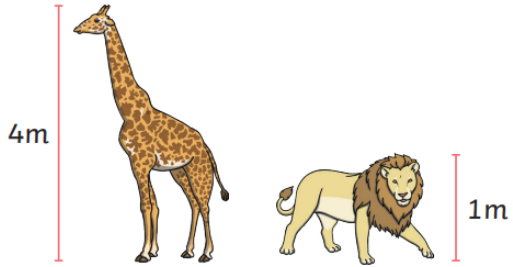


KNOWLEDGE ORGANISER		Year 2	Vocabulary	
Length & Height			length	To know how long something is. The measurement of something from end to end.
			height	The measurement from top to bottom.
What I should already know: Compare lengths and heights Measure lengths using objects Measure length in centimetres			width	Distance across from side to side.
			cm centimetre	A unit for measuring length.
			m metre	100 cm = 1 metre.
What I should know by the end of this unit: Measure in cm Measure in metres Compare lengths and heights Solve problems related in lengths and heights			further / furthest	To a greater distance.
			compare	Notice similarities and differences in length/height.
			measure	To find the size of an object.

Comparing Height

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

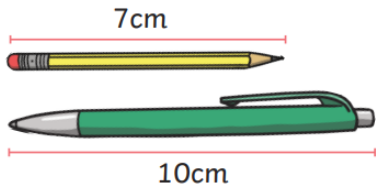
$$4\text{m} > 1\text{m}$$



Comparing Length

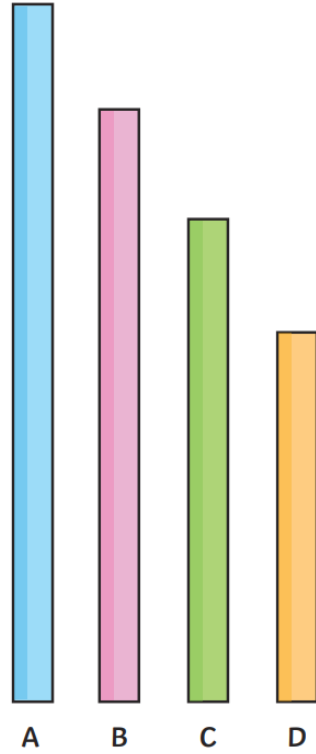
The pencil is **shorter** than the pen.
The pen is **longer** than the pencil.

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



Ordering Length

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



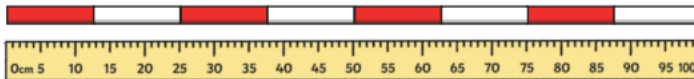
A is the **longest**.
D is the **shortest**.
B is **longer** than C.
C is **shorter** than A.

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

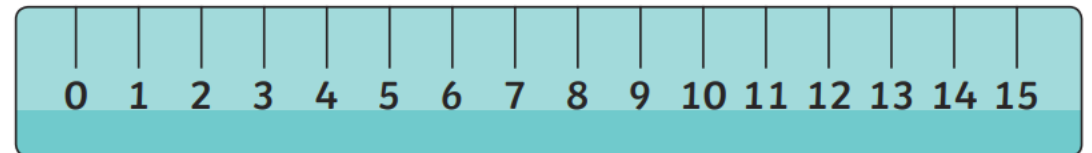
Measuring in Centimetres

Measure from zero.

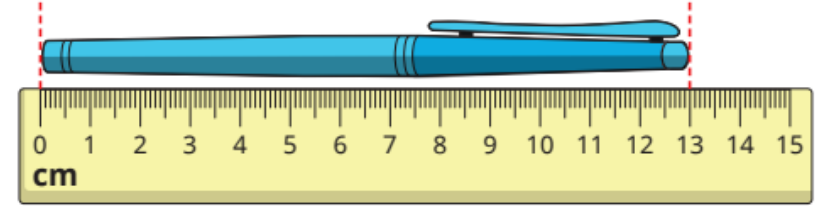
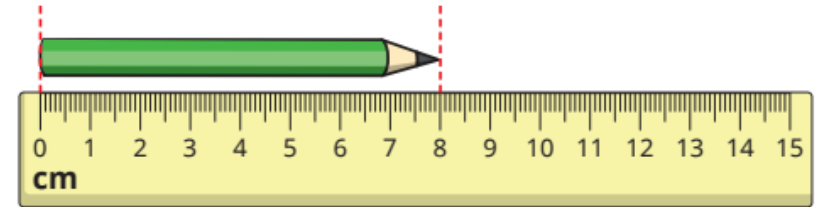


This ruler measures in **centimetres (cm)**. The paintbrush is 8cm long.

This ruler is to scale.



8cm



13 cm