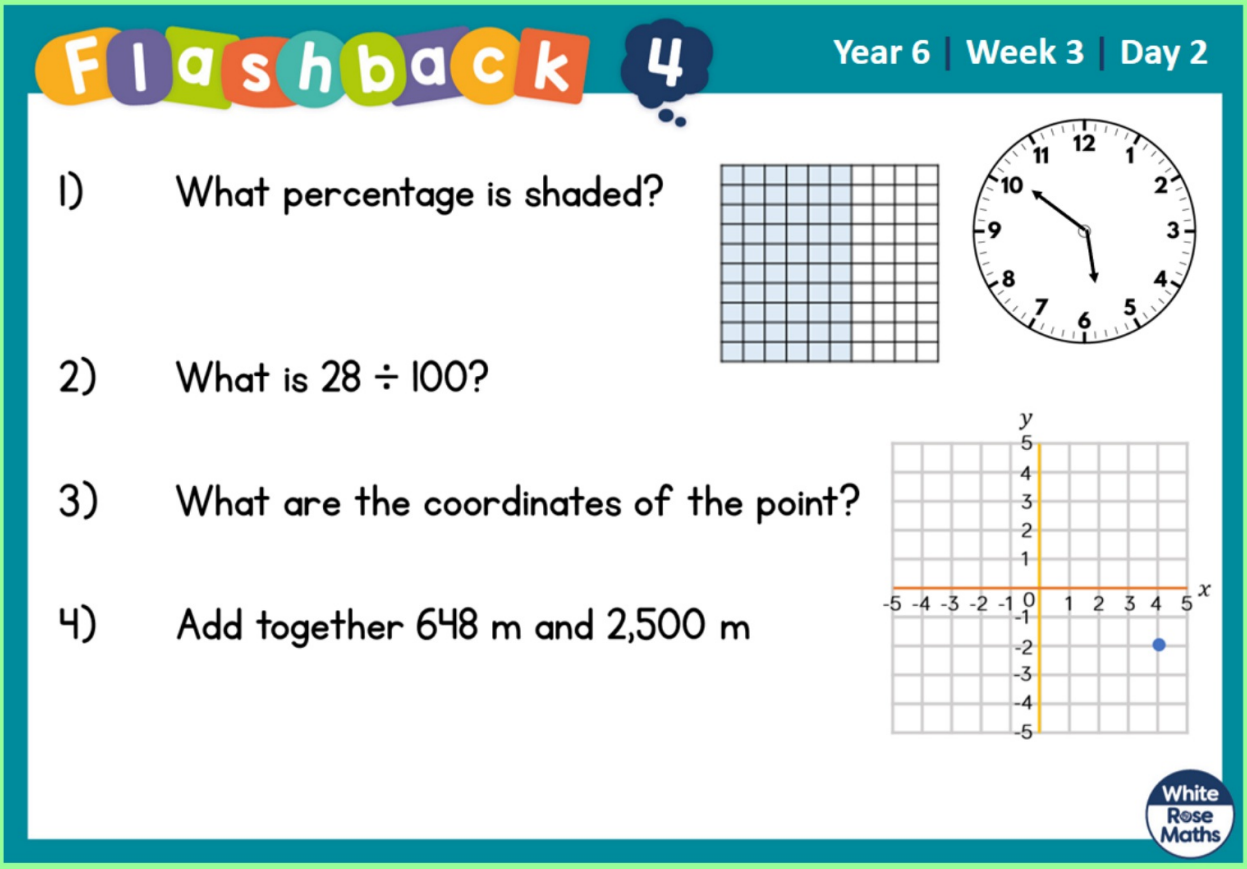
22.1.21

Place value starter

Identify the value of the underlined digit.

1. 4.025
2. 12,356
3. 1,278
4. 0.007
5. 12.213
6. 8.014

FB4



Barvember

BARVEMBER

Friday 30 November 2018

White Rose Maths

1 Jack has 20 stickers.

Sana has 4 stickers.

Jack gives Sana 6 stickers?

How many more stickers does Jack now have than Sana?

2 Lucy has some bottles.

There are 4 times as many clear bottles as green ones.

Lucy has 70 bottles in total.

How many more clear bottles than green bottles does Lucy have?

Barvember

BARVEMBER

Friday 30 November 2018

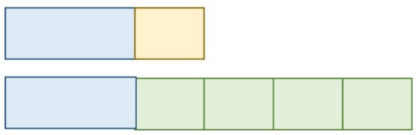
White Rose Maths

3 Ken and Bobby have a total of £570

Ken and Jill have a total of £1,200

Jill has 4 times as much money as Bobby.

How much money does Ken have?



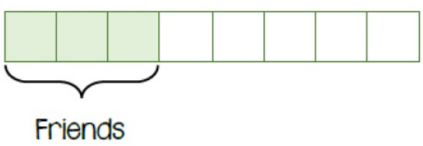
4 Dexter baked some cakes.

He gave $\frac{3}{8}$ of his cakes to his friends.

He gave $\frac{2}{5}$ of the remaining cakes to his family.

He had 24 cakes left.

How many cakes did Dexter bake at the start?



22.1.21 Three Decimal places

Today we are learning to practise our arithmetic skills and use these to solve problems.

I will be successful if:

- I use my written methods accurately.
- I identify what the question is asking.
- I check my calculations at each step of the problem.

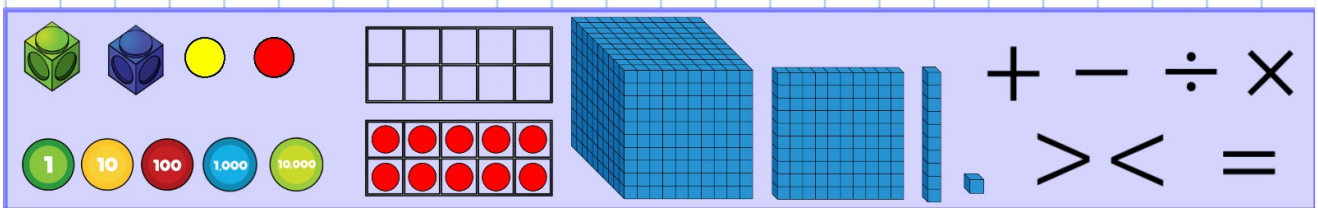
22.1.21 Aithmetic and problem solving

- Use the video or the slides to work your way through the winter problems.
- Bar models may help.
- Remember BIDMAS.

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?

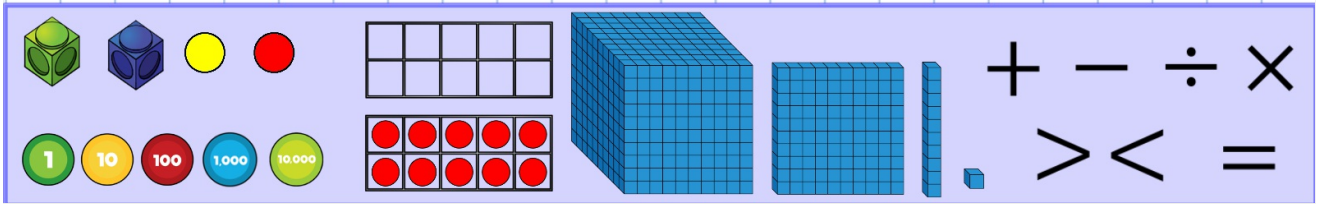


What would happen if we multiplied by 10?

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
		● ●			

×10 How many spaces to the left did the digits move?

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
	● ●				

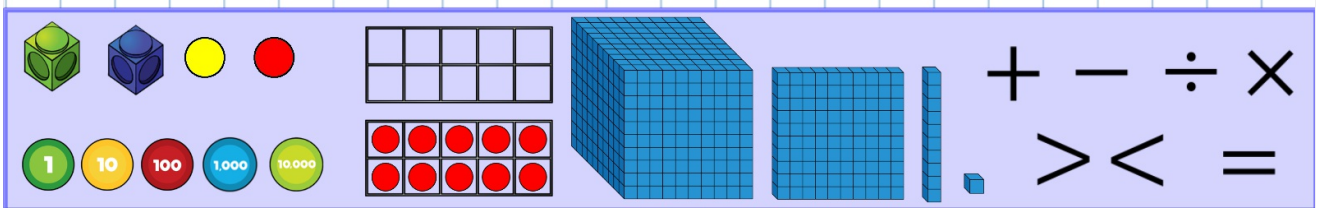


What would happen if we multiplied this by 10?

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
			●	● ●	

x10

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
		●	● ●		

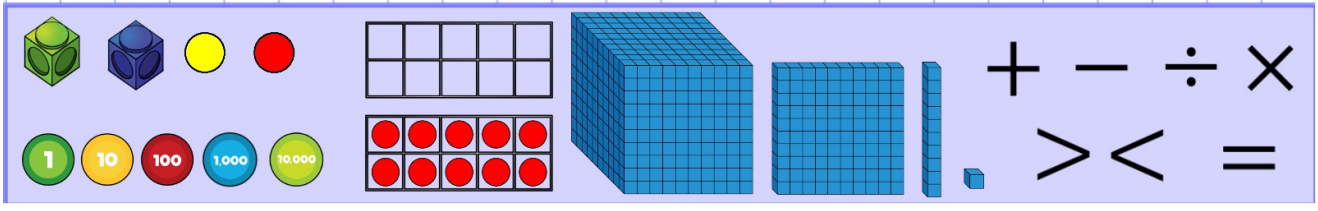


What would happen if we multiplied this by 100?

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
			●	● ●	

x100

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
	●	● ●			



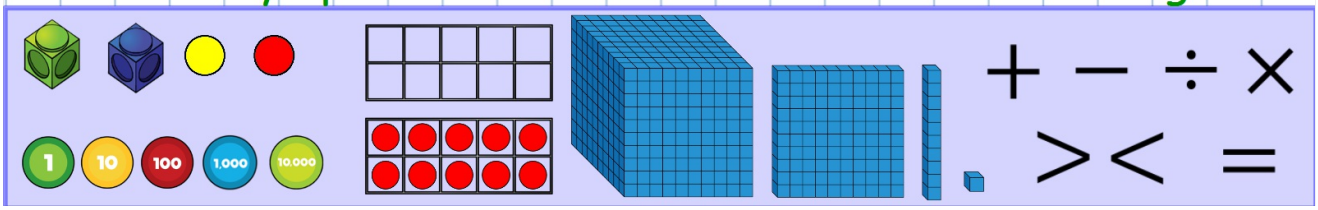
What would happen if we multiplied this by 1,000?

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?

$12.5 \times ? = 125$

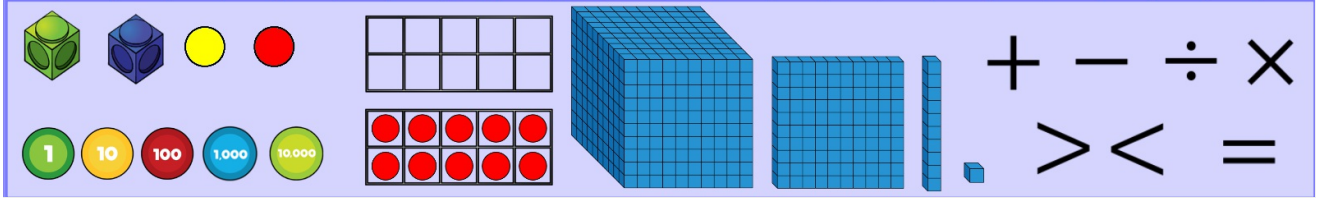
Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
			●		

12.5

125

How many spaces has it moved?

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



22.1.21

Plenary