27.1.21

Arithmetic

1. 6,210 + 291

2. 25 x 26

3. $2^3 + 4^2$

4. 892÷6

5. 396 - 27

6. $\frac{1}{5}$ of ? = 6

FB4

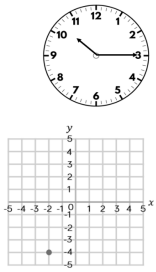
Flashback 4 — Year 6 | Week 3 | Day 5

1) Write 35% as a decimal.

2) What is 2.7 × 5?

3) What are the coordinates of the point?

4) What is 324 ÷ 4?



White Rose Maths

Problems of the Day

Problems of the Day 2020 — Day 3

1 Which of these numbers round to 2,000 to the nearest 100?

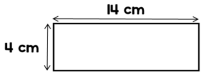
1,950 2,312 2,099 2,045

2 What are the missing numbers?

6.4 = 1 + ☐

$3\frac{2}{5}$ = 1 + $\frac{☐}{5}$

3 Annie has a 1 metre piece of wire. She cuts the wire into two pieces. She uses the smaller piece to make this rectangle.



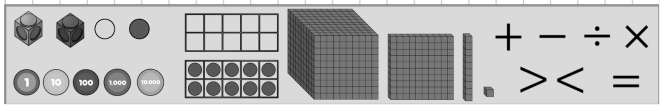
She uses the other piece of wire to make a square.

What is the length of one side of the square?

White Rose Maths

We will use our learning from yesterday.

If we can find equivalent fractions decimals or percentages, then we can compare them and then we can order them.



Remember 0.1 is not 1%

0.1 = 1 tenth (and there are ten tenths in 1 whole one). $= \frac{1}{10}$

$\frac{1}{10}$ = one part out of ten

To make it easier to compare we need to turn them all into either fractions decimals or percentages.

0.14 $\frac{12}{100}$ 16%

They are all different, but looking at them we have a few choices.
We will convert to % (but it could be fractions or decimals).

0.14	$\frac{12}{100}$	16%
0.14 = 14%	$\frac{12}{100}$ =12%	

so, smallest to greatest = $\frac{12}{100}$ 0.14 16%

0.9	16%	0.87
0.9 = 0.90	16% = 0.16	

We have two that are decimals, so I will convert the other into a decimal.

so, smallest to greatest = 16% 0.87 0.9

$\frac{3}{5}$ | 0.65 | $\frac{6}{20}$

We have two that are fractions, so I will convert the other into a fraction.

$0.65 = \frac{65}{100}$

We now need to find a common denominator

$\frac{3}{5}$ | $\frac{65}{100}$ | $\frac{6}{20}$

$\frac{3}{5}$ | $\frac{65}{100}$ | $\frac{6}{20}$

We now need to find a common denominator

5 and 20 both fit into 100

$\frac{3}{5}$ | $\frac{6}{20}$

We need to multiply the 5 by 20 to turn it into 100, so we need to multiply the numerator (3) by 20 as well.

We need to multiply the 20 by 5 to turn it into 100, so we need to multiply the numerator (6) by 5 as well.

$\frac{60}{100}$ | $\frac{65}{100}$ | $\frac{30}{100}$

So smallest to greatest - $\frac{6}{20}$ $\frac{3}{5}$ 0.65

27.1.21 Ordering fractions decimals and percentages

Vocabulary

- place value
- fraction
- decimal place
- percentage
- column
- equivalent

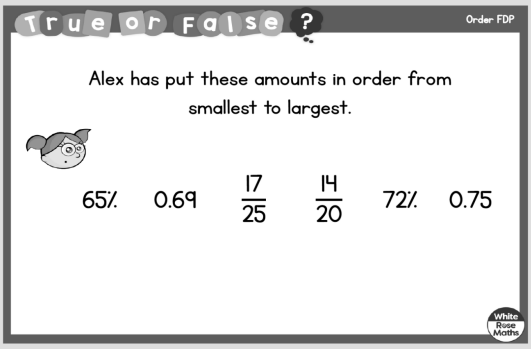
27.1.21 Ordering FDP

Today we are learning to order equivalent fractions, decimals and percentages.

I will be successful if:

- I identify the fraction as an equivalent
- hundredths
- I recognise the value of each decimal place
- I can idenitfy how many parts of the whole I have.

27.1.21

Plenary

True or False?