Monday 8th June - Friday 12th June

Monday

Daily warm up - 5 calculations from Arithmetic Exercise 9

Tenths as Decimals (this is revision)

Mathematical Talk

What is the relationship between $\frac{1}{10}$ and 0.1?

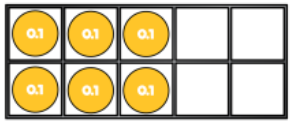
Hopefully, you have remembered that one is a fraction and the other is a decimal.

Activity

Draw a 5 x 2 rectangle to represent one whole (divided into ten equal parts).

What is each part worth as a decimal?

Colour in two tenths.

Image	Words	Fraction	Decimal
			
	five tenths		
			0.9
		$\frac{3}{10}$	

Draw the table above in your book and fill in the missing boxes.

Tuesday

Daily warm up - 5 calculations from Arithmetic Exercise 9

Activity

Representing tenths on a place value grid

Hundreds	Tens	Ones (Units)	•	Tenths
		4	•	3
		5	•	2

Complete the sentence:

There are __ ones and __ tenths

= 4 ones + 3 tenths

= 4 + 0.3

= 4.3

Do some of your own beginning with 5.2.

Reasoning and Problem Solving

Use five counters and a place value grid. Place all five counters in either the ones or the tenths column.

How many different numbers can you make?

Ones (Units)	•	Tenths

If you would like me to know about your mathematical thinking…you could try using the Blank Email Template in 2Publish Plus in English - leave your email in the 2022 folder for me to read.

Wednesday

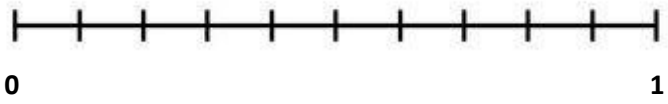
Daily warm up - 5 calculations from Arithmetic Exercise 9

Activity

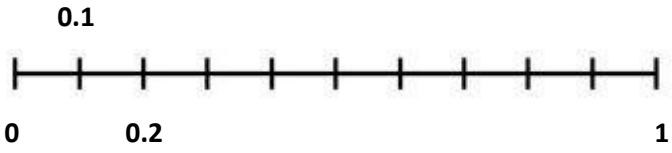
Read and represent tenths on a number line.

Mathematical Talk

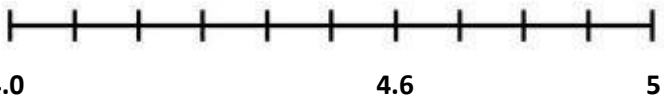
How many equal parts are between 0 and 1?
What are the intervals between each number?
How many tenths are in one whole?



Fill in the missing numbers on the number line (you may find it easier to put alternate numbers above and below the line).

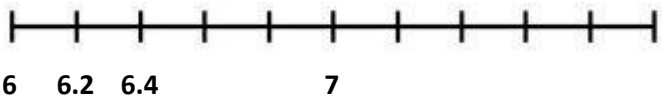


The interval = 0.1
Complete the number lines
1.



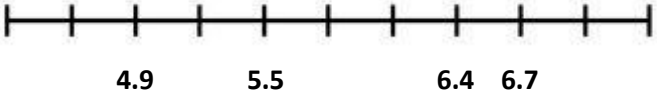
The interval =

2.



The interval =

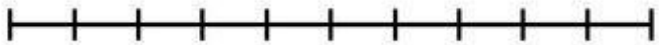
3.



The interval =

Create some number lines of your own. Choose different start numbers and different intervals.

Problem Solving and Reasoning
Look at the number line below. What could the start and end numbers on the number line be?



3.4

Explain your thinking in your book.

Thursday
Daily warm up - 5 calculations from Arithmetic Exercise 9

Activity
Divide 1-digit by 10
When we divide by 10, the number is being split into 10 equal parts and is 10 times smaller.

Hundreds	Tens	Ones (Units)	●	Tenths
		2	●	
		0	●	2

2 ÷ 10 = 0.2
To divide a number by 10, we move the digit one column to the right.

Hundreds	Tens	Ones (Units)	●	Tenths
		3	●	
		8	●	
		5	●	
		9	●	
		2	●	

Divide the numbers from the table above by 10 - write out each calculation in full.
1. 3 ÷ 10 =
2. 8 ÷ 10

Friday
Daily warm up - 5 calculations from Arithmetic Exercise 9

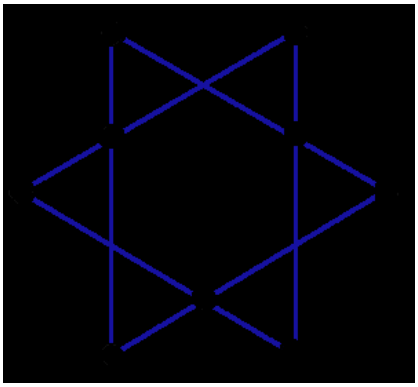
Activity
Divide 2-digits by 10
Remember to divide a number by 10, we move the digit one column to the right.

Hundreds	Tens	Ones (Units)	●	Tenths
	4	2	●	
		4	●	2

42 ÷ 10 = 4.2
Do five calculations of your own.

Game
https://nrich.maths.org/5664
This is a game for two players.
You need a one star game board and a set of four counters each.
To win, a player must place three of his/her own counters in a straight line.

To begin, each player takes turns to place one counter on an empty black spot.
Then, if no one has yet made a line of three, play continues by tacking turns to pick one counter and move it to an empty black spot.



What moves will increase your chance of winning?
Does it matter who goes first?
Is it possible to play an 'endless' game?