Monday 29th June 2020 Summer Term- Week 7- Lesson 1- measure length

Please watch the video first https://vimeo.com/425555378

Measure length

1 What is the length of each line?

a) _____

☐ cm

b) _____

☐ cm

c)

☐ cm

2 Write the length of each line to the nearest millimetre.

a) _____

☐ mm

b) _____

☐ mm

c)

☐ mm

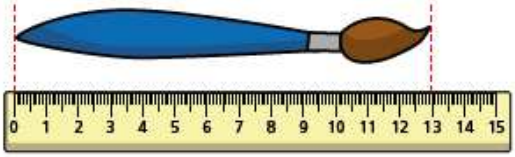
3 Use a ruler to draw lines of these lengths.

a) 5 cm

b) 75 mm

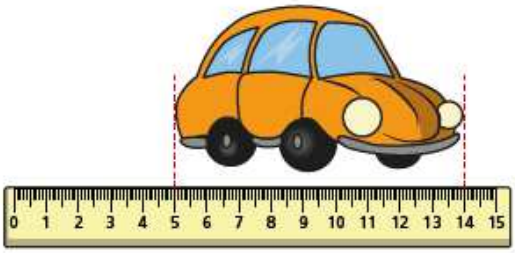
c) 42 mm

4 How long is the paintbrush?



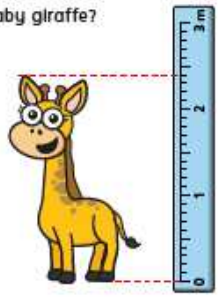
The paintbrush is ☐ cm long.

5 How long is the toy car?



The toy car is ☐ cm long.

6 How tall is the baby giraffe?



The baby giraffe is ☐ m and ☐ cm tall.

7 Tick the most sensible estimate for the height of a classroom door.

20 cm	2 m	20 m
☐	☐	☐

8 Find items in the classroom that are the following lengths.

Write your answers in the table.

Less than 10 cm long	Between 10 cm and 1 m long	More than 1 m tall

Compare with a partner.

Tuesday 30th June 2020 Summer Term- Week 7- Lesson 2- Equivalent lengths

Please watch the video first https://vimeo.com/425555616

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

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)

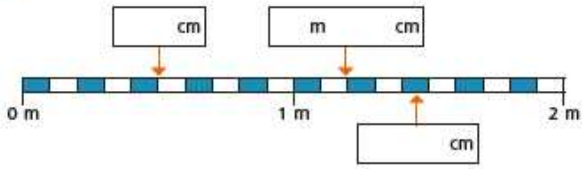
100 cm	100 cm	100 cm	100 cm	100 cm

There are 500 cm in ☐ m.

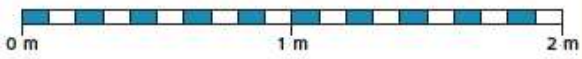
2 Complete the table to show equivalent lengths and continue the pattern.

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

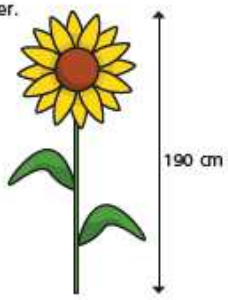
b) 319 cm = ☐ m and ☐ cm

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

Wednesday 1st July 2020 Summer Term- Week 7- Lesson 3- Equivalent lengths

Please watch the video first https://vimeo.com/425555747

Equivalent lengths – mm and cm

1 There are 10 millimetres (mm) in 1 centimetre (cm).

Use the bar models to complete the sentences.

1 cm
10 mm

a)

1 cm	1 cm	1 cm

There are ☐ mm in 3 cm.

b)

1 cm	1 cm	1 cm	1 cm	1 cm	1 cm	1 cm

There are ☐ mm in 7 cm.

c)

10 mm	10 mm	10 mm	10 mm

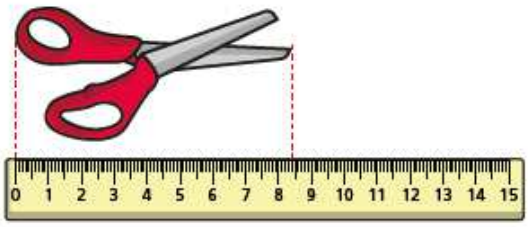
There are 40 mm in ☐ cm.

2 Match the equivalent lengths.

1 cm 3 mm	3 cm 1 mm	30 mm	33 mm	30 cm

300 mm	13 mm	31 mm	3 cm 0 mm	3 cm 3 mm

3 How long are the scissors?



The scissors are ☐ cm and ☐ mm long.

The scissors are ☐ mm long.

4 Find three items in your classroom.

Measure them and complete the table.

One has been done for you.

Item	Length in cm and mm	Length in mm
toy car	9 cm 6 mm	96 mm

5 Filip and Kim are building towers using cubes.

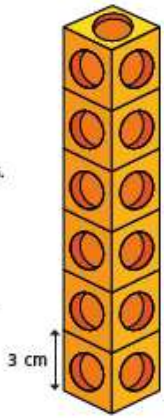
Each cube is 3 cm high.

a) Filip uses 6 cubes.

How tall is Filip's tower?

Give your answer in millimetres.

Filip's tower is ☐ mm tall.



b) Kim's tower is 300 mm tall.

How many cubes does she use?

Kim uses ☐ cubes.

6 Complete the bar models.

a)

62 mm	
cm	mm

b)

4 mm	
cm	mm

c)

	mm
30 cm	1 mm

d)

	mm
30 cm	10 mm

Thursday 2nd July 2020 Summer Term- Week 7- Lesson 4- compare lengths

Please watch the video first https://vimeo.com/425555865

Compare lengths

1 Write <, > or = to compare the lengths.

a) 60 mm ◯ 6 cm

c) 5 cm ◯ 45 mm

b) 1 m 50 cm ◯ 115 cm

d) 100 mm ◯ 1 m

How did you work this out?

2 Eva, Mo, Alex and Dexter have each built a tower.

Use the table to complete the sentences.

Child	Height of tower
Eva	1 m 5 cm
Mo	135 cm
Alex	1 m 45 cm
Dexter	1 m 25 cm

a) _____'s tower is the tallest.

b) _____'s tower is the shortest.

c) Mo's tower is _____ than Dexter's.

d) Eva's tower is _____ than Alex's.

5 Measure the height of four of your classmates.

Measure their foot length and then complete the table.

Name	Height in cm	Foot length in cm

What have you found? Do taller people have longer feet?

6 Measure the height of four of your classmates.

Measure how far they can jump and then complete the table.

Name	Height in cm	Jump length in cm

Talk about what your results show.

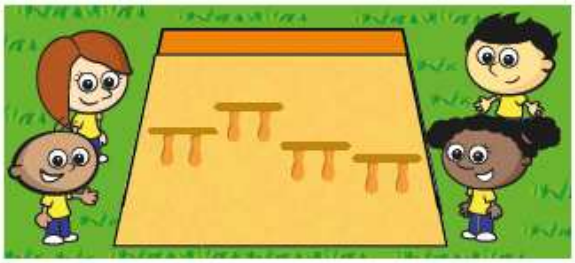
Can taller people jump further?

3 Write the following lengths in order from shortest to longest.

160 cm	950 mm	1m 50 mm	200 cm	1 m 25 cm

shortest ... longest

4 Jack, Tommy, Rosie and Whitney have a jumping competition.



Here are the results.

Jack	Tommy	Rosie	Whitney
870 mm	105 cm	1 m and 30 mm	1 m and 10 cm

The person who jumped the furthest wins the competition.

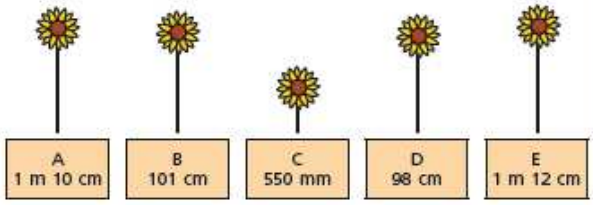
Put the children in order from 1st to 4th place.

_____ _____ _____ _____

1st 2nd 3rd 4th

7 Teddy, Mo, Amir, Dora and Annie have each grown a sunflower.

Use the clues below to work out which sunflower belongs to which child.



Amir: My sunflower is twice as tall as Teddy's.

Mo: My sunflower is less than 1 m tall.

Dora: My sunflower is 3 cm taller than Mo's.

Annie: My sunflower is the tallest.

Write the owner of each sunflower.

sunflower A: _____ sunflower D: _____

sunflower B: _____ sunflower E: _____

sunflower C: _____

Friday 3rd July 2020 Consolidation day!

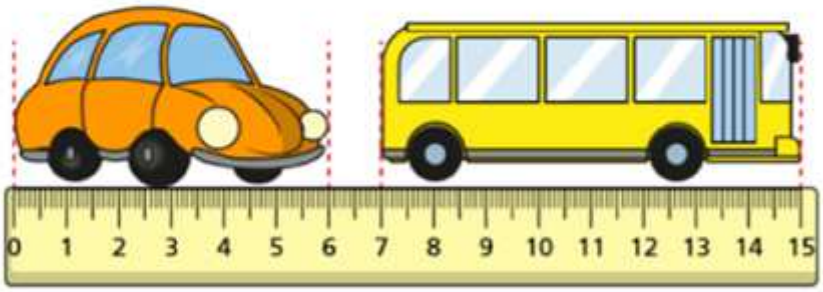
TTRS- complete minimum of 5 games. Where will you end up on the leaderboard this week?

These are activities to keep our maths learning 'sticky'. Select at least 2 of the activities below to complete your maths lesson today.

- Numbots
- Maths games set as 2Dos on Purple Mash
- BBC Bitesize game- Guardians Defenders of Mathematica

Challenge 1

Here is a toy car and bus.

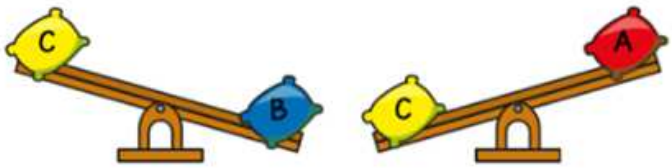


- By how many cm is the bus longer than the car?

Challenge 2

Here are 3 beanbags.

They are placed on a seesaw.

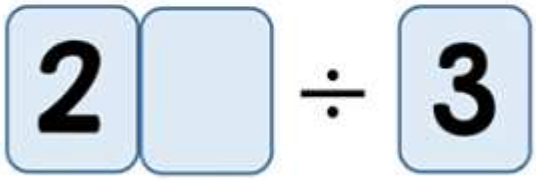


- Which beanbag is the heaviest?

Challenge 3

Amir is dividing a 2-digit number by 3.

His answer is a whole number.



- What could the missing digit be?

Challenge 4

Lewis makes a repeating pattern with some shapes.

Lewis repeats the pattern.

What is the shape in the **50th** position?