



In this activity you will estimate the length of some items and measure them in centimetres and millimetres.

Information sheet: Measuring



Incorrect – the pencil is *not* 9.9 cm long.



Correct - the pencil is 10.3 cm long

To measure things:

Always put 0 at one end of the object.
Read the length on the ruler next to the other end.

Conversions

1 m = 100 cm or 1000 mm
1 cm = 10 mm

Abbreviations

m means 'metres'
cm means 'centimetres'
mm means 'millimetres'

Think about...

How long is the pencil in millimetres?

To answer

Fill in the gaps below.

The width of my little finger is

The width of my hand is

My handspan is

My armspan is

The length of my foot is

At the end of the activity

How many centimetres are there in 1 metre?

How many centimetres are there in 5 metres?

How many millimetres are there in 1 metre?

How many millimetres are there in 2 metres?

How long is your ruler?

Roughly how wide is your little finger?

Roughly how long is your foot?

Roughly how wide is your armspan?

(Remembering things like these can help you estimate lengths.)

How many millimetres are there in 1 centimetre?

How many millimetres are there in 1.5 cm?

What length in centimetres is the same as 24 mm?

Measure it!



- a **Estimate** the measurement of each item to the **nearest centimetre**.
- b **Measure** the item in **centimetres** using decimals where necessary (such as 5.6 cm).
- c **Measure** the item in **millimetres**.

Item	a Estimate in cm	b Measure in cm	c Measure in mm
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