Monday 15th June Y3 Maths

Good morning Y3s, I hope you have had a good weekend. Here is today's maths. Watch the teaching video at https://vimeo.com/425555747 and then complete the questions below. (You can leave question 5 if you don't have a ruler at home.)

Equivalent lengths – mm and cm

Maths

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

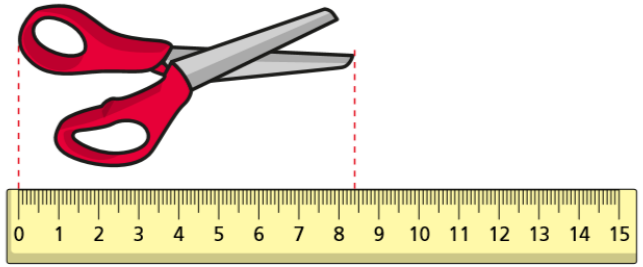
There are 40 mm in ☐ cm.

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.

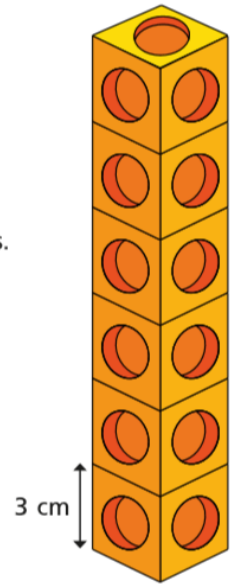
Each cube is 3 cm high.

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

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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
10 mm	10 mm	10 mm

There are 30 mm in 3 cm.

b)

1 cm	1 cm	1 cm	1 cm	1 cm	1 cm	1 cm
10 mm	10 mm	10 mm	10 mm	10 mm	10 mm	10 mm

There are 70 mm in 7 cm.

c)

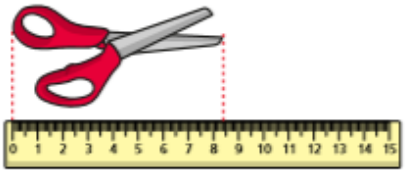
1 cm	1 cm	1 cm	1 cm
10 mm	10 mm	10 mm	10 mm

There are 40 mm in 4 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 8 cm and 4 mm long.

The scissors are 84 mm long.

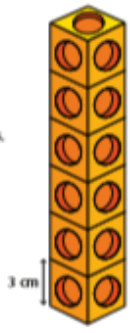
4 Find three items in your classroom.
Measure them and complete the table.
One has been done for you.

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 180 mm tall.



b) Kim's tower is 300 mm tall.
How many cubes does she use?

Kim uses 10 cubes.

6 Complete the bar models.

a)

62 mm	
6 cm	2 mm

b)

4 mm	
0 cm	4 mm

c)

301 mm	
30 cm	1 mm

d)

310 mm	
30 cm	10 mm