

Class 8 Maths

Facts

You need to practise your timetables and other number facts regularly, as we do in school.

You can use Times Table Rock Star like we do in school. The link is

- <https://play.ttrockstars.com/auth>

You can also use Numbots which uses the same login as Times Table Rock Star

- <https://play.numbots.com/#/account/search-school>

Arithmetic

This week there are fluency and varied fluency questions around measure and length. We began to look at this just before we left school. I have wrote the conversions below to help you. DO NOT use a ruler to measure the pictures as they are not the actual size of the objects. Use the ruler given in the picture to measure.

1cm = 10mm – To change centimetres into mm you need to x10

1M = 100cm – To change meters into cm you need to x100

100cm = 1M – To change cm into m you need to DIVIDE by 100

10mm = 1cm – To change mm into cm you need to DIVIDE by 10

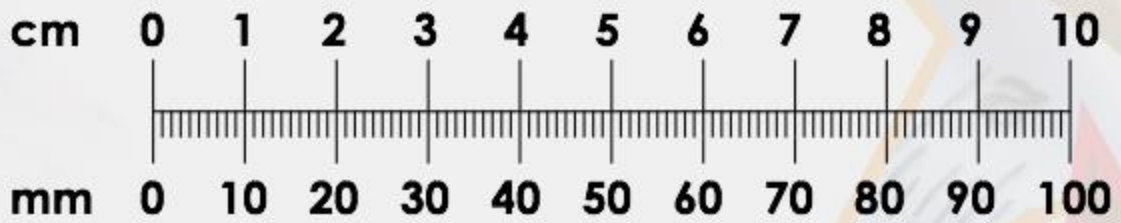
Remember when measuring objects using a ruler you need to start at the 0 not the end of the ruler. Don't forget to write the unit you are measuring at the end of the measurement.

Monday-

I want you to measure 6 objects from around your house- These should only be things that you can measure using a ruler.

1cm is equal to 10mm.

Use this information to complete these conversions.



$$20\text{mm} = \square \text{ cm}$$

$$\square \text{ mm} = 4 \text{ cm}$$

$$300\text{mm} = \square \text{ cm}$$

Tuesday-

Change these measurements from cm to m.

1. 500cm
2. 700cm
3. 900cm
4. 250cm
5. 450cm

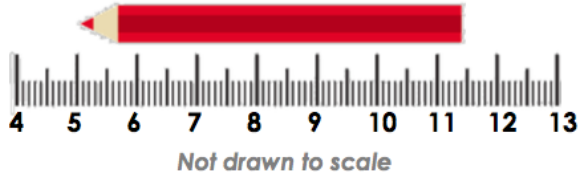
Change these measurements from cm to mm.

1. 20cm
2. 50cm
3. 70cm

- 4. 45cm
- 5. 67cm

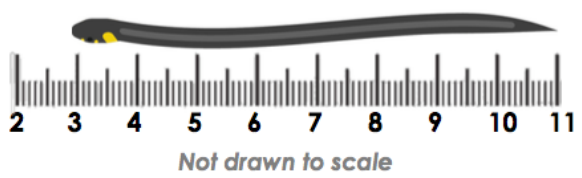
Wednesday-

7a. Tick the length of the pencil.



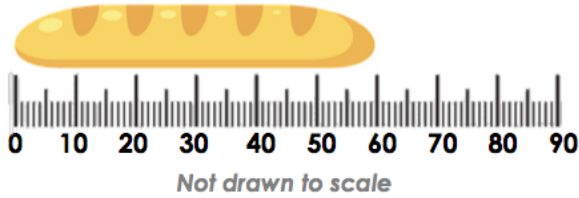
6cm and 4mm 7cm VF

7b. Tick the length of the snake.



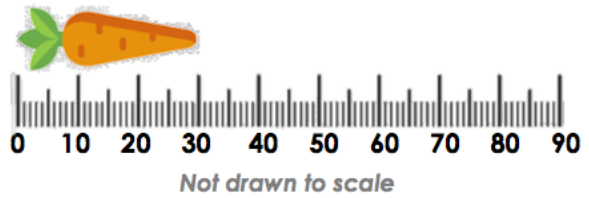
8cm and 1mm 9cm VF

3a. Tick the length of the bread.



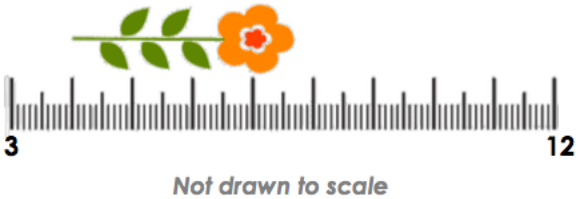
50mm 60mm VF

3b. Tick the length of the carrot.



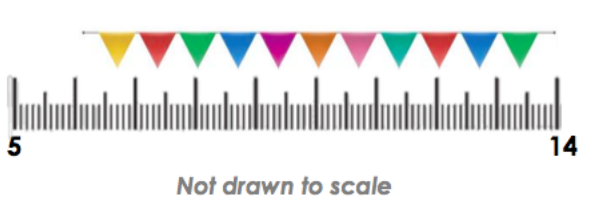
30mm 35mm VF

11a. Tick the length of the flower.



3cm and 7mm 6cm and 8mm VF

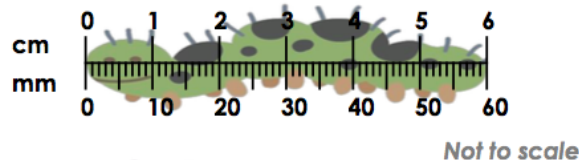
11b. Tick the length of the bunting.



9cm and 1mm 7cm and 9mm VF

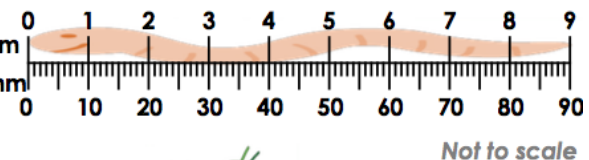
Thursday-

4a. Tick the insect that is the same length as the caterpillar below.



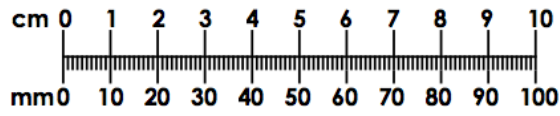
A. 60cm 5mm
 B. 6cm 5mm
 C. 6cm VF

4b. Tick the insect that is the same length as the worm below.



A. 7cm 5mm
 B. 9cm
 C. 19cm VF

8a. Tick the ribbon that is the same length as the one below.



11cm 1mm

Not to scale

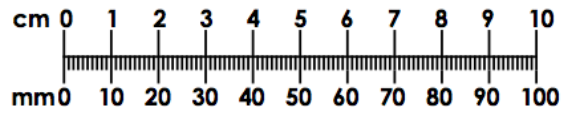
A. 111mm

B. 61cm 5mm

C. 10cm 1mm

VF

8b. Tick the ribbon that is the same length as the one below.



8cm 5mm

Not to scale

A. 75cm 1mm

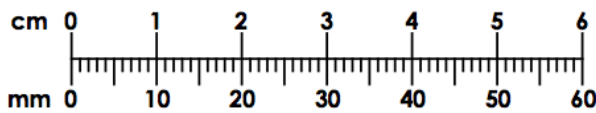
B. 85mm

C. 855mm

VF

Friday-

2a. Join the equivalent lengths.



30mm

60mm

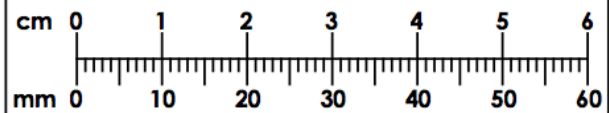
40mm

3cm

6cm

4cm

2b. Join the equivalent lengths.



50mm

20mm

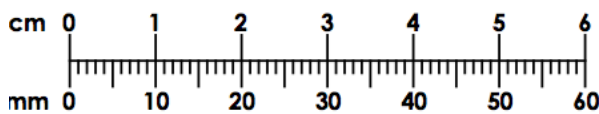
30cm

5cm

2cm

300mm

6a. Join the equivalent lengths.



33mm

4cm 5mm

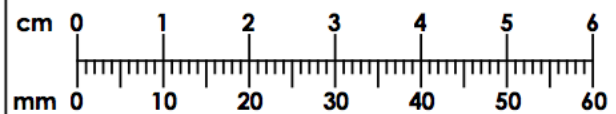
45mm

82mm

8cm 2mm

3cm 3mm

6b. Join the equivalent lengths.



76mm

9cm 5mm

95cm

69mm

6cm 9mm

7cm 6mm