

21.1.21

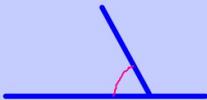
## Identify the angle type

acute, obtuse or reflex

1.



2.



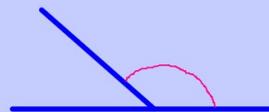
3.



4.



5.



6.



FB4

## Flashback 4

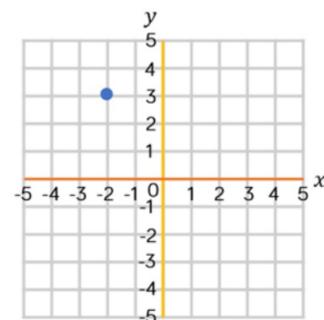
Year 6 | Week 3 | Day 1

1) Write  $\frac{3}{10}$  as a decimal.

2) What is  $36 \div 10$ ?

3) What are the coordinates of the point?

4) Multiply 38 by 6



# Barvember

## BARVEMBER

Thursday 29 November 2018

White  
Rose  
Maths

- 1 There are 3 vases on a table.



There are 5 flowers in each vase.  
How many flowers in total?

- 2 A crate contains 3 identical metal balls.

The mass of the crate and the balls is 35 kg.

Two more identical balls are added to the crate.

The mass of the crate and balls is now 47 kg.

What is the mass of the crate?

# Barvember

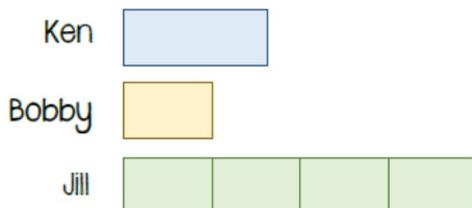
## BARVEMBER

Thursday 29 November 2018

White  
Rose  
Maths

- 3 Ken and Bobby have a total of £570  
Bobby and Jill have a total of £1,200  
Jill has 4 times as much money as Bobby.

How much money does Ken have?



- 4 Lou and Emma have the same amount of money.

Lou spends £35 and Emma spends £77

Lou now has  $2\frac{1}{2}$  times as much money left as Emma.

How much did they each start with?

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## Fractions to percentages

### Vocabulary

- fraction
- percentage
- equivalent
- hundredths
- tenths
- thousandths
- convert

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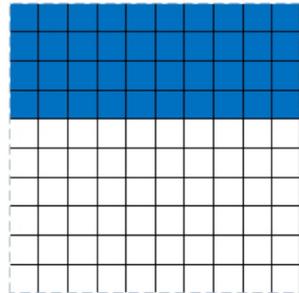
## Fractions to percentages

Today we are learning to convert fractions into percentages.

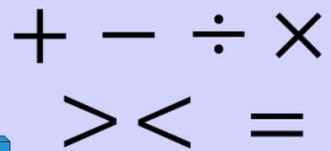
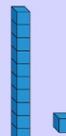
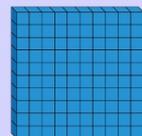
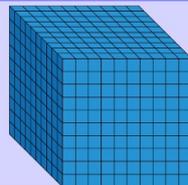
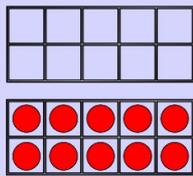
I will be successful if:

- I identify how to convert a fraction to an equivalent fraction (out of tenths or hundredths).
- I identify how to convert the denominator to hundredths.

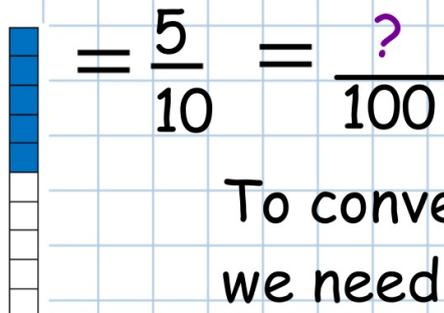
A percentage is how many parts out of 100



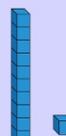
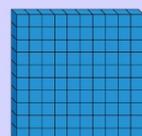
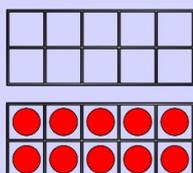
$$= 40 \text{ parts out of } 100 = \frac{40}{100} = 40\%$$



If we weren't given a hundred square, but were given a fraction, we would have to convert to hundredths.



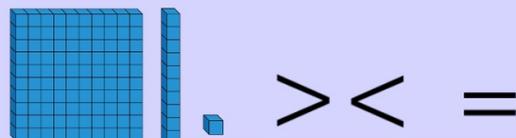
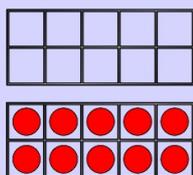
To convert tenths to hundredths, we need to find the equivalent fraction



To turn the denominator '10' into 100,  
we had to multiply by 10, so we have to  
multiply the denominator by 10.



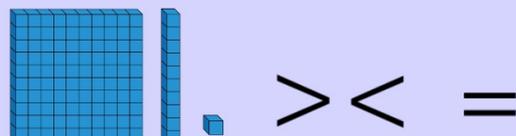
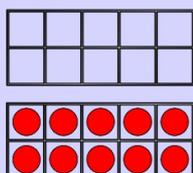
$$= \frac{5}{10} \stackrel{\times 10}{=} \frac{5 \times 10}{10 \times 10} = \frac{50}{100} = 50\%$$



If we are given the fraction  $\frac{5}{50}$

We would need to think about what we  
multiply 50 by to turn it into 100

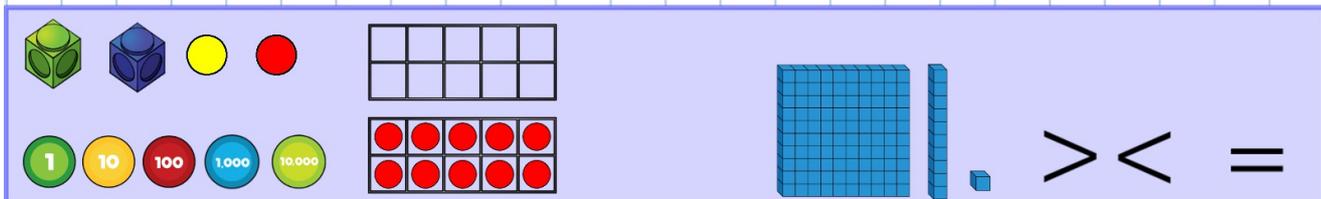
We would then multiply the 5 by the  
same amount to calculate our percentage



If we are given the fraction  $\frac{28}{200}$

We would need to think about what we divide (because 200 is greater than 100) 200 by to turn it into 100

We would then divide the 28 by the same amount to calculate our percentage



If we are given the fraction  $\frac{4}{8}$

We would need to think about what we multiply 8 by to turn it into 100

Or (where possible)

we could convert to a smaller equivalent fraction e.g quarters or even a half (and then convert to hundredths).



## 21.1.21

Fractions to percentages

Turn these fractions into percentages. Complete A or B

A

1.  $\frac{3}{10}$

5.  $\frac{23}{50}$

9.  $\frac{12}{25}$

2.  $\frac{7}{10}$

6.  $\frac{13}{50}$

10.  $\frac{6}{25}$

3.  $\frac{6}{20}$

7.  $\frac{48}{200}$

11.  $\frac{?}{10} = 40\%$   
Identify the value of ?

4.  $\frac{4}{20}$

8.  $\frac{100}{200}$

12.  $\frac{?}{200} = 32\%$

B

1.  $\frac{6}{10}$

5.  $\frac{27}{50}$

9.  $\frac{?}{25} = 68\%$

2.  $\frac{19}{20}$

6.  $\frac{74}{200}$

10.  $\frac{?}{200} = 29\%$

3.  $\frac{18}{25}$

7.  $\frac{6}{8}$

11.  $\frac{?}{400} = 24\%$

4.  $\frac{3}{4}$

8.  $\frac{?}{400} = 17\%$   
Identify the value of ?

12.  $\frac{?}{50} = 76\%$

## 21.1.21

Plenary

True or False ?

Fractions to percentages

$$\frac{27}{50} = 54\%$$

White Rose Maths