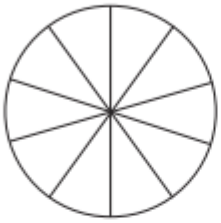
Maths B

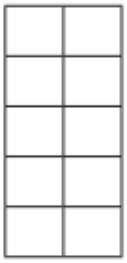
Day 1: Can I recognise tenths?

Colour in each shape to match one of the following fractions:

$\frac{1}{10}$	$\frac{2}{10}$	$\frac{3}{10}$	$\frac{4}{10}$	$\frac{5}{10}$	$\frac{6}{10}$	$\frac{7}{10}$	$\frac{8}{10}$	$\frac{9}{10}$	$\frac{10}{10}$

1. 

2. 

3. 

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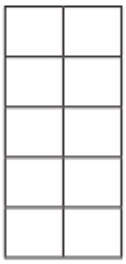
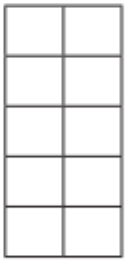
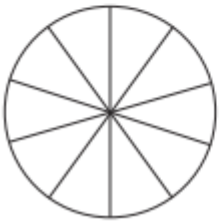
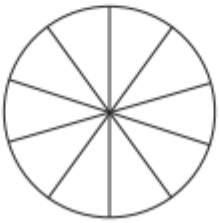
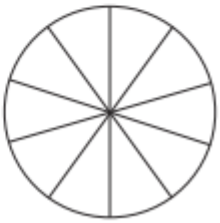
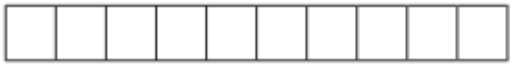
5. 

6. 

7. 

8. 

10. 

9. 

Day 2:

Hundredths and tenths

- Count up and down in hundredths
- Recognise that hundredths arise when dividing by 100 and dividing tenths by 10

Challenge 1 Write the missing hundredths.

a $\frac{13}{100}$, $\frac{14}{100}$, ____, $\frac{16}{100}$, ____, ____, $\frac{19}{100}$, ____, $\frac{21}{100}$, ____

b $\frac{27}{100}$, ____, $\frac{29}{100}$, ____, ____, $\frac{32}{100}$, ____, ____, $\frac{35}{100}$, ____

c $\frac{62}{100}$, ____, ____, ____, $\frac{66}{100}$, ____, ____, ____, $\frac{70}{100}$, ____

d ____, $\frac{50}{100}$, ____, ____, ____, $\frac{54}{100}$, ____, ____, ____, $\frac{58}{100}$

Challenge 2

1 Count on in hundredths 10 times from these fractions.

a $\frac{25}{100}$ b $\frac{38}{100}$ c $\frac{50}{100}$ d $\frac{67}{100}$ e $\frac{80}{100}$ f $\frac{86}{100}$ g $\frac{90}{100}$

2 Count back in hundredths 10 times from these fractions.

a $\frac{60}{100}$ b $\frac{81}{100}$ c $\frac{32}{100}$ d $\frac{99}{100}$ e $\frac{55}{100}$ f $\frac{73}{100}$ g $\frac{62}{100}$

3 For each 100 grid, write the fraction that is shaded blue.

a  b  c  d  e 

Day 3:

Counting in Hundredths

1 Write as a fraction:

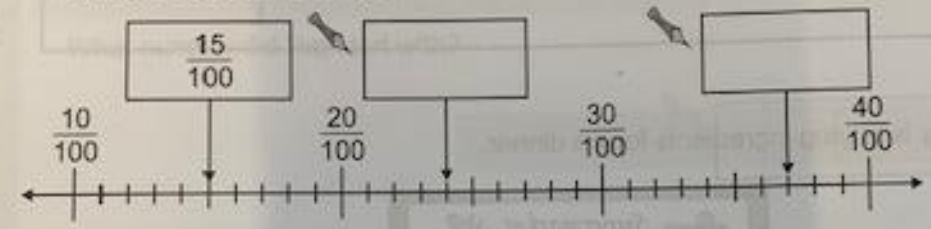
five hundredths = $\frac{\square}{\square}$

eighty hundredths = $\frac{\square}{\square}$

2 marks

2 Look at this number line. Write the missing fractions in the boxes.

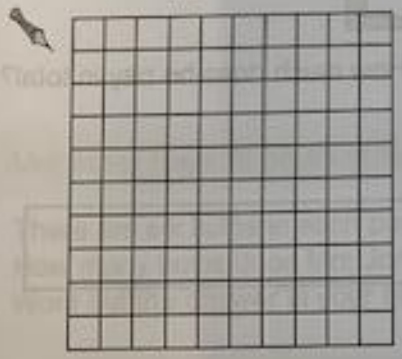
One has been done for you.



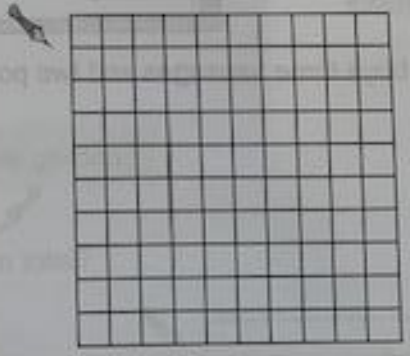
1 mark

3 These shapes are divided into 100 equal parts.

Shade $\frac{14}{100}$ of this shape.



Shade $\frac{1}{10}$ of this shape.



2 marks

4 Write $\frac{2}{10}$ in hundredths.

$\frac{\square}{\square}$

1 mark

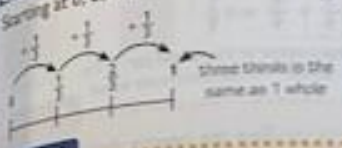
Day 4:

Counting in Fractions

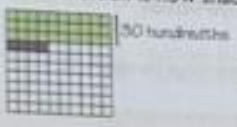
You'll count in hundredths quite a bit in Year 4, as well as other simple fractions. Hundredths come from dividing a shape into one hundred equal parts or dividing a shape with ten equal parts (tenths) by ten again.

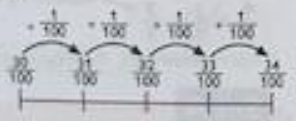
Examples

Starting at 0, count forward 3 steps of $\frac{1}{3}$.



Shade four hundredths more on the grid below. What fraction is now shaded?





Set A

Write as a fraction:

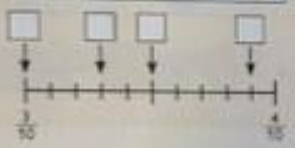
1. seventeen hundredths
2. forty-one hundredths

Starting at 0, count forward:

3. 3 steps of $\frac{1}{6}$
4. 6 steps of $\frac{1}{10}$
5. 7 steps of $\frac{1}{12}$

6. Label a copy of the number line below using the fractions in the box:

$\frac{33}{100}$ $\frac{35}{100}$ $\frac{39}{100}$ $\frac{30}{100}$



This shape is divided into 100 equal parts. One more hundredth is shaded in.

Copy and complete the statements below:

7. "☐ hundredths of the shape is now shaded."
8. "☐ tenths of the shape is now shaded."

Set B

Starting at $\frac{43}{100}$, count:

1. forward 3 hundredths
2. back 4 hundredths

Starting at 1, count back:

3. 1 step of $\frac{1}{4}$
4. 3 steps of $\frac{1}{5}$
5. 8 steps of $\frac{1}{9}$

Starting at $\frac{19}{100}$, count back:

6. 8 hundredths
7. 12 hundredths

8. Identify the fractions on the number line below:

This shape is divided into 100 equal parts.

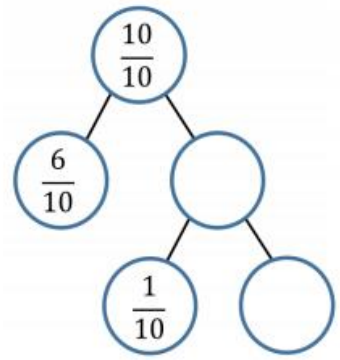
9. What fraction of the shape is shaded?

How many more squares would you need to shade so that:

10. $\frac{33}{100}$ of the shape is shaded?
11. $\frac{41}{100}$ of the shape is shaded?

Day 5:

Fill in the missing values.
Explain how you got your answers.



True or False?

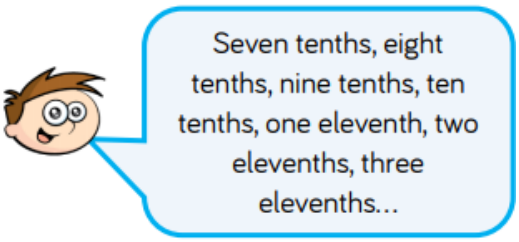
Five tenths is $\frac{2}{10}$ smaller than 7 tenths.

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

Do you agree?

Explain why.

Teddy is counting in tenths.



Can you spot his mistake?

Odd One Out

Which is the odd one out?
Explain your answer.