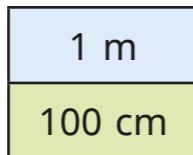


Equivalent lengths (metres and centimetres)

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



Use the bar models to complete the sentences.

a)

1 m	1 m	1 m

There are cm in 3 m.

b)

1 m	1 m	1 m	1 m	1 m	1 m

There are cm in 6 m.

c)

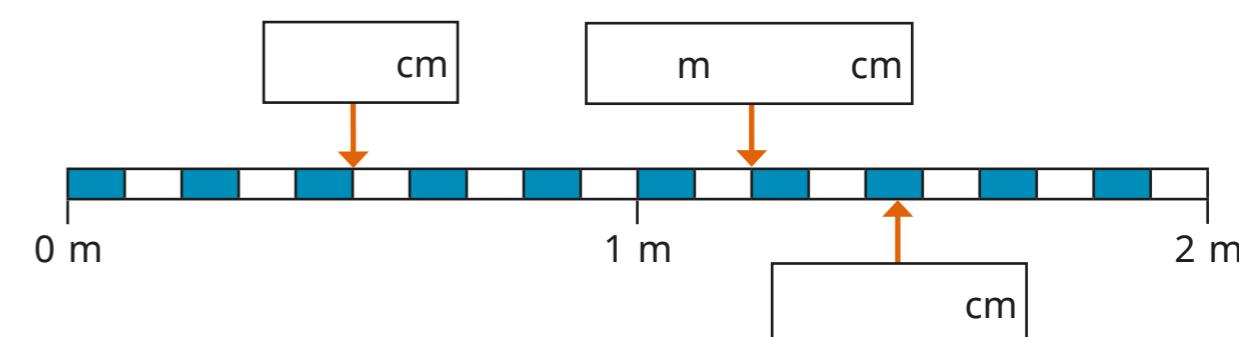
100 cm				

There are 500 cm in m.

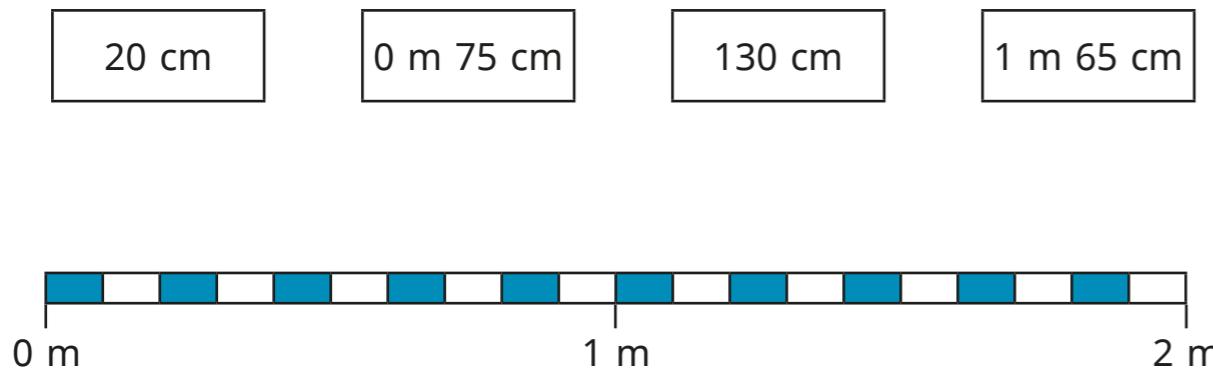
2 Complete the table to show equivalent lengths and continue the pattern.

cm	m and cm
310 cm	3 m and 10 cm
320 cm	<input type="text"/> m and <input type="text"/> cm
330 cm	<input type="text"/> m and <input type="text"/> cm
cm	3 m and 40 cm
cm	3 m and 50 cm
cm	<input type="text"/> m and <input type="text"/> cm
cm	<input type="text"/> m and <input type="text"/> cm
cm	<input type="text"/> m and <input type="text"/> cm
cm	<input type="text"/> m and <input type="text"/> cm
cm	<input type="text"/> m and <input type="text"/> cm

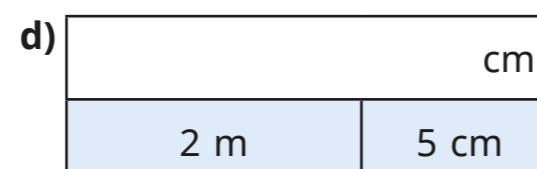
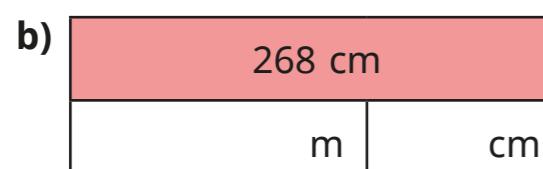
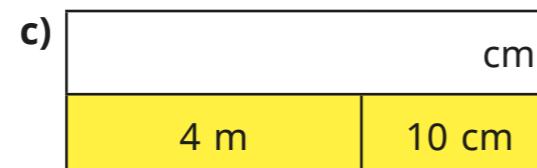
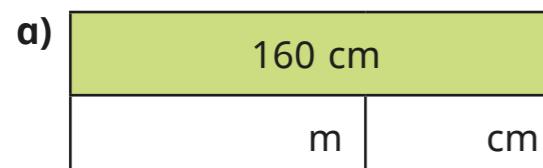
3 Write the missing measurements.



4 Draw arrows to show the position of each measurement



5 Complete the bar models.



6 Complete the sentences.

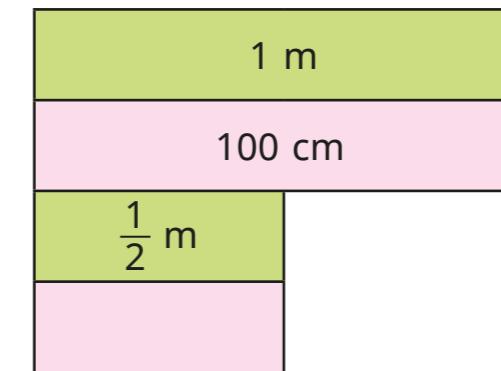
a) $319 \text{ cm} =$ m and cm

b) $508 \text{ cm} =$ m and cm

c) $2 \text{ m and } 15 \text{ cm} =$ cm

d) $8 \text{ m and } 3 \text{ cm} =$ cm

7 Use the bar models to help complete the equivalent lengths.



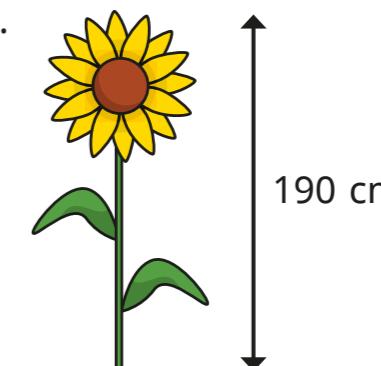
a) $\frac{1}{2} \text{ m} =$ cm

c) $750 \text{ cm} =$ m

b) $4\frac{1}{2}$ m = cm

d)  $m = 550 \text{ cm}$

8 Here is Huan's sunflower



Dani's sunflower is 2 m and 30 cm.

The height of Tom's sunflower is exactly halfway between the heights of Huan's and Dani's sunflowers.

How tall is Tom's sunflower?

Write your answer in metres and centimetres

m and cm