Friday 12th June 2020 Y3 Maths

Hello, Year 3s. In Maths today, we are looking at length – metres (m) and centimetres (cm).

First click on this link https://vimeo.com/425555616 and watch the teaching video then answer the questions below.

Equivalent lengths – m and cm

Rose Maths

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

Use the bar models to complete the sentences.

1 m
100 cm

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)

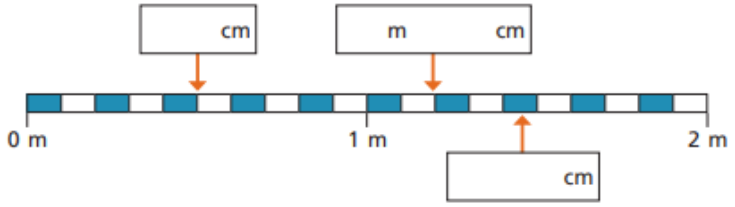
100 cm	100 cm	100 cm	100 cm	100 cm

There are 500 cm in ☐ m.

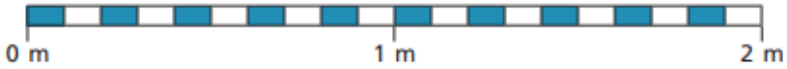
2 Complete the table to show equivalent lengths and continue the pattern.

cm	m and cm
310 cm	3 m and 10 cm
320 cm	m and cm
330 cm	m and cm
cm	3 m and 40 cm
cm	3 m and 50 cm
cm	m and cm
cm	m and cm

3 Write the missing measurements.



4 Draw an arrow to show the position of each measurement.



A	B	C	D
20 cm	0 m 75 cm	130 cm	1 m 65 cm

5 Complete the bar models.

a)

160 cm	
m	cm

b)

268 cm	
m	cm

c)

	cm
4 m	10 cm

d)

	cm
2 m	5 cm

6 Complete the sentences.

a) 240 cm = ☐ m and ☐ cm

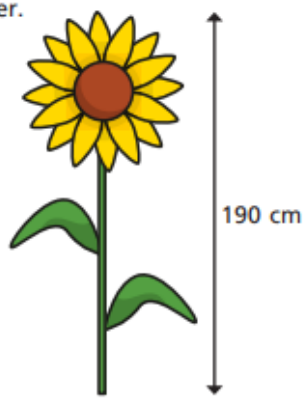
b) 319 cm = ☐ m and ☐ cm

c) 508 cm = ☐ m and ☐ cm

d) 2 m and 15 cm = ☐ cm

e) 8 m and 3 cm = ☐ cm

7 Here is Huan's sunflower.



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.

☐ m and ☐ cm

Equivalent lengths – m and cm

1 There are 100 centimetres (cm) in 1 metre (m).
Use the bar models to complete the sentences.

1 m
100 cm

a)

1 m	1 m	1 m
100 cm	100 cm	100 cm

There are 300 cm in 3 m.

b)

1 m	1 m	1 m	1 m	1 m	1 m
100 cm	100 cm	100 cm	100 cm	100 cm	100 cm

There are 600 cm in 6 m.

c)

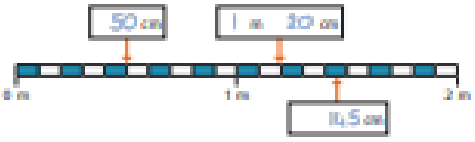
1 m	1 m	1 m	1 m	1 m
100 cm	100 cm	100 cm	100 cm	100 cm

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

3 Write the missing measurements.



4 Draw an arrow to show the position of each measurement.

A	B	C	D
30 cm	0 m 75 cm	130 cm	1 m 65 cm

5 Complete the bar models.

a)

160 cm	
1 m	60 cm

b)

268 cm	
2 m	68 cm

c)

410 cm	
4 m	10 cm

d)

205 cm	
2 m	5 cm

6 Complete the sentences.

a) 246 cm = 2 m and 46 cm

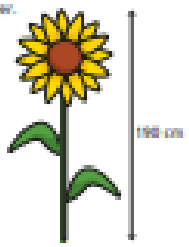
b) 319 cm = 3 m and 19 cm

c) 508 cm = 5 m and 8 cm

d) 2 m and 15 cm = 215 cm

e) 8 m and 3 cm = 803 cm

7 Here is Husin's sunflower.



Dan's sunflower is 2 m and 30 cm.

Tom's sunflower is exactly halfway between Husin's and Dan's.

How tall is Tom's sunflower?

Write your answer in metres and centimetres.

2 m and 10 cm