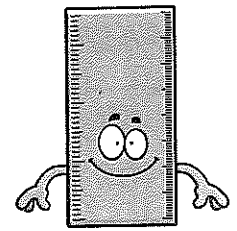


Measuring and Comparing Length

Rulers are used to measure the length of an object.
The units of length are millimetres (mm), centimetres (cm) and metres (m).



Example

Measure the length of this line.



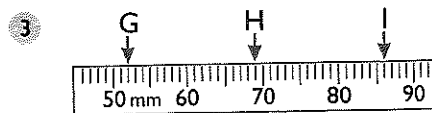
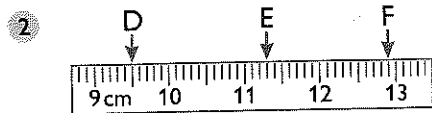
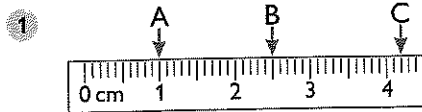
The small gaps on this ruler show 1 mm.

The length of the line is **3 cm 6 mm**.

You can also write this as **3.6 cm**.

Set A

What length is each arrow pointing to?



Draw a line that is:

- 4 6 cm long
- 5 80 mm long

Which is bigger:

- 8 6 cm or 6 m?
- 9 54 cm or 45 cm?
- 10 250 cm or 3 m?

Find the missing numbers:

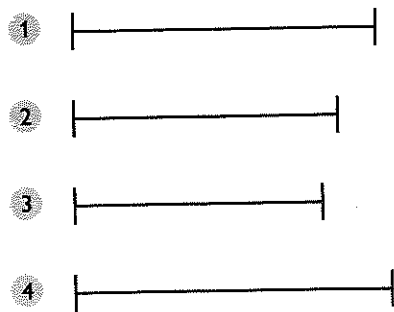
- 6 1 m = cm
So 7 m = cm
- 7 1 cm = mm
So 5 cm = mm

Put these lengths in order, starting with the smallest:

- 11 56 m 56 cm 56 mm
- 12 4 m 350 cm 500 cm

Set B

Measure the length of these lines:



Find the missing numbers:

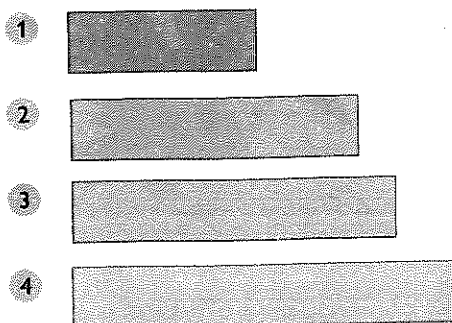
- 5 2 m = cm
- 6 8 cm = mm
- 7 26 cm = mm
- 8 90 mm = cm
- 9 170 mm = cm
- 10 5 m 20 cm = cm

Which symbol (< or >) should go in each box?

- 11 200 cm 3 m
- 12 640 mm 60 cm
- 13 8 m 54 cm 6 m 90 cm
- 14 Put these lengths in order, starting with the smallest:
 8 m, 850 cm, 8 m 30 cm

Set C

Measure the longest side of these shapes:



Write these lengths in cm:

- 5 190 mm
- 6 15 m
- 7 $\frac{1}{2}$ m
- 8 9 m 84 cm
- 9 8 m 9 cm
- 10 10 m 60 cm

Which length is the longest:

- 11 200 cm or 20 m?
- 12 590 cm or 5 m 9 cm?
- 13 450 mm or 40 cm 6 mm?
- 14 A toy van is 9 cm long, a toy car is 85 mm long and a toy tractor is 8 cm 7 mm long. Put the toys in order of size, starting with the shortest.

I can measure and compare lengths.

