11.1.21

Arithmetic

1. 227÷3
2. 1434÷4
3. 678÷5
4. 21x19
5. 27x12
6. 8x29

FB4

Flashback 4 — Year 6 | Week 1 | Day 3

1) What is 3.2 × 10?
2) Multiply 1.75 by 10
3) Work out $1\frac{1}{3} + 2\frac{5}{9}$
4) Calculate 1,765 kg + 218 kg

White Rose Maths

Barvember

BARVEMBER — Monday 19 November 2018 — White Rose Maths

1 There are 8 bees in a hive.
3 more bees enter the hive.
How many bees are now in the hive?

2 Asif has 3 boxes.

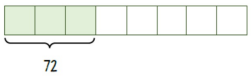
- Box A weighs twice as much as box B
- Box C weighs 12 kg more than box A
- The total weight of all 3 boxes is 77 kg.

How much does box C weigh?

Barvember

BARVEMBER — Monday 19 November 2018 — White Rose Maths

3 Nilesh has a card with a number on.
$\frac{3}{8}$ of the number is 72
What is $\frac{1}{2}$ of the number? ?



4 April and Barry were given an equal amount of money by their gran.

- April spends £48 of her money.
- Barry spends £16 of his money.
- Barry now has 3 times as much money as April left.

How much money did their gran give them each?

April
Barry

11.1.21 Multiply by 10,100 and 1,000

Vocabulary

- tenths
- hundredths
- thousandths
- place value
- column
- multiplication
- zero

11.1.21 Three Decimal places

Today we are learning to multiply decimal numbers by 10, 100 and 1,000.

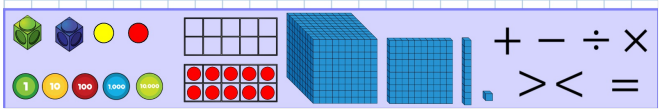
I will be successful if:

- I identify the tenths column
- I identify the hundredths column
- I identify the thousandths column
- I recognise 0 when it is used as a place holder.
- I recognise how many places the digits move to the left.

When multiplying by 10, 100 or 1,000, we need to think about the movement of the digits in a number.

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
		● ●			

What would happen if we multiplied by 10?

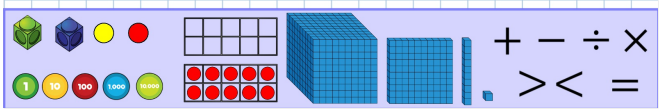


What would happen if we multiplied by 10?

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
		● ●			

x10 How many spaces to the left did the digits move?

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
	● ●				

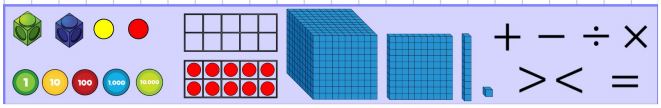


What would happen if we multiplied this by 10?

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
			●	●	●

x10

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
		●	●		

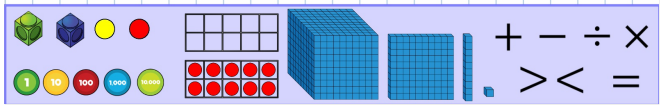


What would happen if we multiplied this by 100?

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
			●	●	●

x100

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
	●	●			



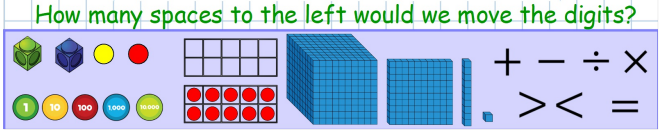
What would happen if we multiplied this by 1,000?

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
			●	●	●

What would happen if we multiplied by 1,000?

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
			●		

How many spaces to the left would we move the digits?



What if we are given a missing number in a calcualtion?

$12.5 \times ? = 125$

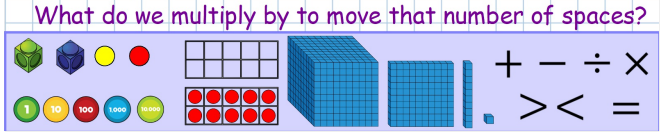
Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
		●	●	●	
		●	●		

12.5

125

How many spaces has it moved?

What do we multiply by to move that number of spaces?



11.1.21

Plenary