White Rose Maths

Equivalent lengths – m and cm

There are 100 centimetres (cm) in 1 metre (m).

Use the bar models to complete the sentences.

1 m 100 cm

1 m 1 m 1 m

There are 300 cm in 3 m.

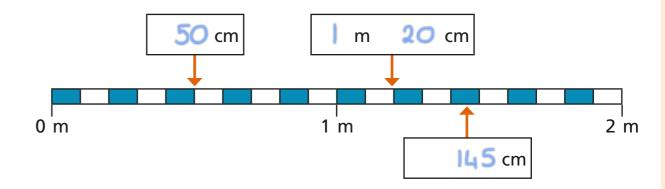
There are 600 cm in 6 m.

There are 500 cm in 5 m

2 Complete the table to show equivalent lengths and continue the pattern.

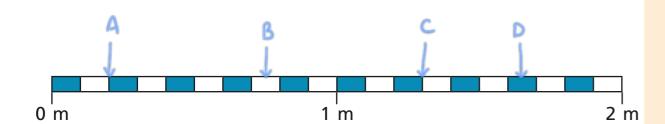
cm	m and cm
310 cm	3 m and 10 cm
320 cm	3 m and 20 cm
330 cm	3 m and 30 cm
340 cm	3 m and 40 cm
350 cm	3 m and 50 cm
360 cm	3 m and 60 cm
370 cm	3 m and 70 cm

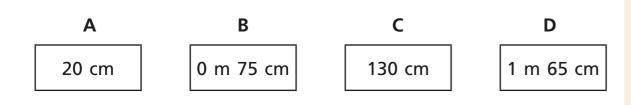
Write the missing measurements.



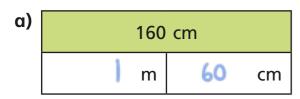
Draw an arrow to show the position of each measurement.

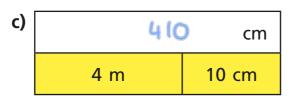


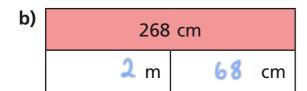


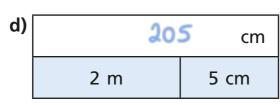


Complete the bar models.







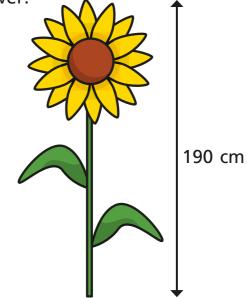


6 Complete the sentences.

- a) 240 cm = 2 m and 40 cm
- **b)** 319 cm = 3 m and 19 cm

- c) 508 cm = 5 m and 8 cm
- **d)** 2 m and 15 cm = 215 cm
- e) 8 m and 3 cm = 803 cm





Dani's sunflower is 2 m and 30 cm.

Tom's sunflower is exactly halfway between Huan's and Dani's.

How tall is Tom's sunflower?

Write your answer in metres and centimetres.

2 m and 10 cm

