

# Monday 20<sup>th</sup> April - Maths Parent/carer Here is our **Maths** lesson!

Here is a lesson linked to our learning all about length!

You won't need to print these pages to complete your work - you can use your homework book or a piece of paper you have at home.

You won't need a ruler to be able to answer all of the questions, so don't worry if you don't have a ruler to hand!

The questions have been split into their Maths groups, but your child will know which group they work in. Don't worry if it has been a while since you've put your measuring skills to the test, the answers follow the questions!

We are really enjoying seeing the pictures and messages sent in to our Twitter Page and School emails.

Please label these Y3 so we can make sure the Y3 staff see them.

It is lovely to see so many of you learning at home, and sharing this with us - we miss you all and can't wait to get back into school with you.

MISS

YOU!

Best wishes  
The Y3 team

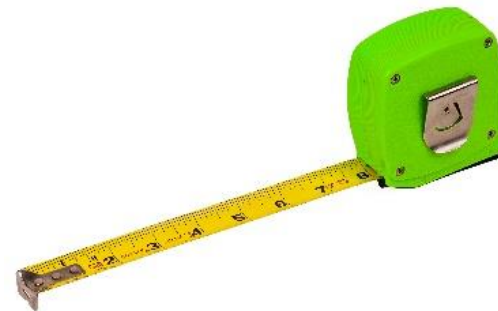
@elstonhallsch  
@palmerscrosssch  
@edwardeldersch  
@GoldthornPark

MISS

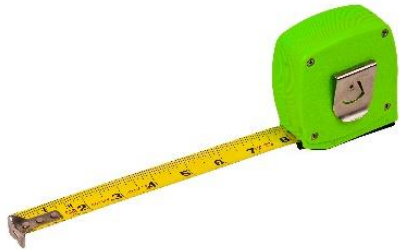
YOU!

# Length

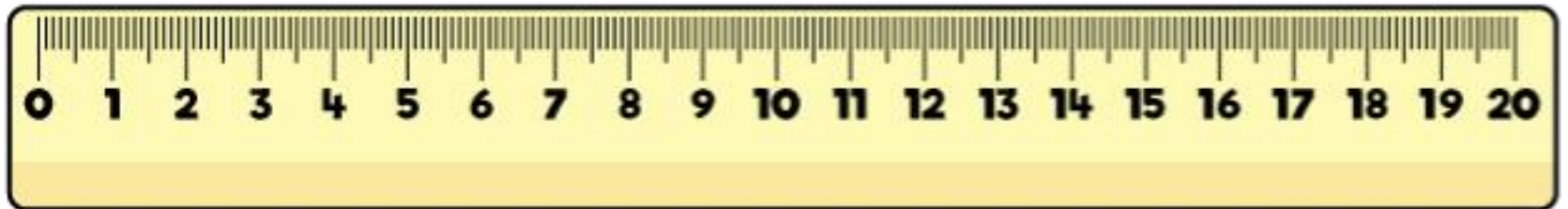
What piece of equipment would I use to measure length?



Daisies are generally quite short so what units of measurement would be best to use?

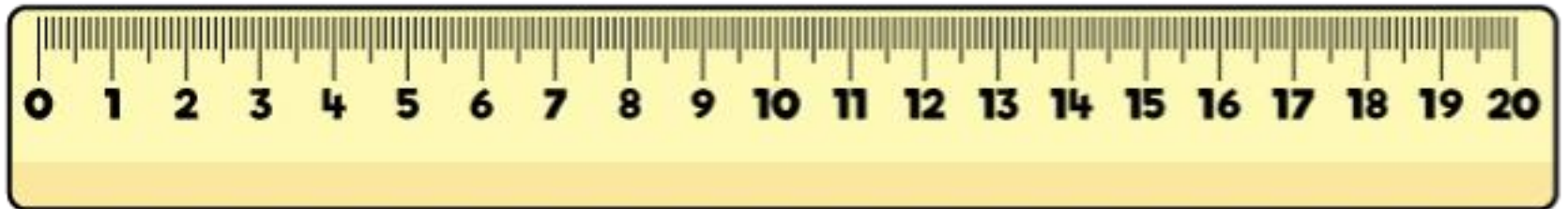
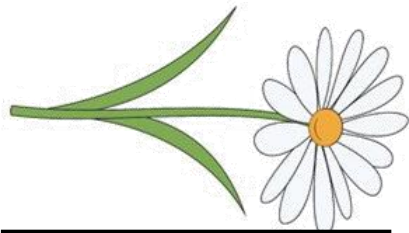


millimetres (mm) and centimetres (cm)



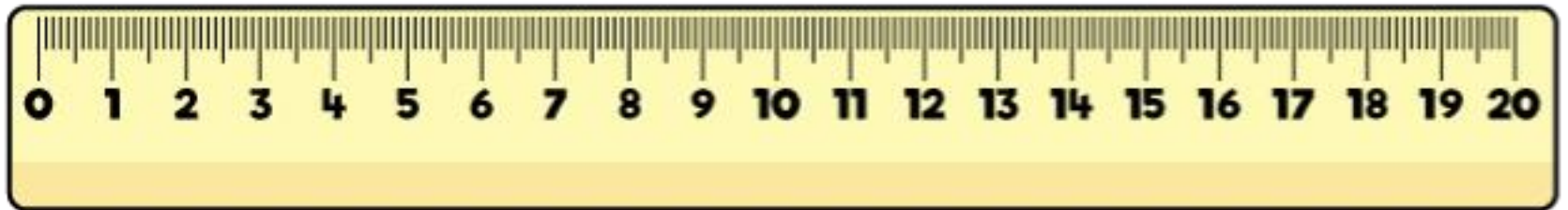
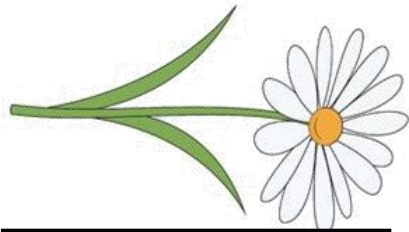
Using the ruler, how many mm are in 1cm?

Remember  $10\text{mm} = 1\text{cm}$

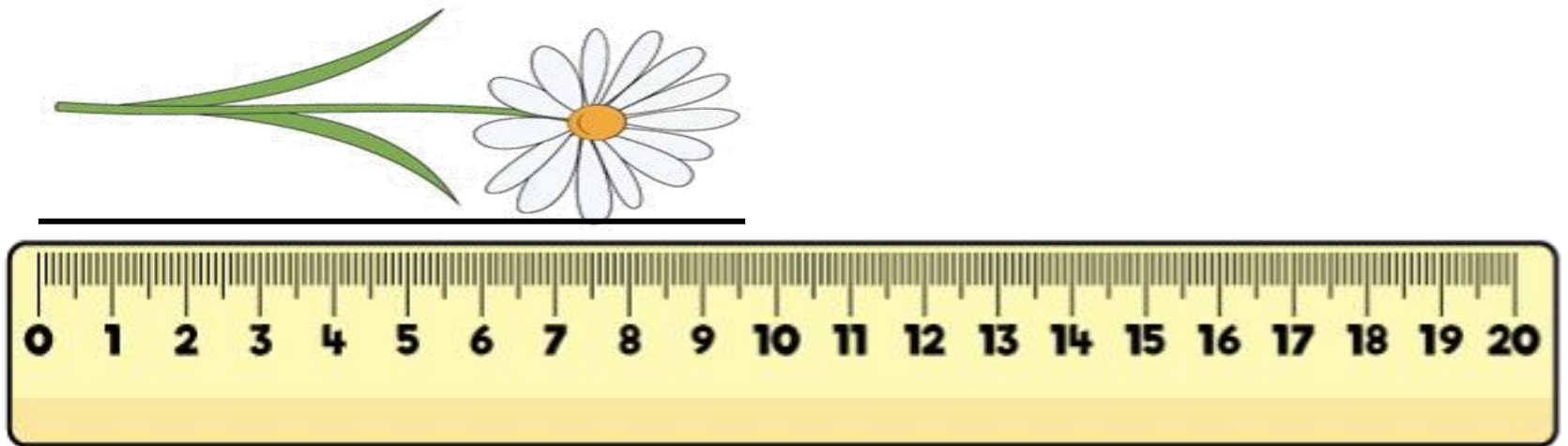


How long is the daisy in cm?  
How long is the daisy in mm?

The daisy is 5cm = 50mm



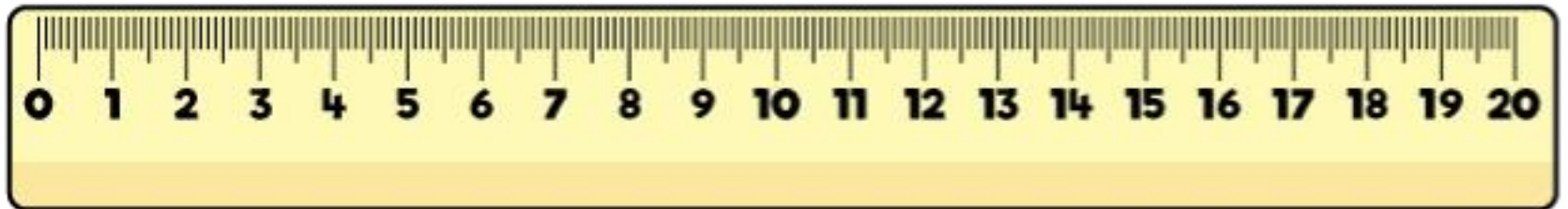
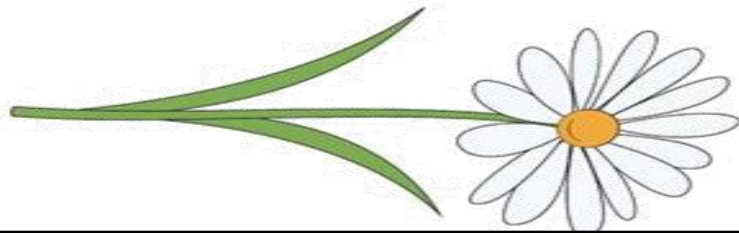
What happens when the measurement isn't on an exact cm?



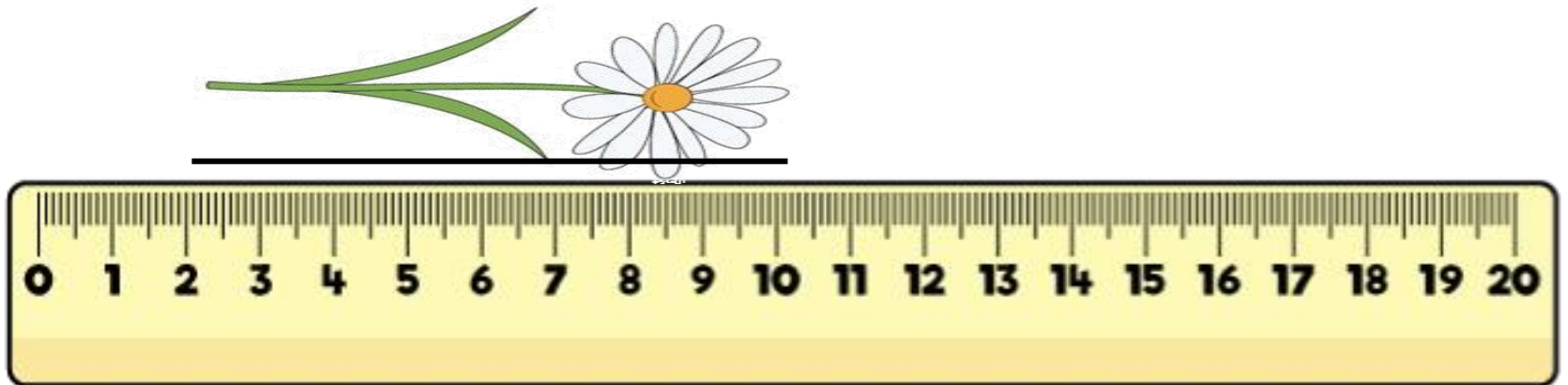
How long is the daisy in cm?  
How long is the daisy in mm?



The daisy is 9cm 5mm = 95mm

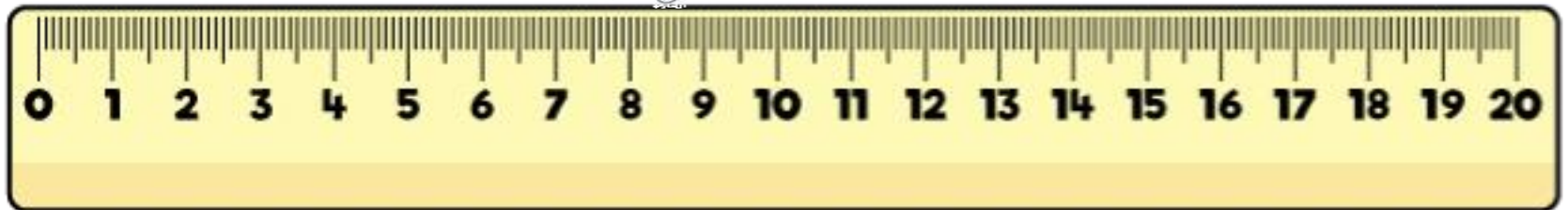
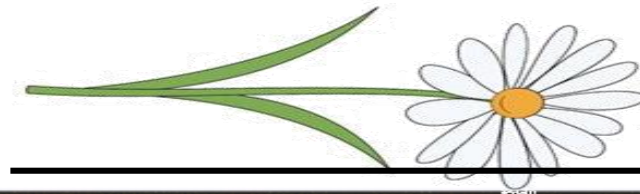


Oh no the measurement hasn't started from 0cm.



How long is the daisy in cm?  
How long is the daisy in mm?

The daisy is  $8\text{cm } 2\text{mm} = 82\text{mm}$

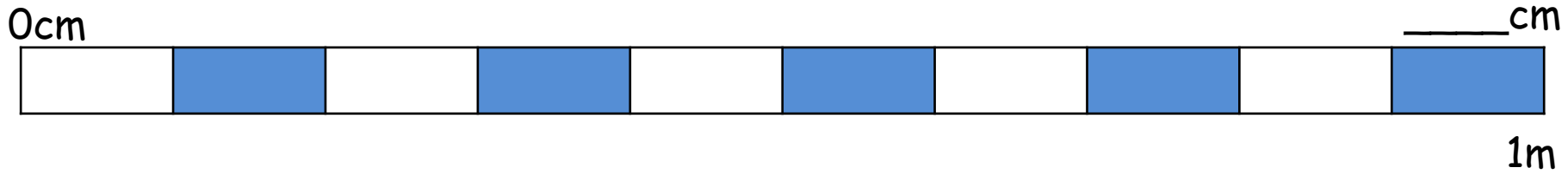


I worked out the length by counting the centimetres from 2cm to 10cm. Then I counted the extra millimetres.  
How did you work it out?

Some sunflowers can grow really high.  
What units of measurement could I  
use to measure the height of a  
sunflower?

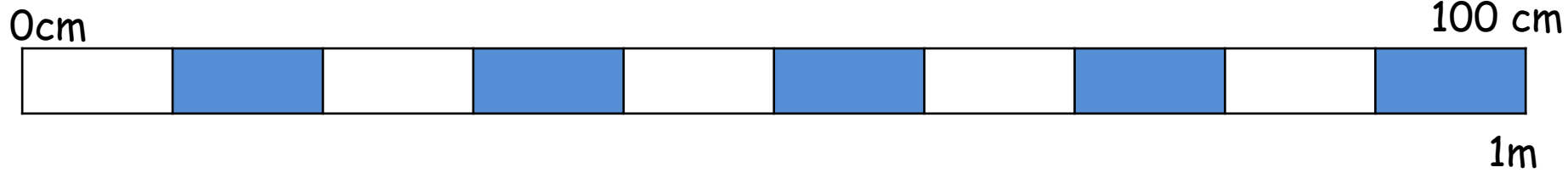


# centimetres (cm) and metres (m)

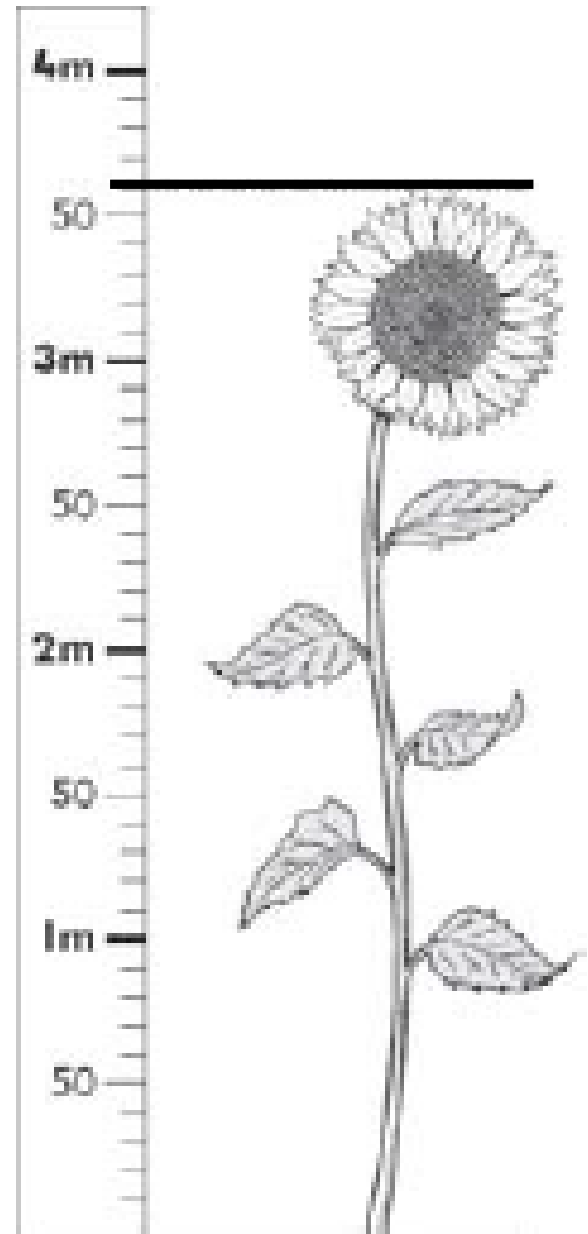


How many cm are in 1m?

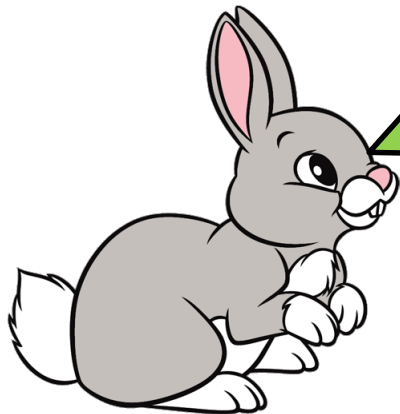
$$100\text{cm} = 1\text{m}$$



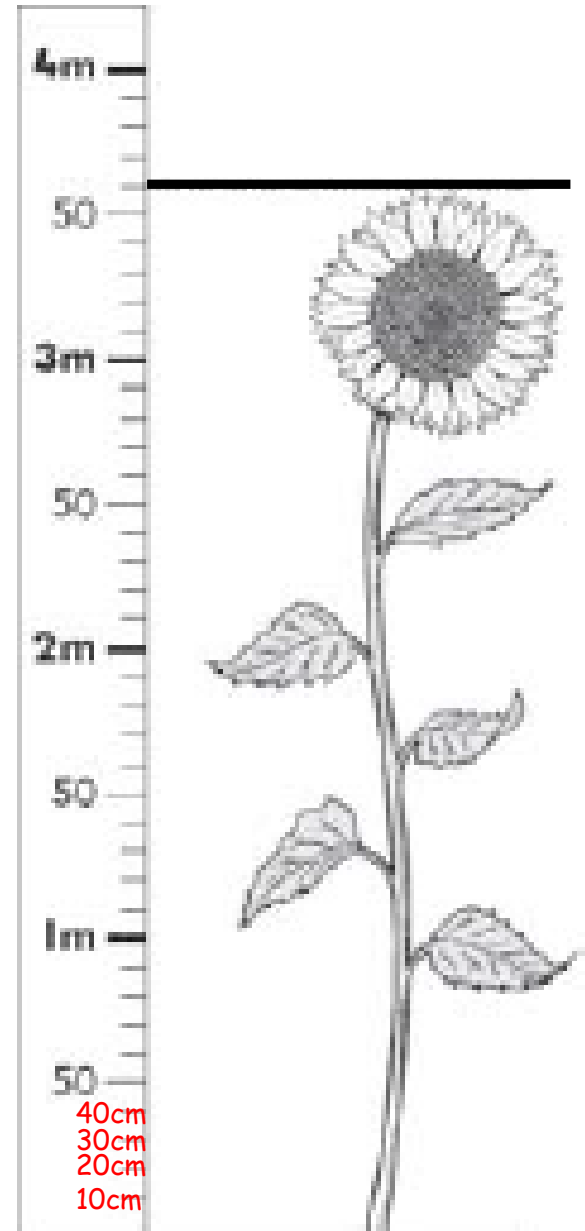
What is the height of the sunflower?



What is the height of the sunflower?

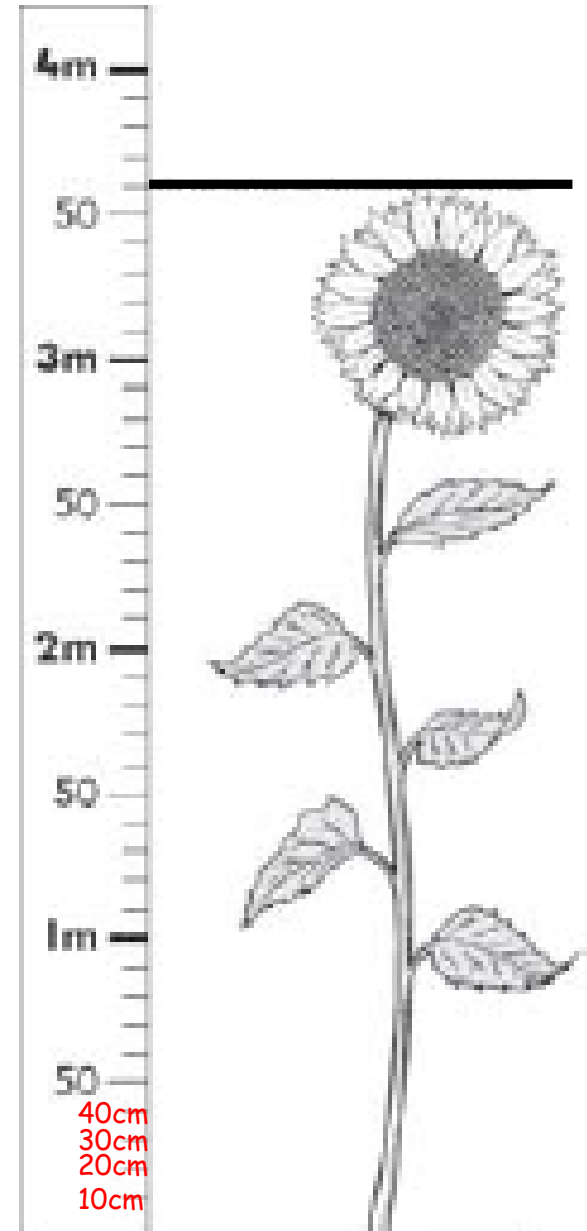


Look, it is going up in 10cm intervals. The height is 3m 60cm



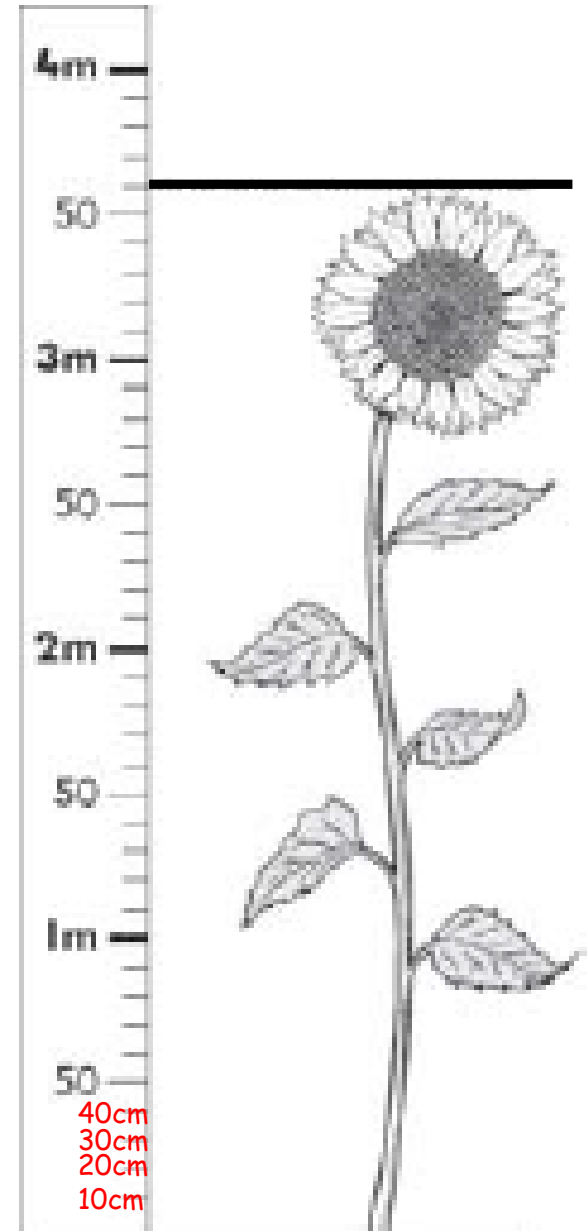


What is 3m 60cm in just cm?



$$3\text{m } 60\text{cm} = 360\text{cm}$$

3m	60cm
300cm	60cm
360cm	



Worksheets

# Length

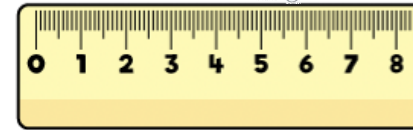
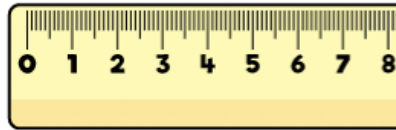
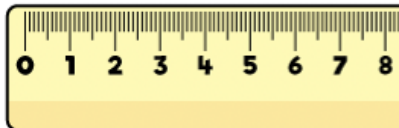
Green  
Yellow

## Task 1

1. Can you draw three lines?
  - a. 5cm
  - b. 60mm
  - c. 7cm
2. Which line is the longest?

## Task 2

What are the lengths of the daisies?  
Can you write your answers in cm and mm?



Look at the number it starts at.

## Task 3

1. Which is taller, a sunflower with height of 2m or a shrub with height 100cm?
2. Measure how tall you are in m and cm. Are you taller than the shrub?

# Length

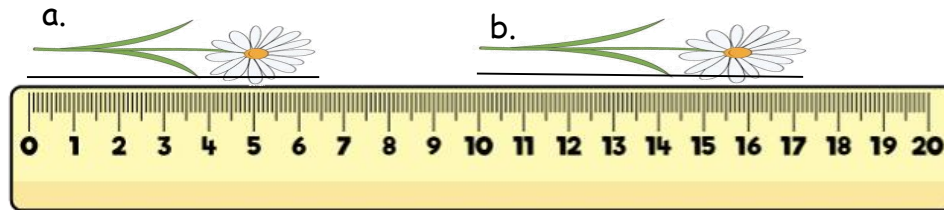
Blue  
Red Orange

## Task 1

1. In your workbook, can you draw three lines.
  - a. 5cm 3mm
  - b. 35mm
  - c. 4cm 5mm
2. Order the lengths of the lines from shortest to longest using the letters a, b and c.

## Task 2

1. What are the lengths of the daisies in cm and mm?



2. Which daisy is longer? How much longer is it?

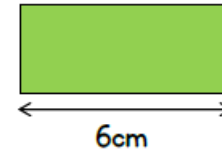
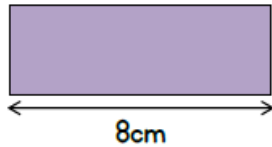
## Task 3

1. Which is taller, a sunflower with height of 1m 25cm or a shrub with height 152cm?
2. Measure how tall you are in m and cm. Are you taller than the sunflower?

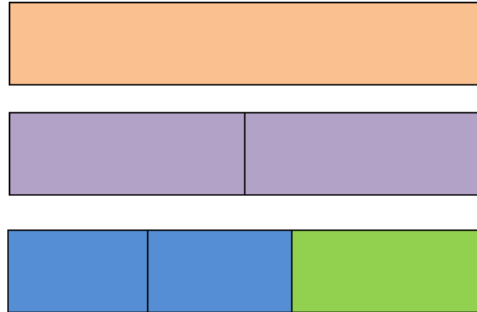
# Warrior Challenge



1. Each purple block is 8cm long. Each green block is 6cm long.



How long is a blue block?



2. Flopsy is thinking of a measurement. Use her clues to work out which measurement she is thinking of.



- In mm, my measurement is a multiple of 2
- It has 8 cm and some mm
- It's less than 85 mm
- In mm, the digit sum is 12

**Answers**

# Length

Green  
Yellow

## Task 1

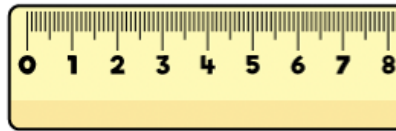
1. In your workbook, can you draw three lines.
  - a. 5cm
  - b. 60mm
  - c. 7cm
2. Which line is the longest? **C is the longest line.**

## Task 2

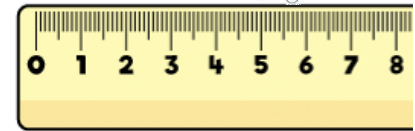
What are the lengths of the daisies?  
Can you write your answers in cm and mm?



5cm = 50mm



3cm = 30mm



6cm = 60mm

## Task 3

1. Which is taller, a sunflower with height of 2m or a shrub with height 100cm?  
**2m = 200cm 1m = 100cm. The sunflower is taller.**

2. Measure how tall you are in m and cm. Are you taller than the shrub?



# Length

Blue  
Red Orange

## Task 1

1. In your workbook, can you draw three lines.
  - a. 5cm 3mm
  - b. 35mm
  - c. 4cm 5mm

2. Order the lengths of the lines from shortest to longest using the letters a, b and c. **b, c, a**

## Task 2

1. What are the lengths of the daisies in cm and mm?

a.



b.



a. 6cm 5mm = 65mm

b. 7cm 2mm = 72mm

2. Which daisy is longer? How much longer is it?

**B is 7mm longer**

## Task 3

1. Which is taller, a sunflower with height of 1m 25cm or a shrub with height 152cm?

1m 25cm = 125cm.

1m 52cm = 152cm.

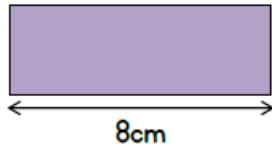
The shrub is taller.

2. Measure how tall you are in m and cm. Are you taller than the sunflower?

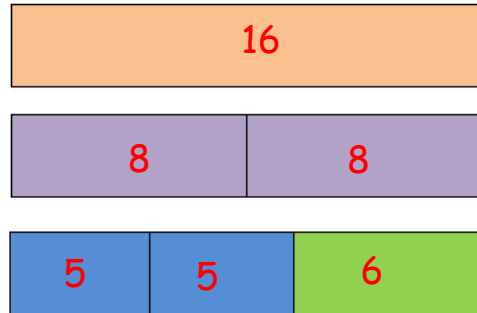
# Warrior Challenge



1. Each purple block is 8cm long. Each green block is 6cm long.



How long is a blue block? **5cm**



2. Flopsy is thinking of a measurement. Use her clues to work out which measurement she is thinking of.



- In mm, my measurement is a multiple of 2
- It has 8 cm and some mm
- It's less than 85 mm
- In mm, the digit sum is 12

**84mm = 8cm 4mm**



Well done!

You're doing great  
and your teachers  
are very proud of  
you!

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It is lovely to see so many of you learning at home, and sharing this with us - we miss you all and can't wait to get back into school with you.

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Best wishes  
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@edwardeldersch  
@GoldthornPark

MISS

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