

Monday 15th June - Friday 19th June

Monday

Daily warm up - 5 calculations from Arithmetic Exercise 10

Hundredths as Decimals

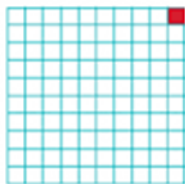
Mathematical Talk

Revision:

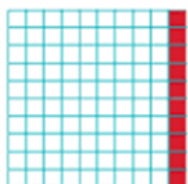
What is the relationship between $\frac{1}{10}$ and 0.1? One is a fraction and the other is a decimal.

Hundredths

One hundredth is one whole split into how many equal parts?



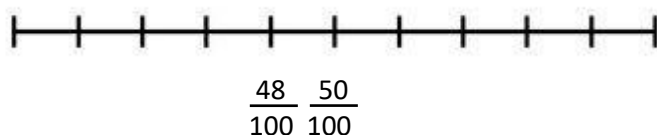
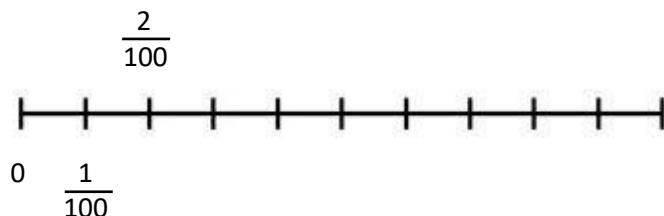
How many hundredths can I exchange one tenth for?



How many hundredths are equivalent to 3 tenths?

Activity

Complete the number lines.



Create a few number lines of your own.

Tuesday

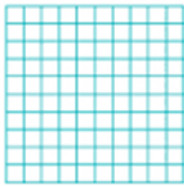
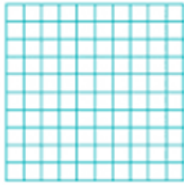
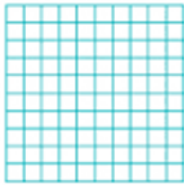
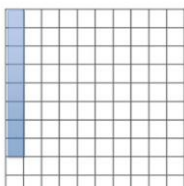
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Mathematical Talk

What is the same and what is different about a number written as a fraction and a number written as a decimal?

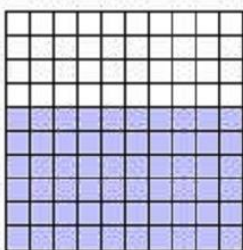
Activity

Complete the table (I have included some hundred squares on a separate document so that you do not have to draw them in the image column).

Image	Words	Fraction	Decimal
	43 hundredths		
		$\frac{19}{100}$	
			0.3
			

Reasoning and Problem Solving

Alex and Eva have been asked to write the decimal shaded on the 100 grid.



Alex says the grid shows 0.60

Eva says the grid shows 0.6

Who do you agree with?

Explain your answer.

Wednesday

Daily warm up - 5 calculations from Arithmetic Exercise 10

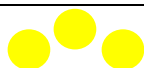
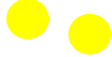
Mathematical Talk

What is a hundredth?

How many hundredths are equivalent to one tenth?

Activity

Look at the decimals represented in the place value grid below. Can you see what happens when there are not counters in a column?

Hundreds	Tens	Ones (Units)	•	Tenths	Hundredths
			•		
		1	•	2	3
			•		
		2	•	0	1

Make these decimals on a place value grid.

0.34 2.15 0.04 2.01

Thursday

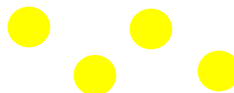
Daily warm up - 5 calculations from Arithmetic Exercise 10

Activity

Use four counters and a place value grid.

Place all four counters in either the ones, tenths or hundredths column.

Ones (Units)	•	Tenths	Hundredths
	•		
	•		
	•		



How many different numbers can you make?

Describe the numbers you have made by completing the sentences.

There are ___ ones, ___ tenths and ___ hundredths.

___ ones, ___ tenths and ___ hundredths =

Friday

Daily warm up - 5 calculations from Arithmetic Exercise 10

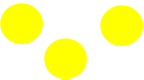
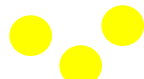
Activity

Dividing a 1-digit number by 100

Remember to divide a number by 10, we move the digit one column to the right.

To divide a number by 100, we move the digit two columns to the right.

$$3 \div 100 = 0.03$$

Hundreds	Tens	Ones (Units)	•	Tenths	Hundredths
			•		
		3			
			•		
		0	•	0	3

Do some examples of your own.

When you are confident dividing a 1-digit number by 100, try dividing a 2-digit number by 100.

Hundreds	Tens	Ones (Units)	•	Tenths	Hundredths
	6	7	•		
		0	•	6	7

Greater Than or Less Than?

<https://nrich.maths.org/10587>

5.□□ □ 5.□□

Use the symbols and numbers below to make the above number sentence correct.

< > 1 1 2 3

For example:

5.31 > 5.21

How many different sentences can you make?

How will you know when you have found them all?