

Class 3 Home Learning, week beginning 27th April 2020

# Maths - Year 3

## Lesson 4

### Count in tenths

Please watch the video before choosing your challenge.

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

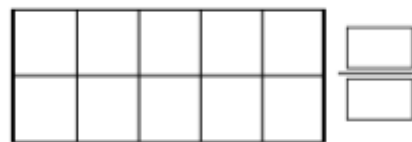
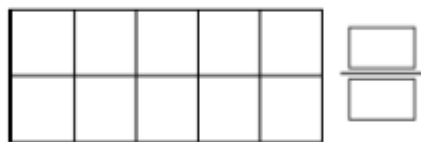
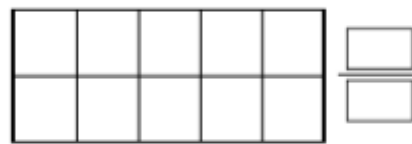
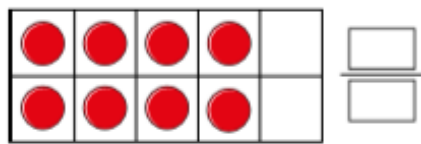
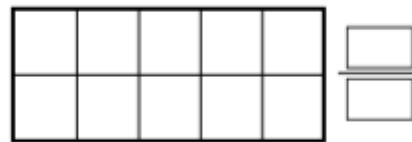
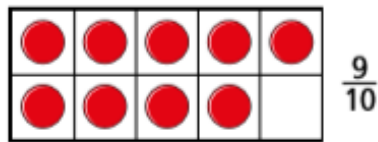
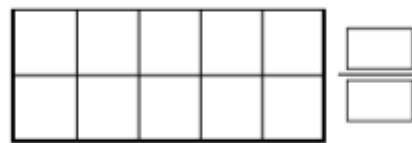
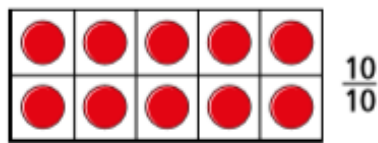
Can I count in tenths?

### Challenge 1

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!

Questions 1-4 mentioned in the video are questions 1-4 in Challenge 1.

1) Draw the tens frames in your maths book and continue the sequence.

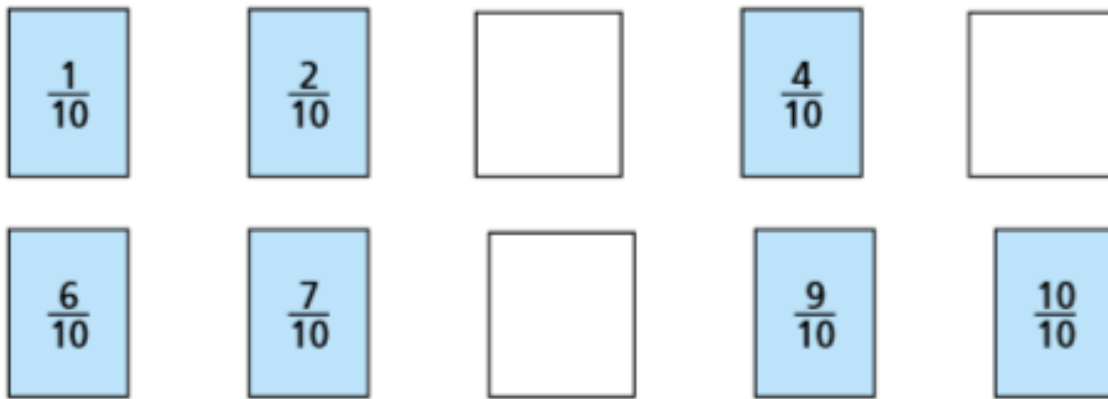


2) Draw and continue the sequence.

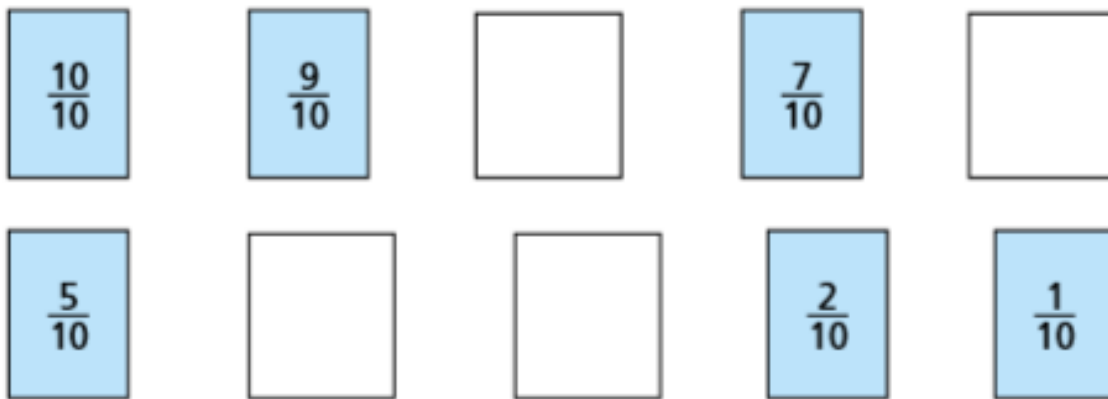


3) Write the sequences in your maths book and fill in the blanks.

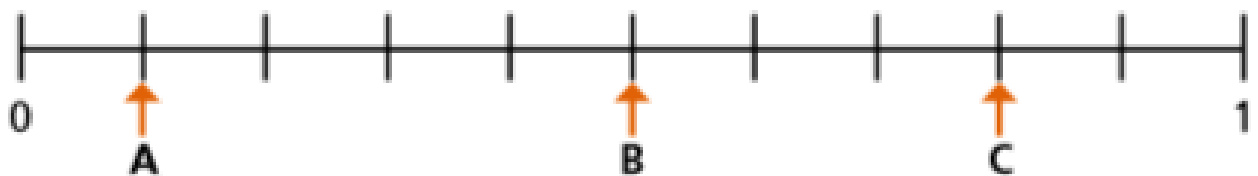
a)



b)



4) What fraction is each arrow pointing to?



A =  B =  C =

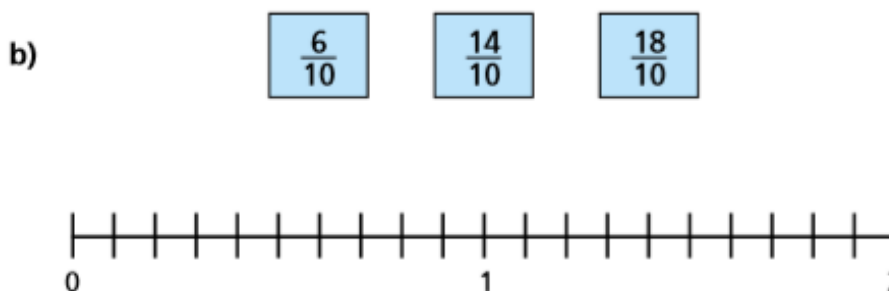
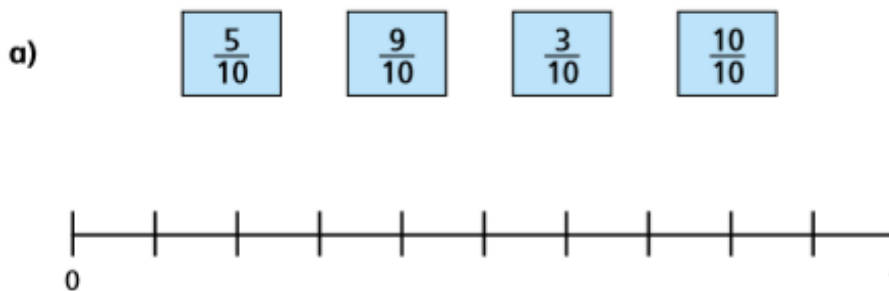
Can I count in tenths?

Challenge 2

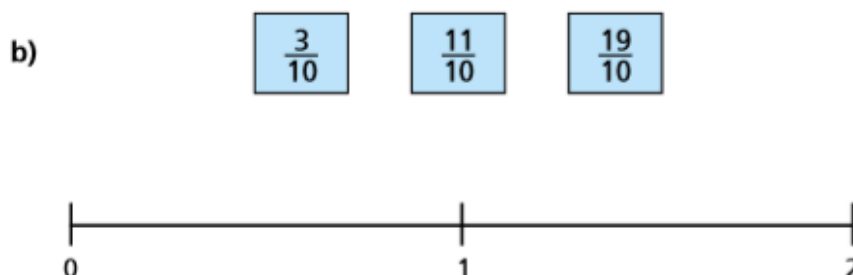
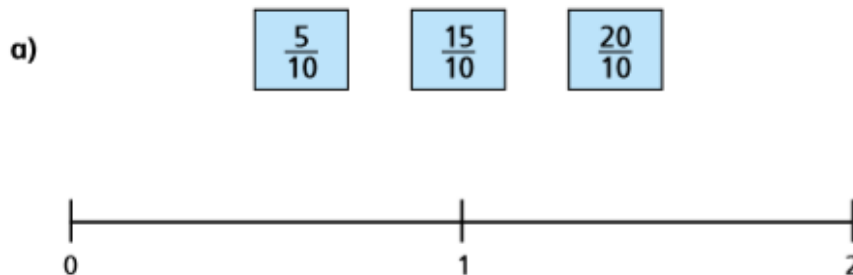
These pages do not need to be printed out. Please write the short date you do the work and the above question in your maths book, underlining them with a ruler. Remember to write the question number too!

Questions 1-4 mentioned in the video are the questions in Challenge 1.

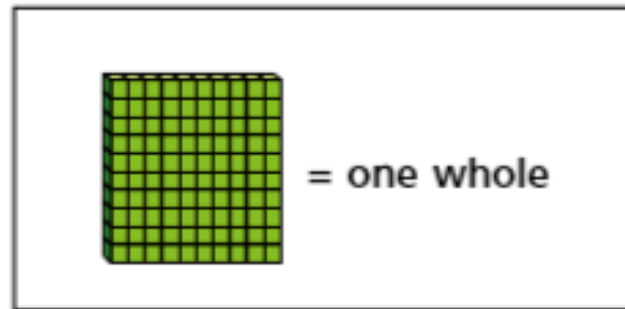
1) Draw the number lines in your maths book. Write the fractions in the correct places.



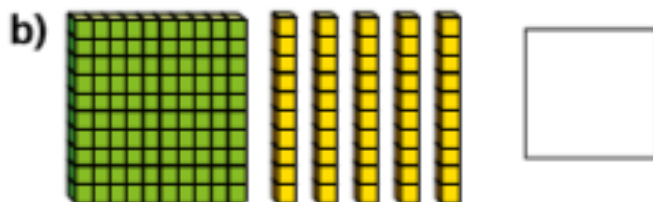
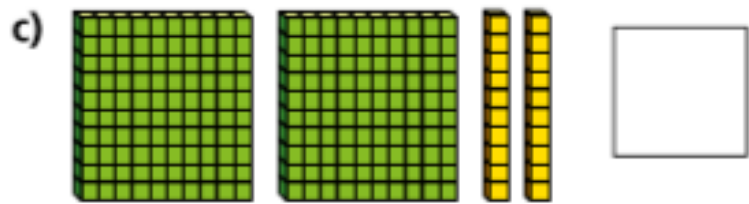
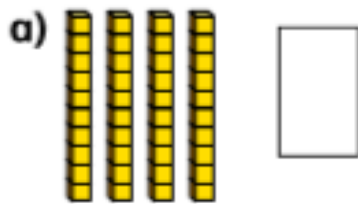
2) Draw the number lines in your maths book. Draw arrows to estimate the position of the fractions.



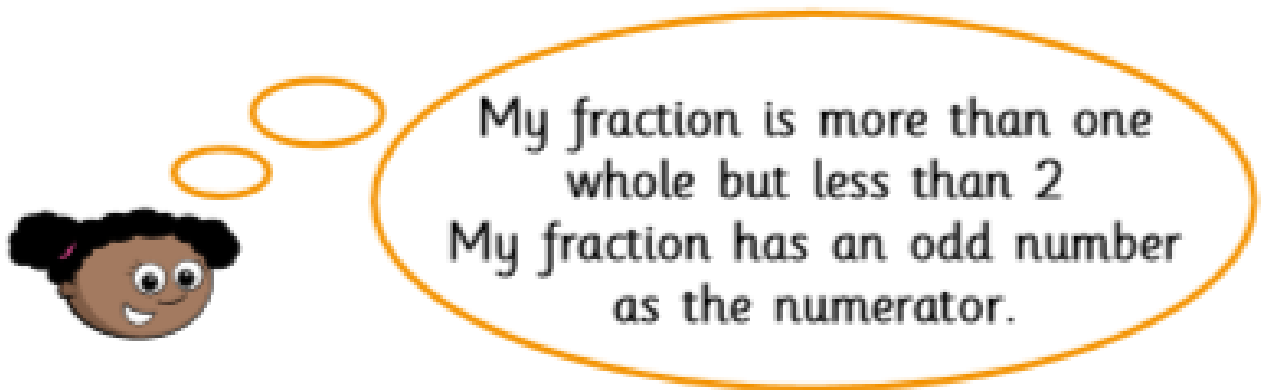
3)



What number is represented in each picture?



4) Whitney is thinking of a fraction.



What could Whitney's fraction be?

List all the possible fractions.

Can I count in tenths?

### 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) Remember to explain in writing and/or with pictures to explain how you know.

Teddy is counting in tenths.



Seven tenths, eight tenths, nine tenths, ten tenths, one eleventh, two elevenths, three elevenths...

Can you spot his mistake?

2) Remember to explain in writing and/or with pictures to explain how you know.

### True or False?

Five tenths is  $\frac{2}{10}$  smaller than 7 tenths.

Five tenths is  $\frac{2}{10}$  larger than three tenths.

Do you agree?

Explain why.

# Count in Tenths

## Reasoning and Problem Solving

Teddy is counting in tenths.



Seven tenths, eight tenths, nine tenths, ten tenths, one eleventh, two elevenths, three elevenths...

Can you spot his mistake?

Teddy thinks that after ten tenths you start counting in elevenths. He does not realise that ten tenths is the whole, and so the next number in the sequence after ten tenths is eleven tenths or one and one tenth.

### True or False?

Five tenths is  $\frac{2}{10}$  smaller than 7 tenths.

Five tenths is  $\frac{2}{10}$  larger than three tenths.

Do you agree?

Explain why.

This is correct. Children could show it using pictures, ten frames, number lines etc.

For example:

