

Key Vocabulary

length

longer

shorter

height

taller

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.

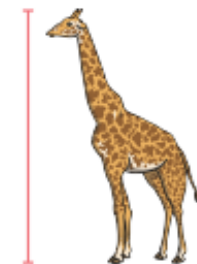


Comparing Height

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

4m

$4m > 1m$

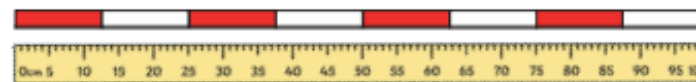


1m



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 Length

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

7cm

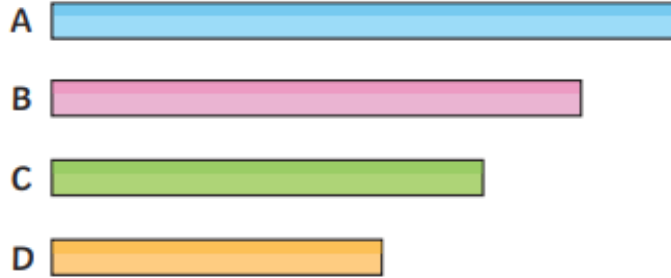


10cm

$7cm < 10cm$

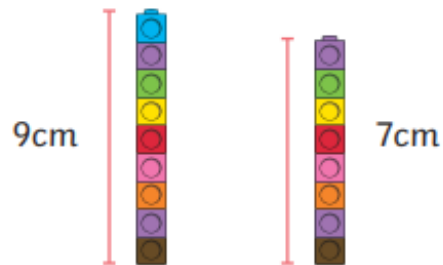
Ordering Length

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



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

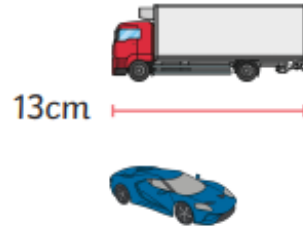
Addition with Height



If we stacked the towers, how tall would they be altogether?

$$9\text{cm} + 7\text{cm} = 16\text{cm}$$

Subtraction with Length



The car is 6cm **shorter** than the truck. How long is the car?

$$13\text{cm} - 6\text{cm} = 7\text{cm}$$

Multiplication with Length



The chain has 5 links. Each link is 5cm long. How long is the chain?

$$5 \times 5\text{cm} = 25\text{cm}$$

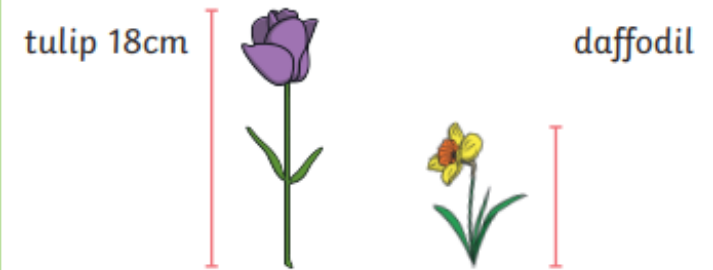
Division with Length



The string of beads is 20cm long. How long is each bead?

$$20\text{cm} \div 10 = 2\text{cm}$$

Halving with Height



The daffodil is half as tall as the tulip. How tall is it?

Half of 18cm is 9cm.

Doubling with Height

The pear tree is double the height of the apple tree. How tall is it?

12 metres is double 6 metres.

