Maths - Year 4

Lesson 1

Recognise tenths and hundredths

Please watch the video before choosing your challenge.

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

(This work may feel familiar as we started looking at this in class together on Tuesdays when the year 3s were swimming.)

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

Can I recognise tenths and hundredths? 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!

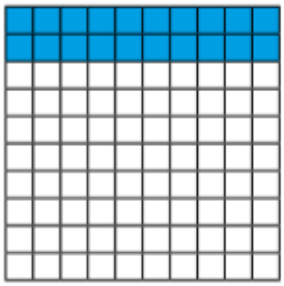
Questions 1-5 mentioned in the video are questions 1-5 in Challenge 1.

1)

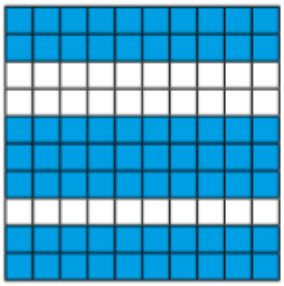
The hundred square represents 1 whole.

What fraction of each hundred square is shaded?

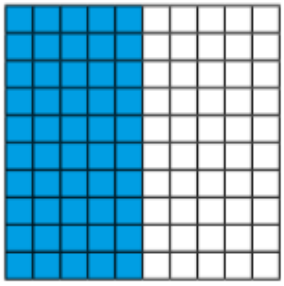
a)



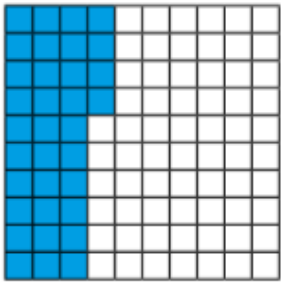
c)



b)

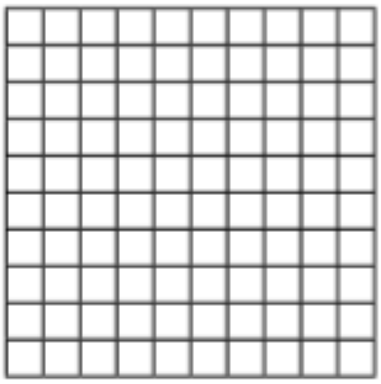


d)



2) Please write the sentences in full in your maths book.

Here is a hundred square.



What fraction of the whole does each represent?

a) 4 full rows =

b) 6 full columns =

c) 13 squares =

d) 2 full rows and 5 squares =

e) 3 full columns and 8 squares =

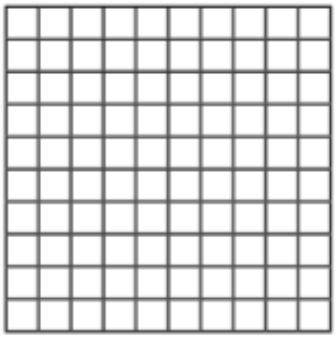
3) Copy and complete these sentences in your maths book.

a) 4 tenths is equivalent to ☐ hundredths.

b) 70 hundredths is equivalent to ☐ tenths.

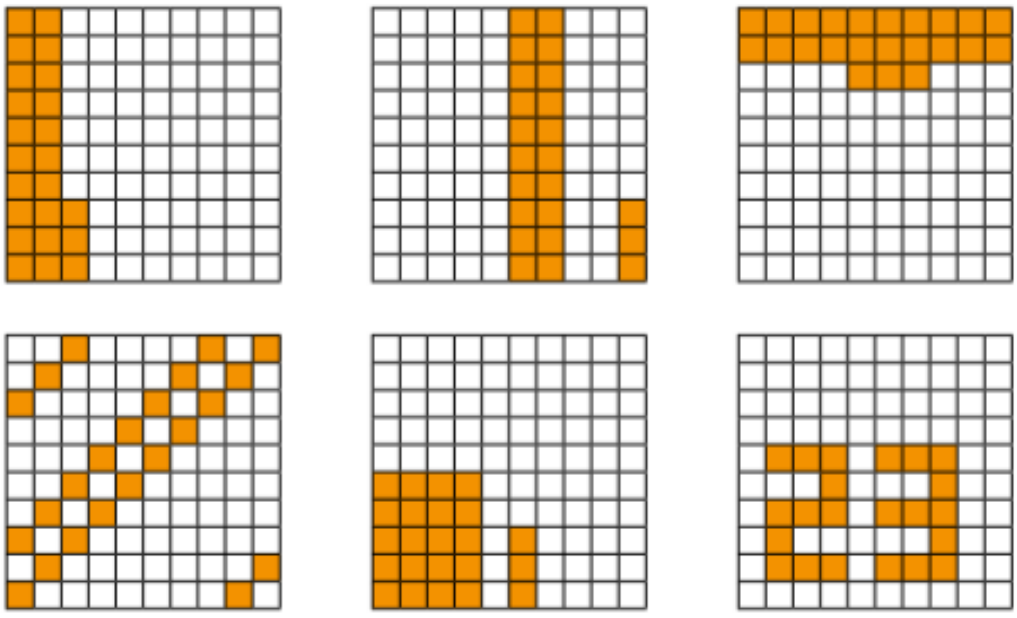
c) 5 tenths is equivalent to ☐ hundredths or 1 _____

4) Please explain in writing how you know.



Is Dexter correct? _____

5) Have a chat with an adult about which ones show 23/100 shaded.



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Can I recognise tenths and hundredths?

Challenge 2

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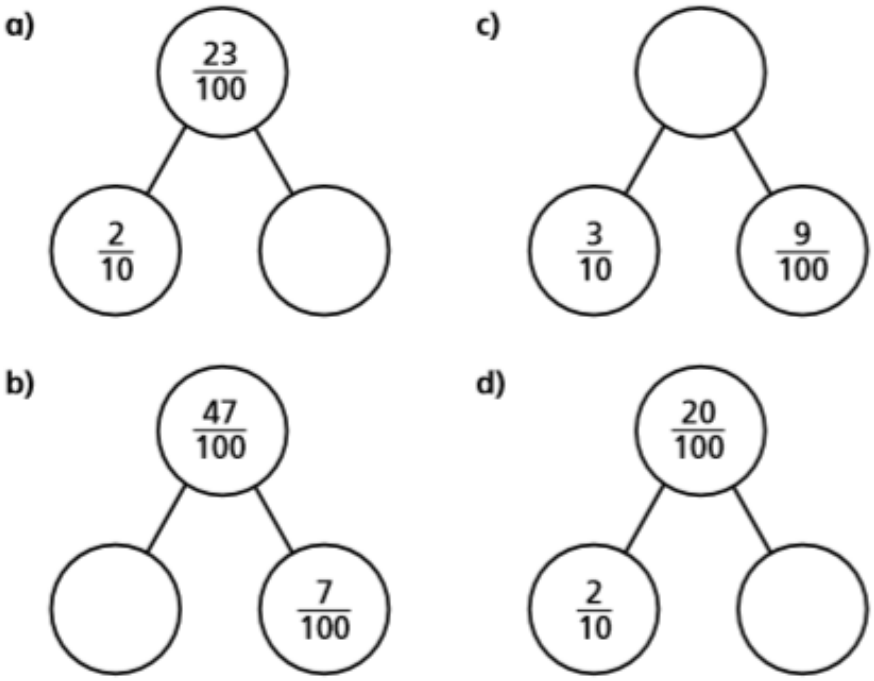
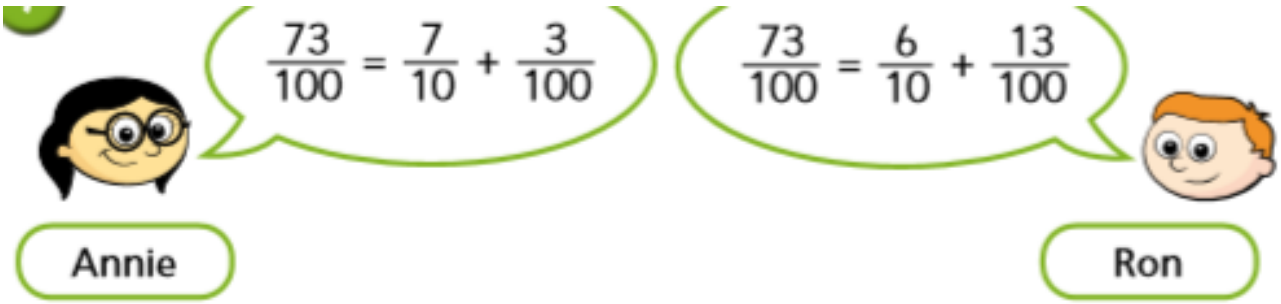
Questions 1-5 mentioned in the video are questions 1-5 in Challenge 1.

1) Copy and complete the part-whole models.



2) Who is correct? How do you know?

How many different ways can you partition 73/100?



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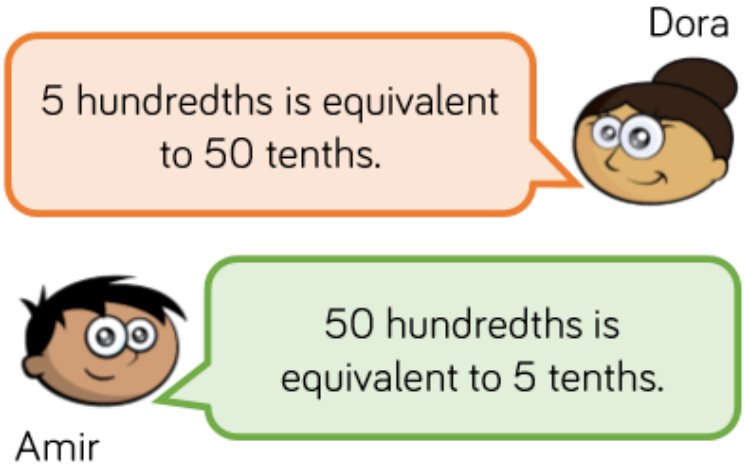
Can I recognise tenths and hundredths?

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.

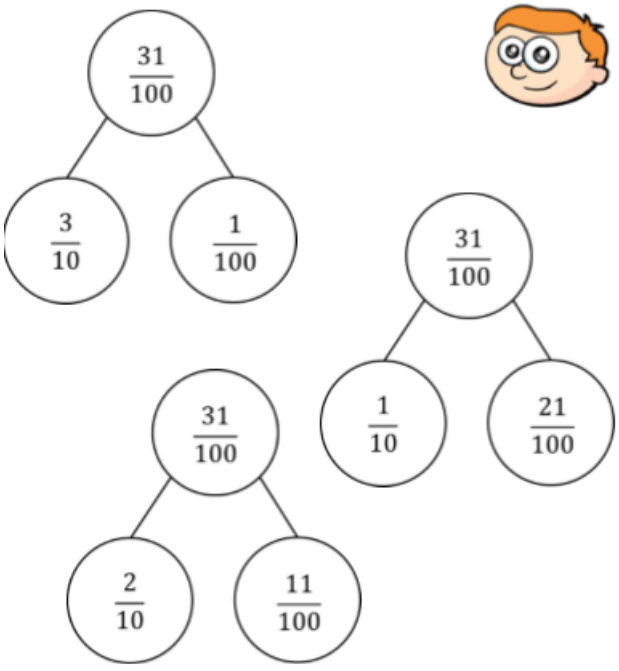
1) Remember to use words and/or pictures to explain why.

Who is correct?



2)

Ron says he can partition tenths and hundredths in more than one way.



Use Ron's method to partition 42 hundredths in more than one way.

Answers are on the next page...

Tenths and Hundredths

Reasoning and Problem Solving

Who is correct?

Dora

5 hundredths is equivalent to 50 tenths.

50 hundredths is equivalent to 5 tenths.

Amir

Explain why.

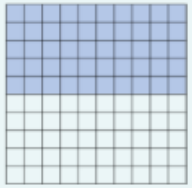
Amir is correct.

$\frac{50}{100}$ is equivalent to $\frac{5}{10}$

This can be demonstrated with Base 10 or a hundred square.

50 squares is $\frac{50}{100}$

5 rows is $\frac{5}{10}$



Ron says he can partition tenths and hundredths in more than one way.

Use Ron's method to partition 42 hundredths in more than one way.

Children may partition 42 hundredths as:

- 4 tenths and 2 hundredths
- 3 tenths and 12 hundredths
- 2 tenths and 22 hundredths
- 1 tenth and 32 hundredths
- 0 tenths and 42 hundredths

Other methods of partitioning are possible.