

Class 3 Home Learning, week beginning 27th April 2020

Maths - Year 4

Lesson 4

Tenths on a number line

Please watch the video before starting the work.

I have not included every question you will see in the answers (that can be accessed via the White Rose Maths website).

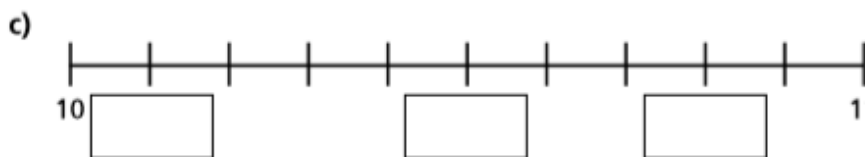
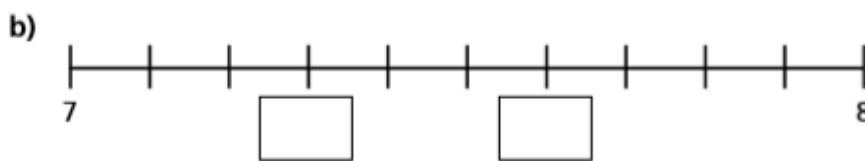
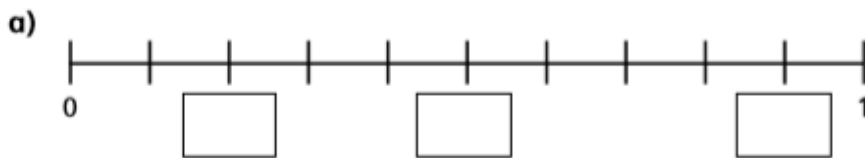
Why not have a go at the reasoning and problem solving?

w/b 27.4.20 Class 3's Home Learning, Maths (Y4)

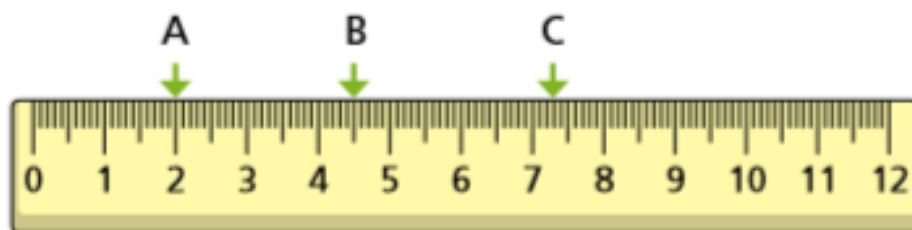
Can I read and represent tenths on a number line?

These pages do not need to be printed out. Please write the short date you do the work and the above question in your maths book, underlining them with a ruler. Remember to write the question number too!

1) Draw each number line in your maths book. Fill in the decimal numbers.



2) In your maths book, copy and complete each sentence about points A, B and C.



Point A is cm along the ruler.

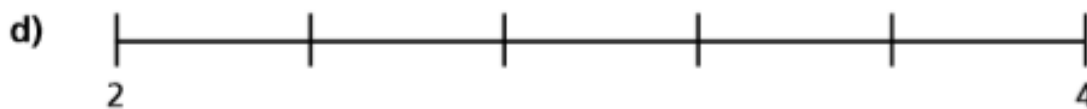
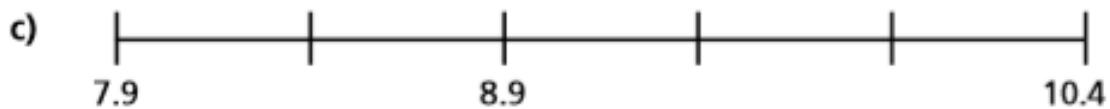
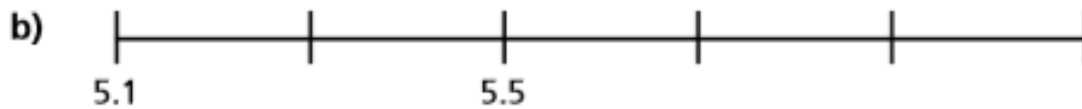
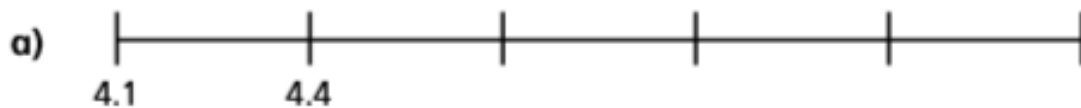
Point B is cm and mm along the ruler.

As a decimal it is cm.

Point C is cm and mm along the ruler.

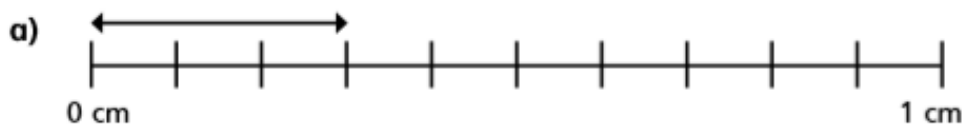
As a decimal it is cm.

3) Copy and complete the number lines.

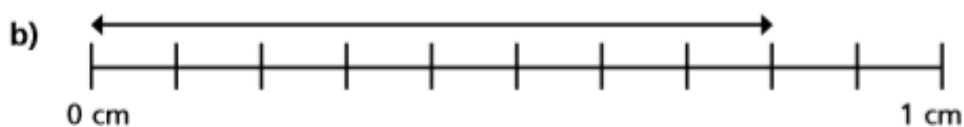


4) Copy and complete each sentence.

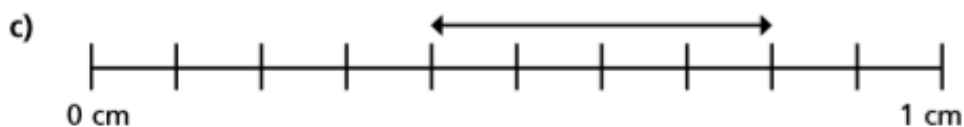
How long is each line?



The line is cm long.



The line is cm long.



The line is cm long.

How would your answers have been different if given in millimetres?

5) Draw *each* number line in your maths book.

Draw arrows to *estimate* the position of *each* number on the number line.

a)

0.8

0.1

0.5

0.3



b)

4.9

3.1

4.5

3.6

4.0

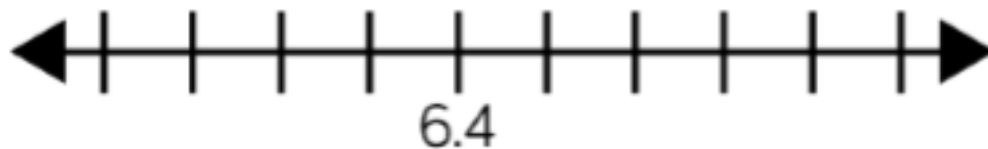


Can I read and represent tenths on a number line?

Reasoning and problem solving

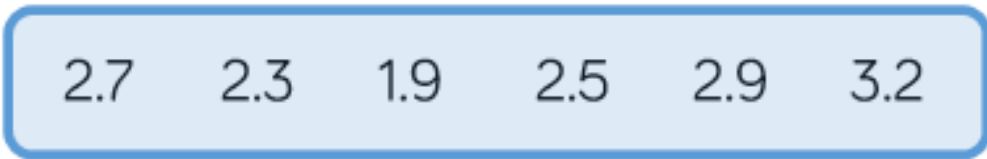
Please write the short date you do the work and the above question in your maths book, underlining them with a ruler. Remember to write the question number too.

- 1) What could the start and end numbers on the number line be?



Explain your reasons.

- 2) Place the decimals on the number line.



Which order did you place your numbers on the number line?

Tenths on a Number Line

Reasoning and Problem Solving

What could the start and end numbers on the number line be?



Explain your reasons.

The start and end numbers could be 6 and 6.9 respectively, or 5.6 and 7.4

Children can find different start and end numbers by adjusting the increments that the number line is going up in.

Place the decimals on the number line.



2.7 2.3 1.9 2.5 2.9 3.2

Which order did you place your numbers on the number line?

Some children will draw on 20 intervals first. This method will allow them to identify where the numbers are placed but can be considered inefficient. Encourage children to think about the numbers first and consider which numbers are easiest to place e.g. 2.5 is probably easiest, followed by 1.9 or 2.9 etc.