LI: to note the difference between mm and cm.

20.03.20

Key words:

- Millimetre (mm)
- Centimetre (cm)
- Equivalent
- Convert

LI: to note the difference between mm and cm

Fluency in 5! ☺

https://www.topmarks.co.uk/maths-games/daily10

- Choose what you are comfortable with!
- I usually click on Level 2, then choose a times table/group of times tables to focus on ☺
- We should all know 2x, 5x and 10x, but focus on these if you're still not confident,
- The main tables we should be focusing on are 3x, 4x and 8x ☺

Measurement Bingo!

Draw a grid with 6 squares,

Write 6 numbers between 1-20 **metres**,

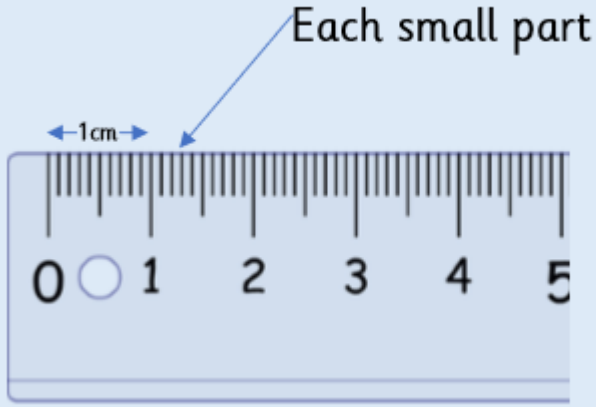
Example:

4m	10m	18m
1m	6m	11m

Warning! It may not be as easy as it sounds…

You may need to convert centimetres…

Here is part of a ruler in cm.
(not to scale)

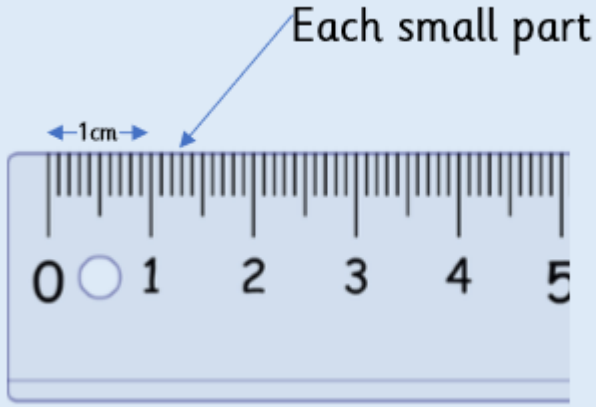


There are 10mm in 1cm.

10mm =

1cm =

Here is part of a ruler in cm.
(not to scale)



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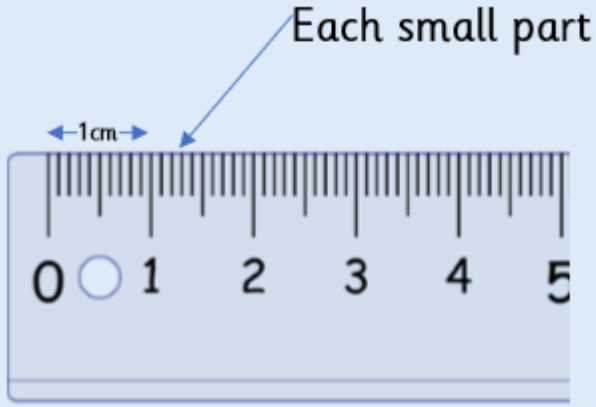


There are 10mm in 1cm.

10mm = 1cm

1cm = 10mm

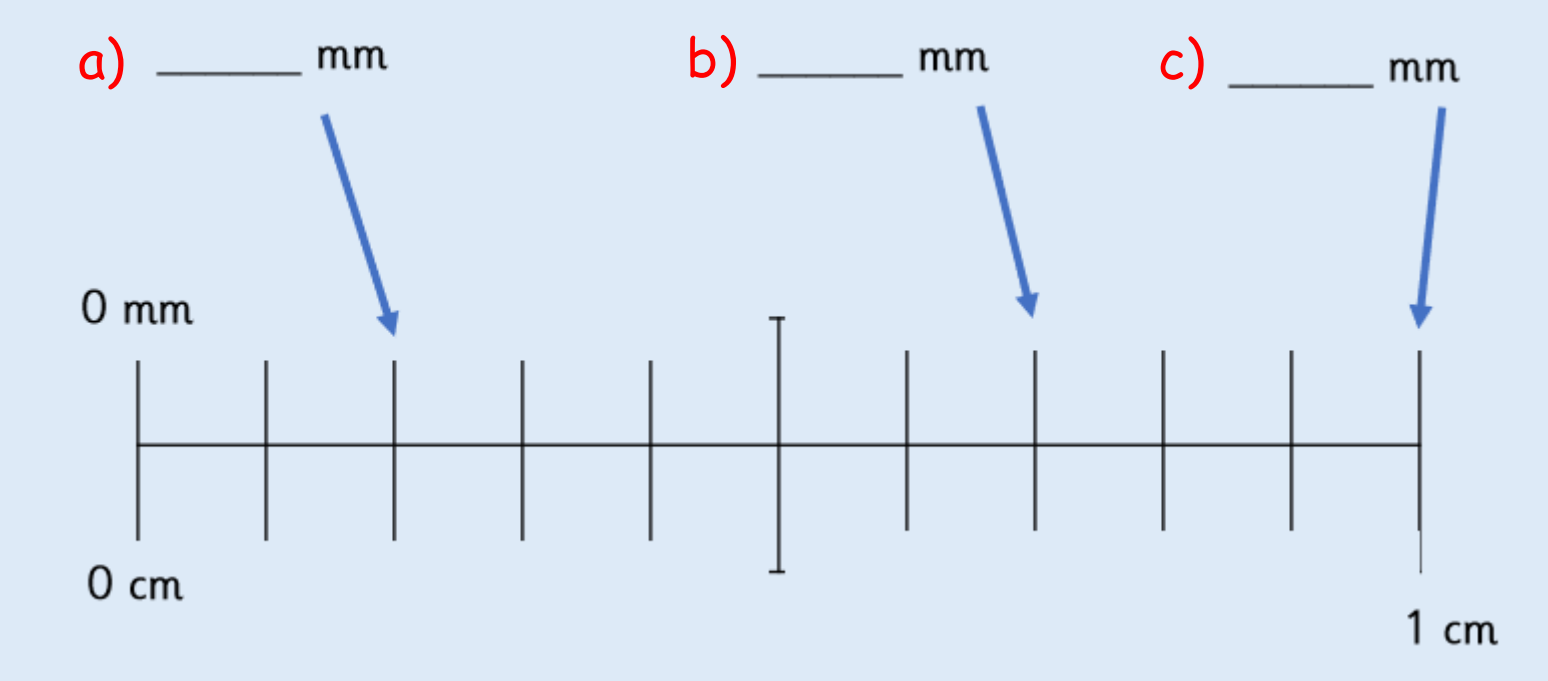
Put your finger and thumb close together to show a millimetre (like we did yesterday),

Now see if you can represent 10mm,

Make the distance 10x bigger,

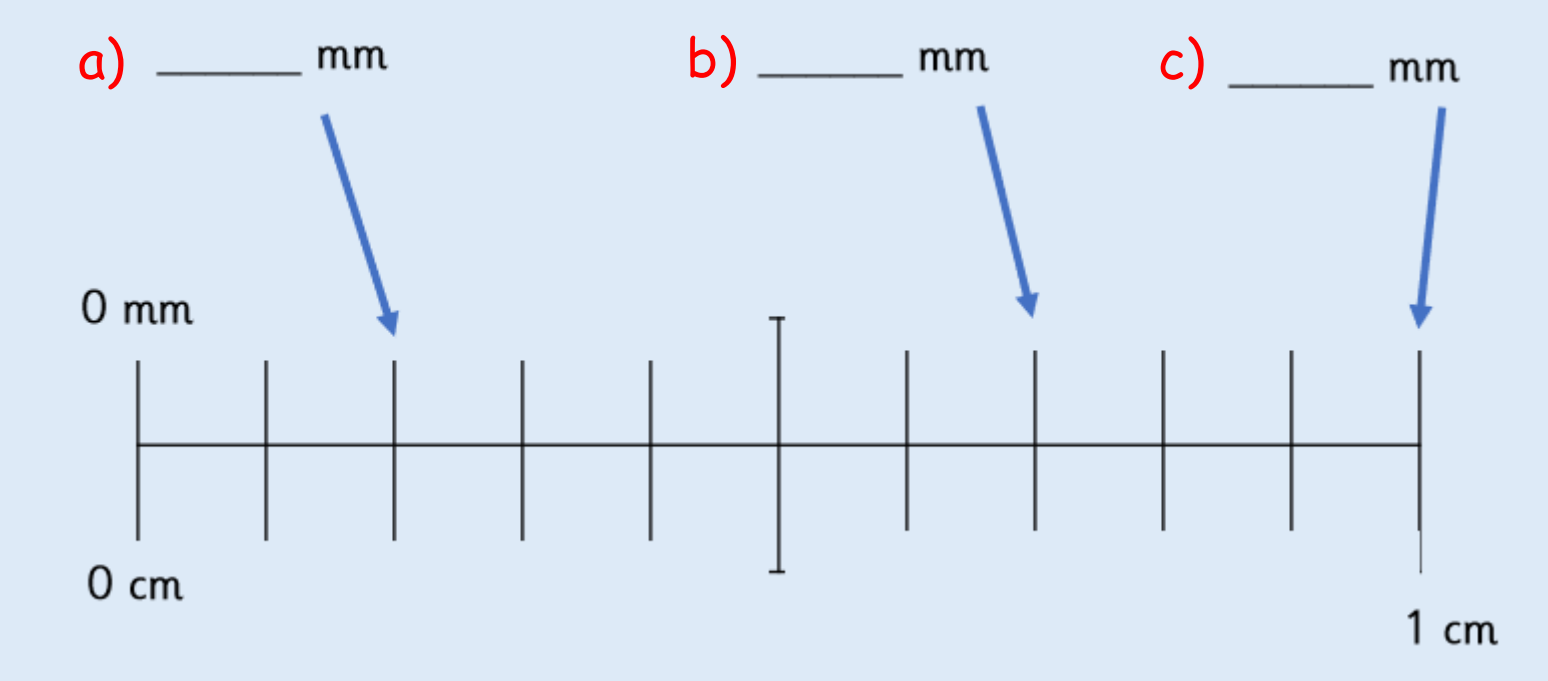
This represents a centimetre!

Fill in the blanks!



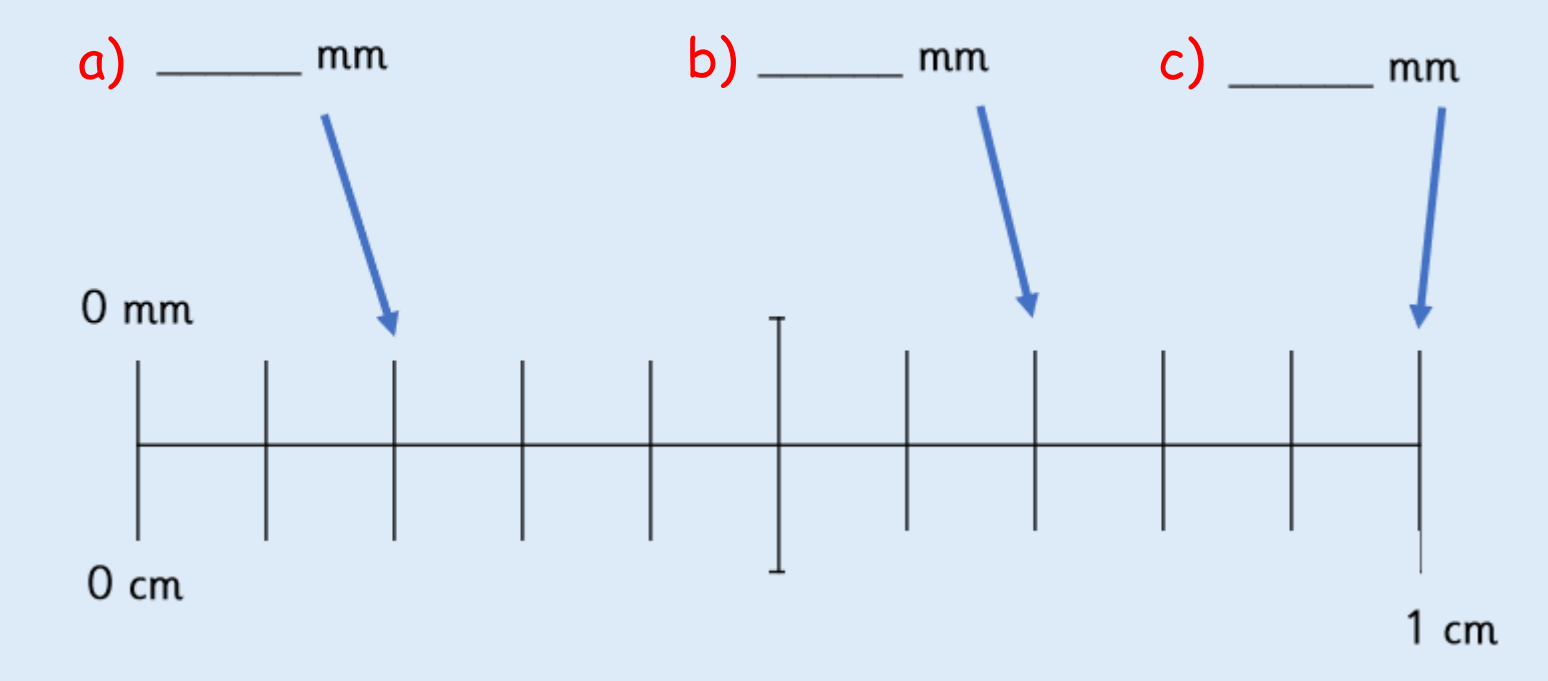
a = _____ mm b = _____ mm c = _____ mm

Fill in the blanks!



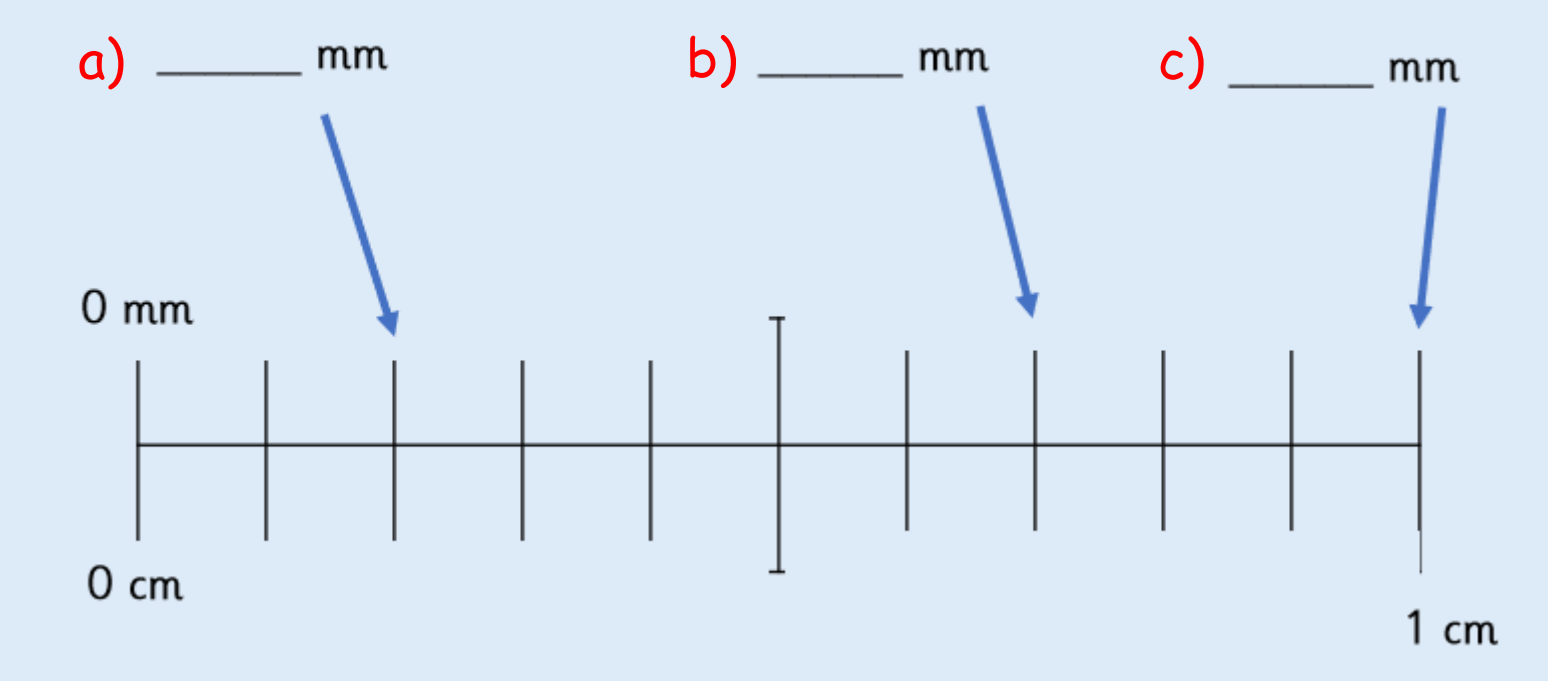
a = 2 mm b = _____ mm c = _____ mm

Fill in the blanks!



a = 2 mm b = 7 mm c = _____ mm

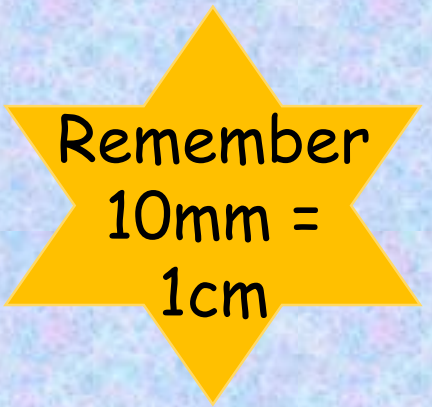
Fill in the blanks!



a = 2 mm b = 7 mm c = 10 mm

Classroom challenge:

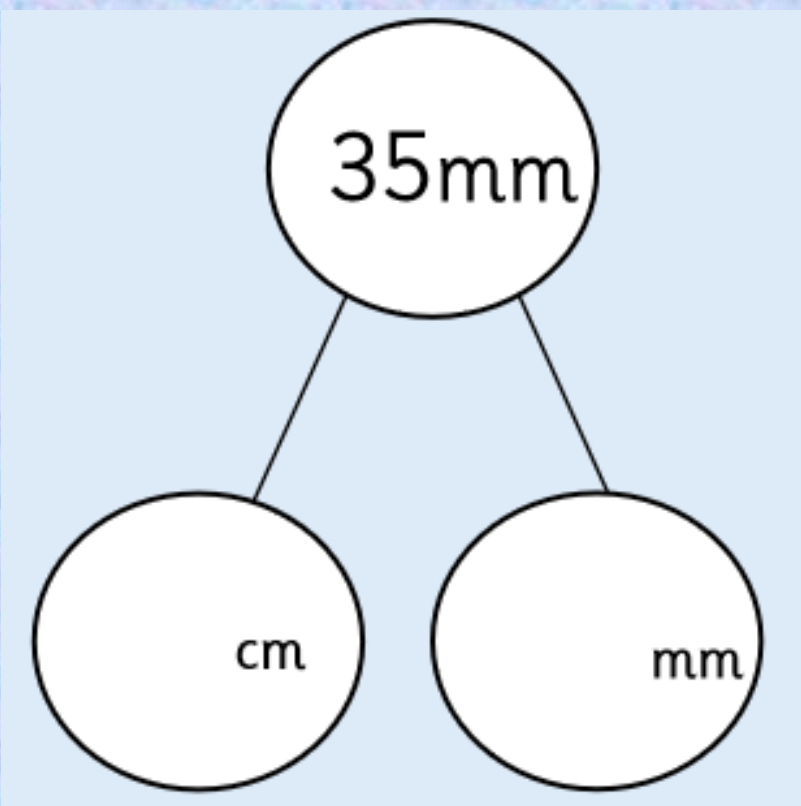
Your challenge is to walk around the classroom with a ruler, and see if you can find an object which is **less** than **50mm**,



When you have found the object, write down on your whiteboard what it is, and the length!

How would we partition mm into cm?

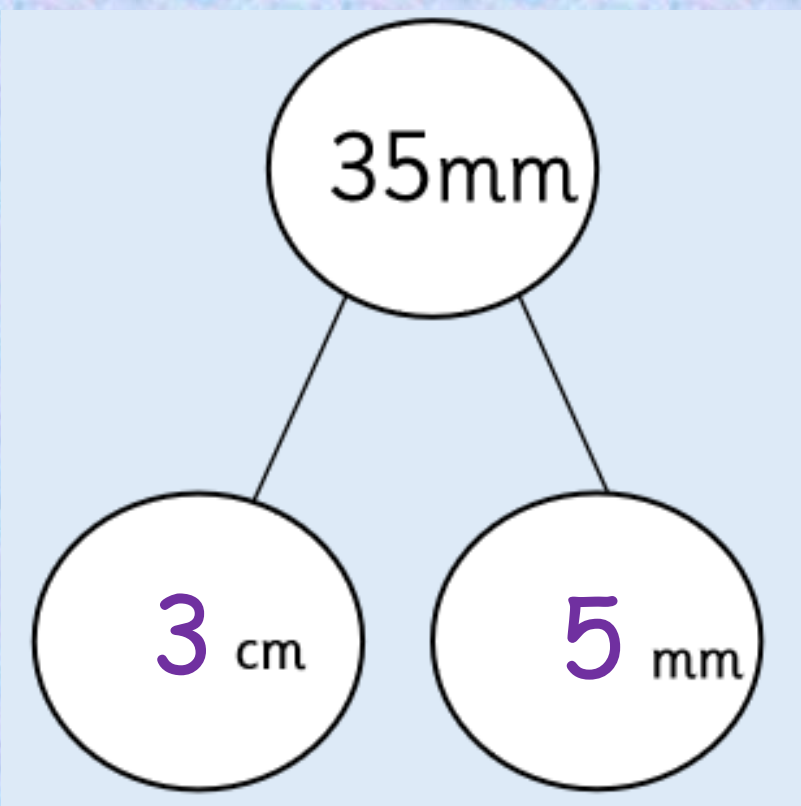
Talk to the person next to you.



Remember
10mm =
1cm

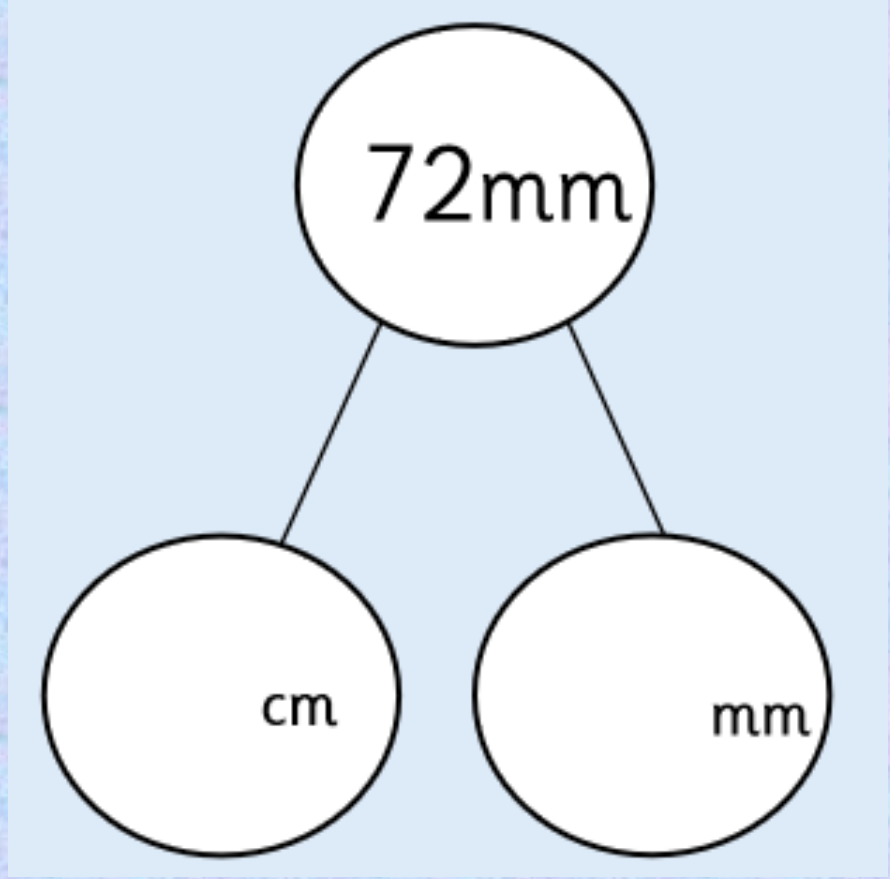
How would we partition mm into cm?

Talk to the person next to you.



Remember
10mm =
1cm

Try this out on your whiteboards:



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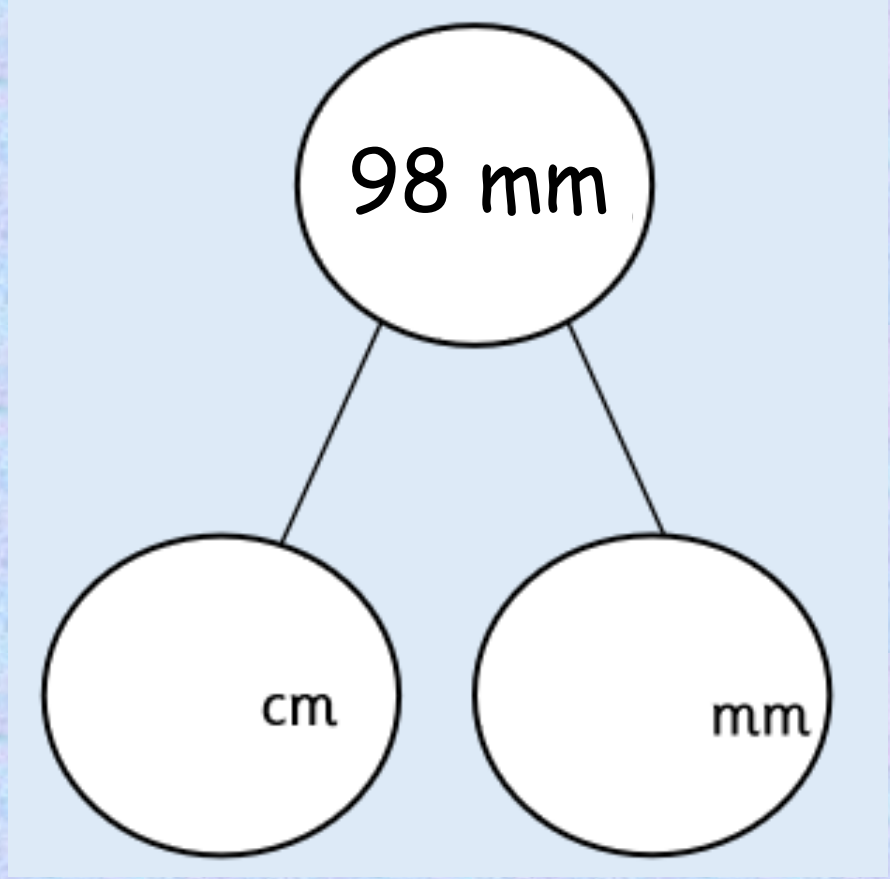


Task time!

Remember:
10mm = 1cm
1m = 100cm

Mary has measured a fork, a book and a crayon.

Fork	7cm
Book	75mm
Crayon	65mm

Put the three objects in order from longest to shortest.

There are ☐ mm in a cm

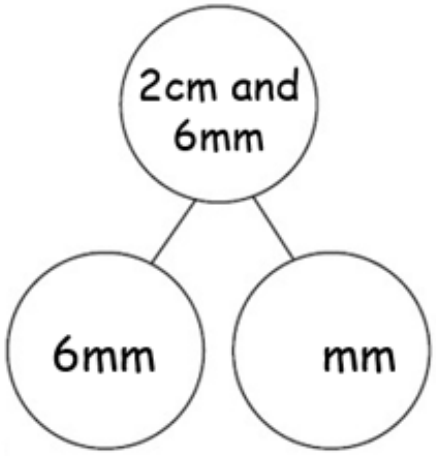
There are ☐ mm in 8cm

There are 90mm in ☐ cm

There are 60mm in ☐ cm

1) Draw a line 8cm long. How many mm is this?

2) Now draw a line 20mm shorter than this and label it.



And a challenge and super challenge at the front of the classroom!

Before moving on to the challenge:

210mm	2cm
9mm	9cm
46cm	4cm 6mm
100mm	1cm
75mm	7cm
1cm	100mm
26cm	2cm 6mm

Use < > or = to answer these statements

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