





# Aims of the Session

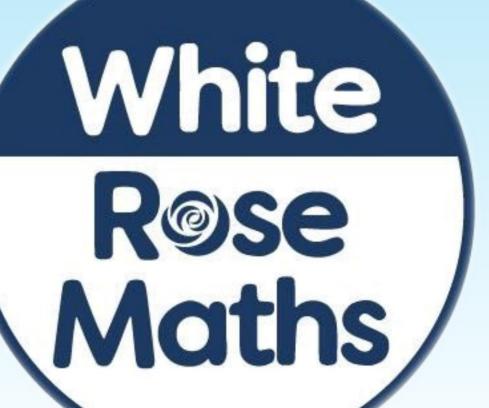
- White Rose Scheme
- Has Maths changed?
- Place Value
- Addition and Subtraction
- Supporting Maths at home apps/ real life

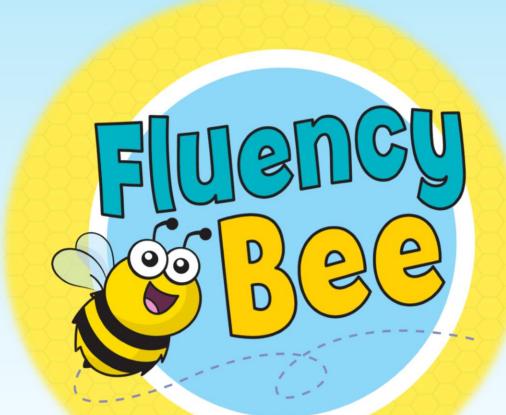




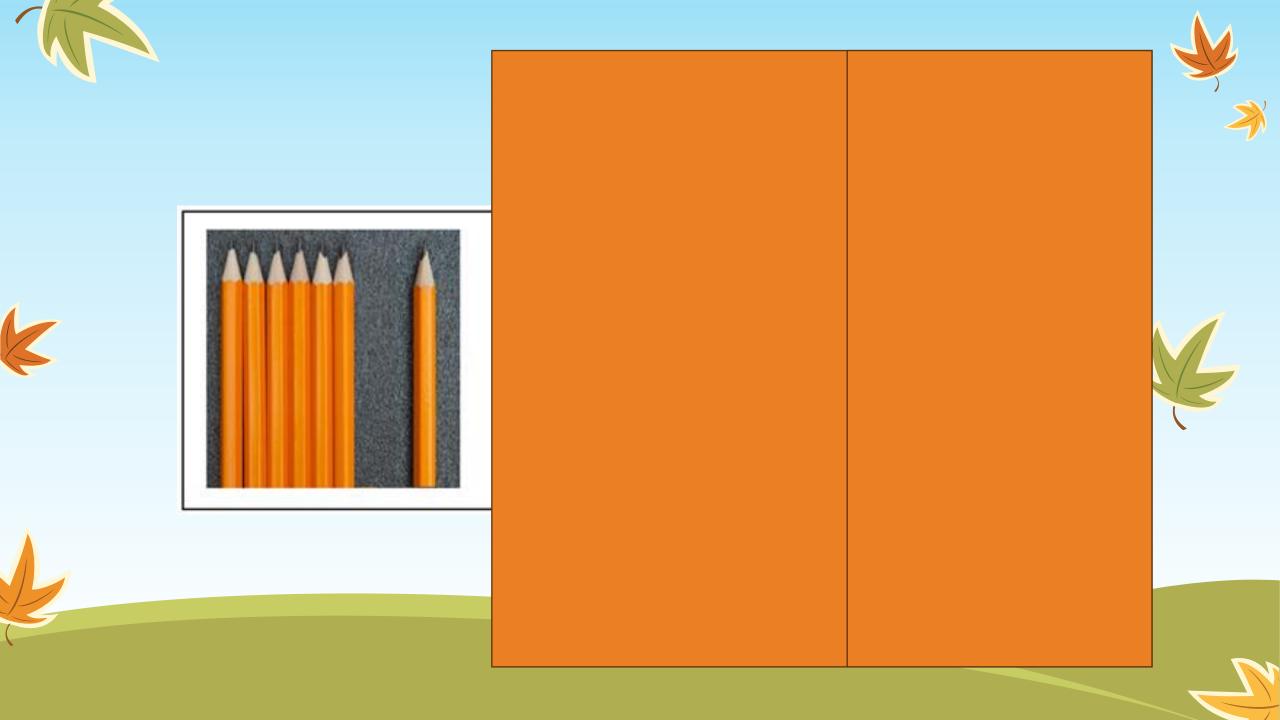










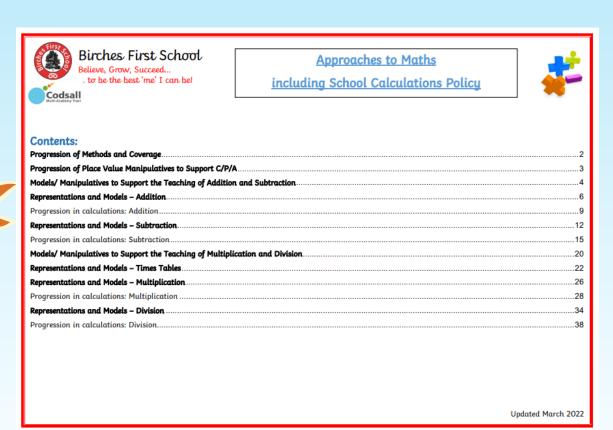


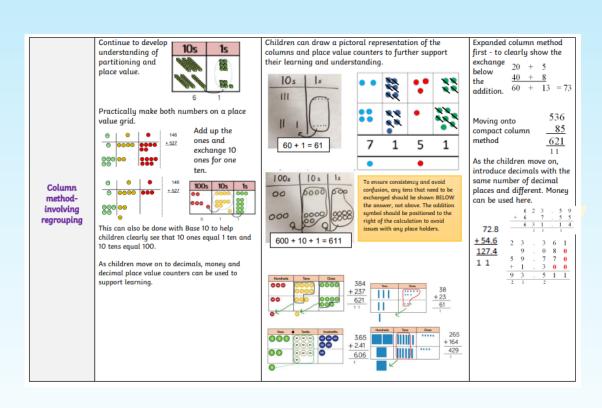


#### Calculation Policy





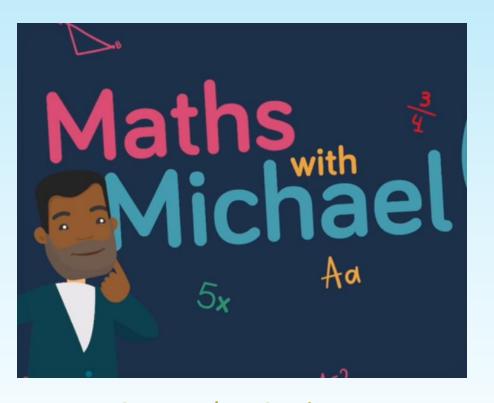






## Has Maths changed?















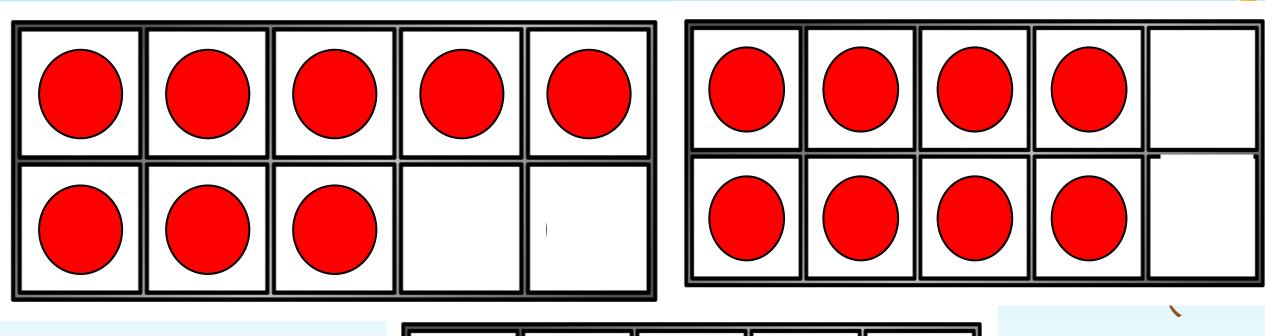


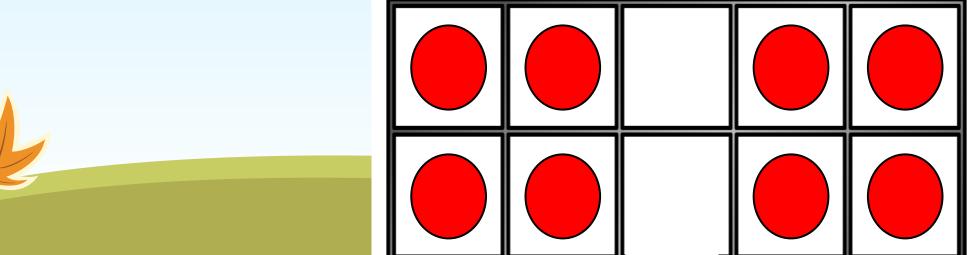












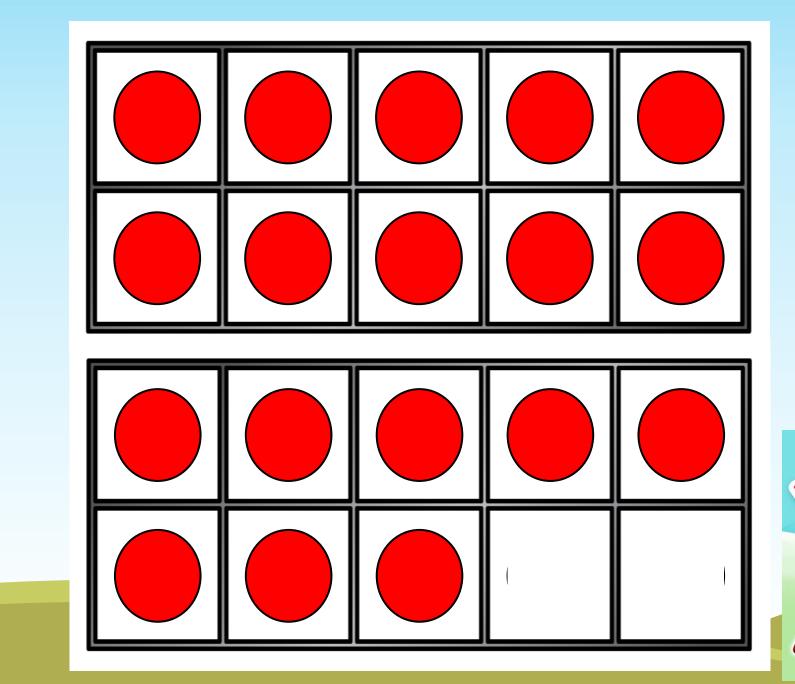


#### **Number Formation**



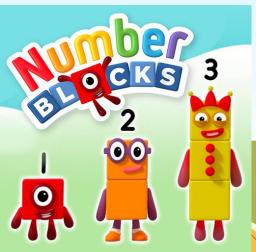
0		:3		5	6			
0	2	3	4	5	6	7	8	9

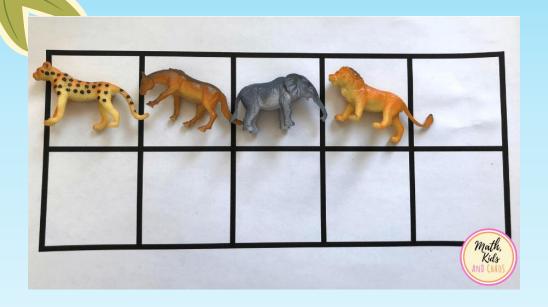
















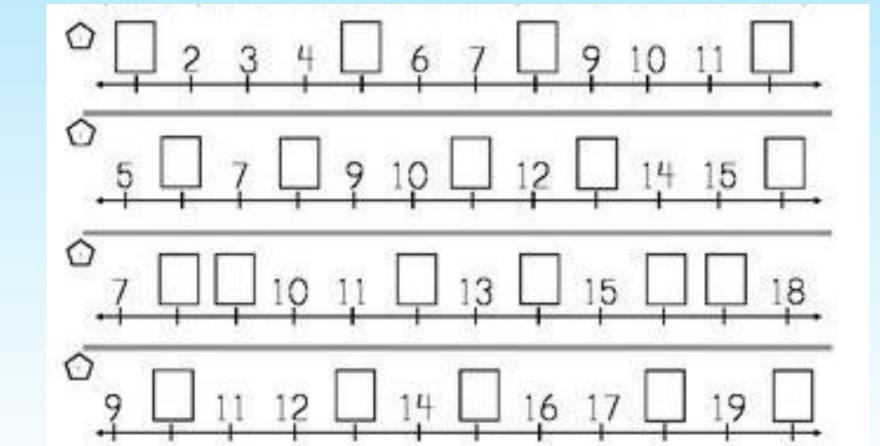










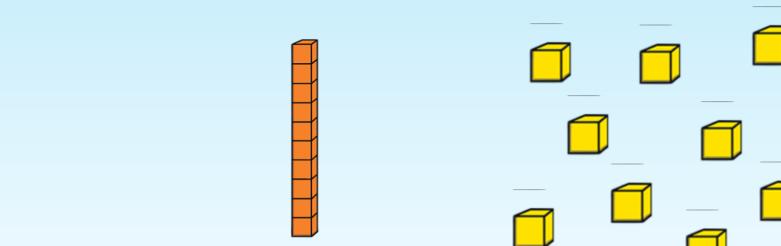










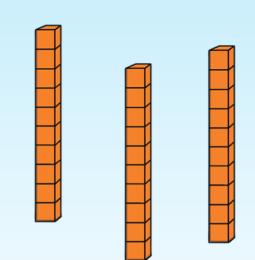


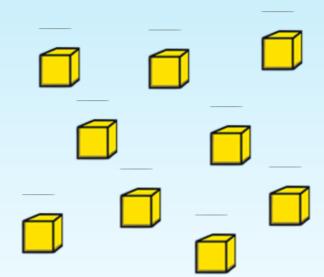










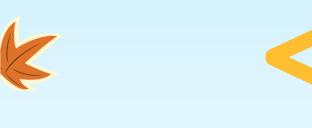




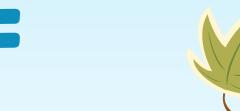
















## Your turn



Use the concrete resources to represent the numbers below:

12

24

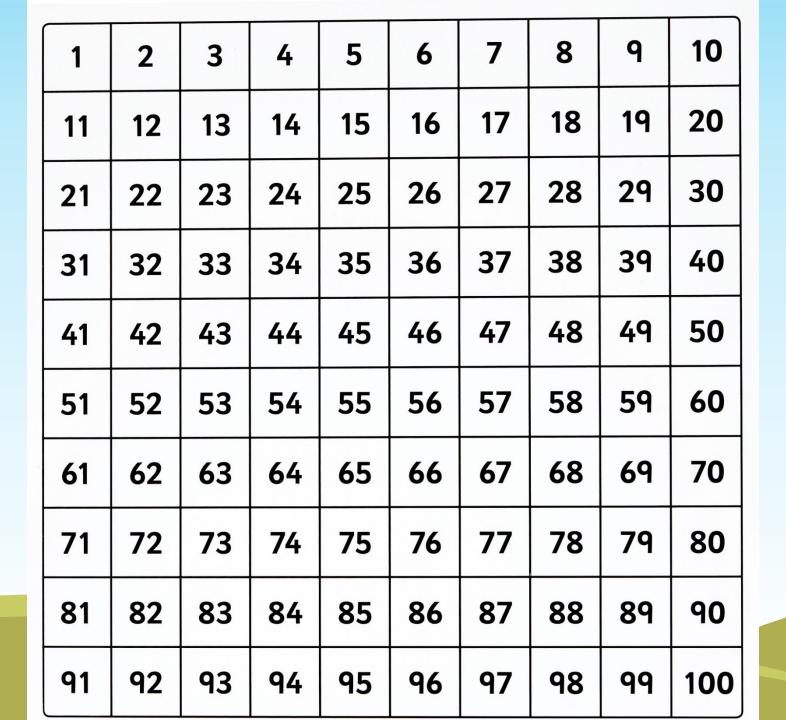
30



Compare the numbers. What do you notice?





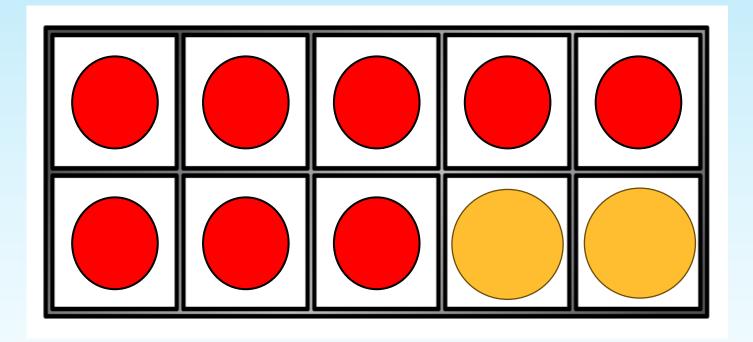






#### Addition and Subtraction

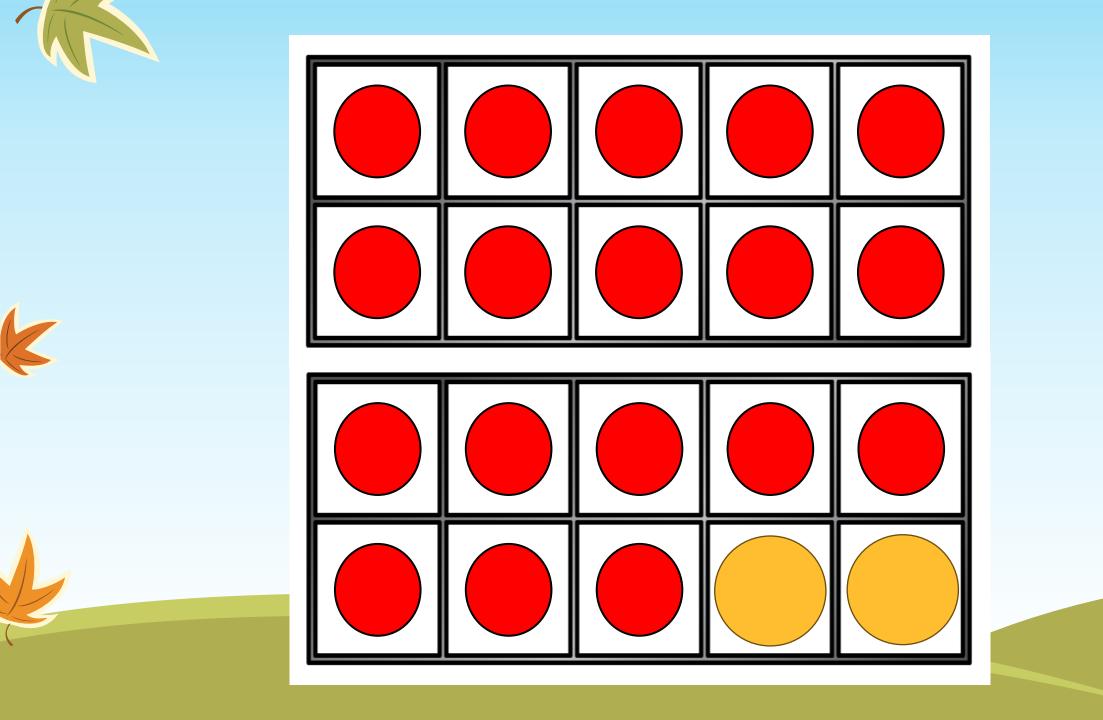








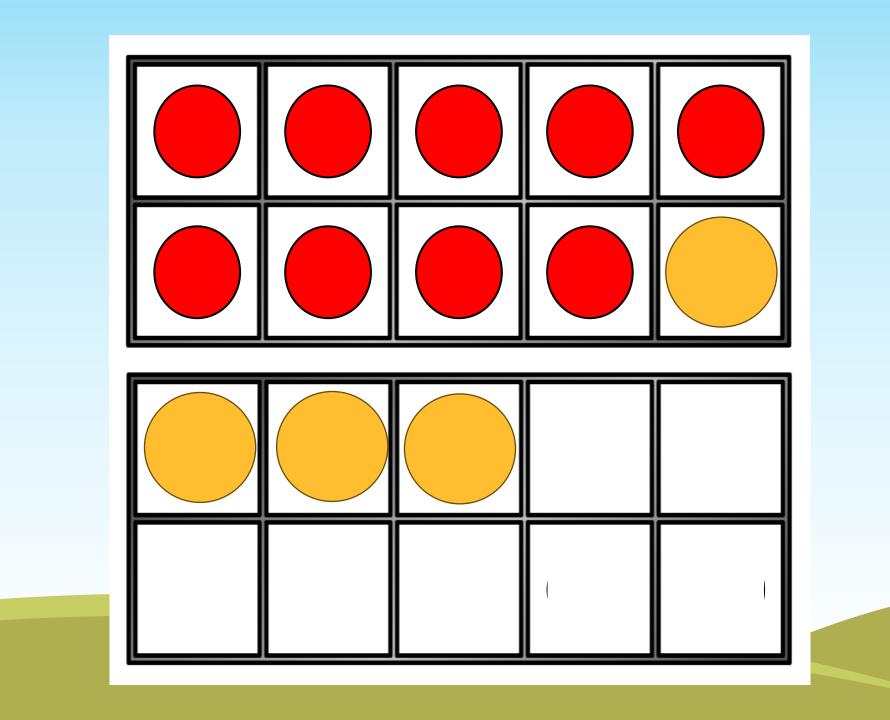












E



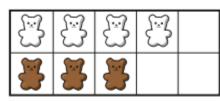






Complete the sentences.

a)

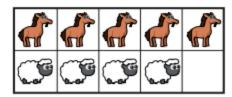


There are white bears.

There are brown bears.

There are bears altogether.

b)



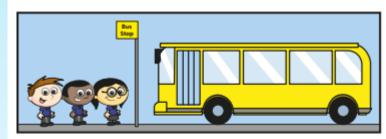
There are horses.

There are sheep.

There are animals altogether.

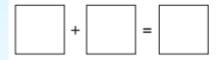


There are 5 children on the bus.



3 more children get on the bus.

How many children are on the bus now?



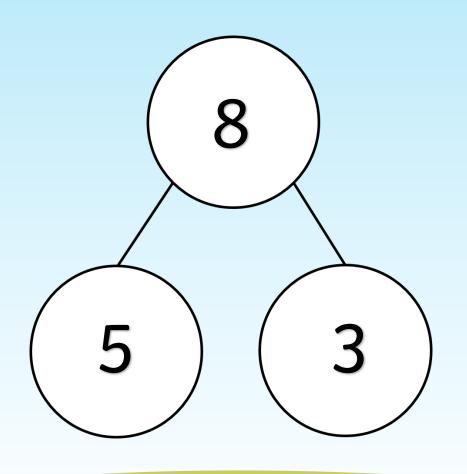
There are children on the bus now.





#### Place Value/ Addition and Subtraction





$$5 + 3 = 8$$

$$3 + 5 = 8$$

$$8 = 5 + 3$$

$$8 = 3 + 5$$

$$8 - 5 = 3$$

$$8 - 3 = 5$$

$$3 = 8 - 5$$

$$5 = 8 - 3$$













18

1 7

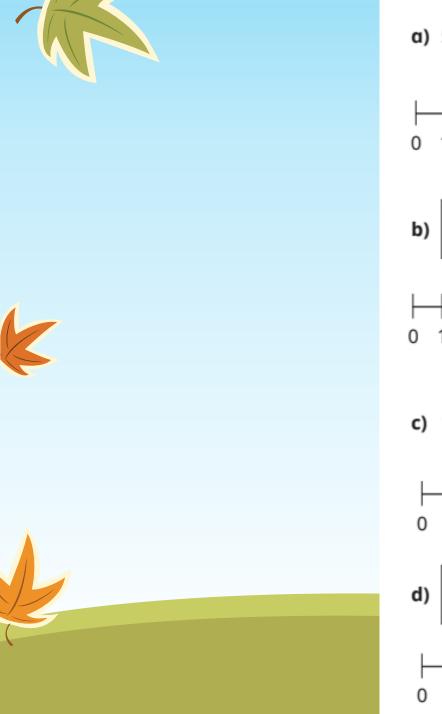




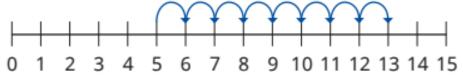






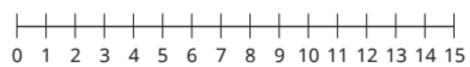








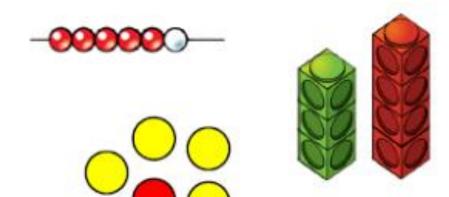










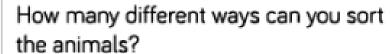


Which of the images could help to complete the number sentence? Explain why.

Can you think of a number sentence for each of the other two images?







Complete a part-whole model for each way.

Can you partition the animals into more than 2 groups?



4 is the whole.

How many different part-whole models can you draw to show this?
Use different numbers for the parts each time.

Are any the same? Why?

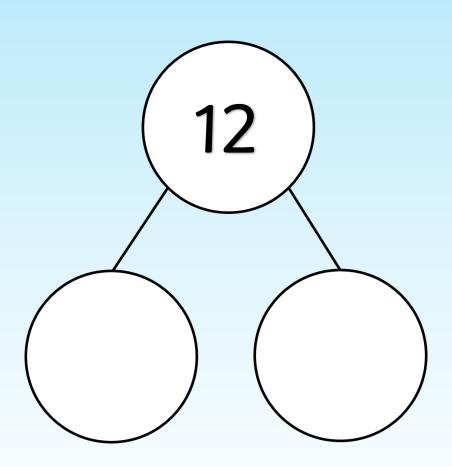






#### Your turn



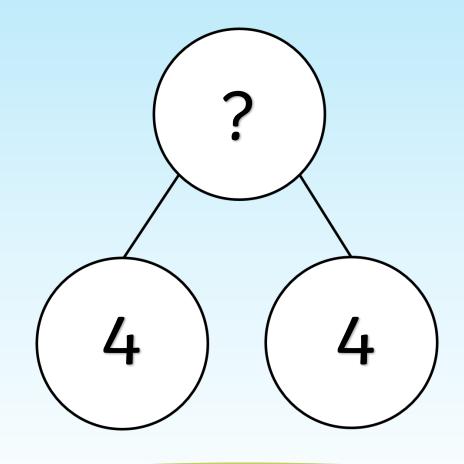


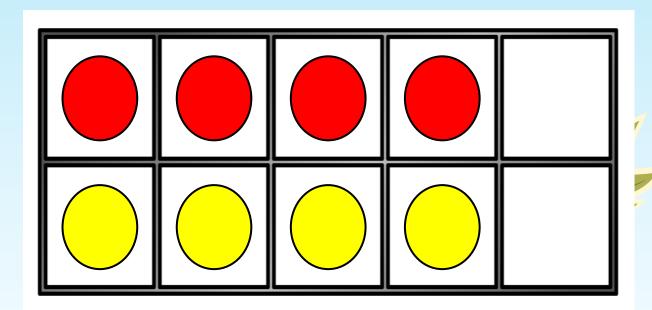




## Double/ Half









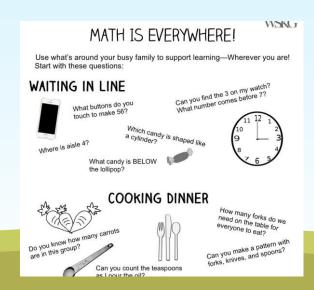


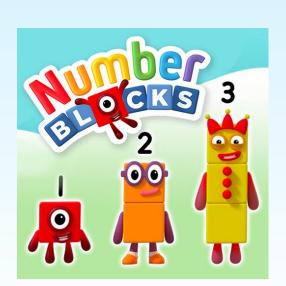
#### Supporting Maths at Home

















## Knowledge Organisers





#### YR2 PLACE VALUE KNOWLEDGE ORGANISER

#### **Key Concepts**

- · Recognising the place value of each digit in a two digit number
- Read and write numbers up to 100 in numerals and in words
- Compare and order numbers from 0 up to 100
- · Partitioning tens and ones
- Understanding place value charts

greater than/less than

· Counting in 2s, 3s, 5s and 10s

**Key Vocabulary** 

represents

equal to

tens and ones

place value

#### Numbers to 100

A two-digit number is made up of tens and ones. Base 10 can be used to represent numbers.

represents a ten

represents a one



This represents the number 35. It is made up of 3 tens (30) and 5 ones.

Numbers can also be represented with place value



These counters represent the number 46. It is made up of 4 tens (40) and 6 ones.

Numbers can also be shown in a ten frame.



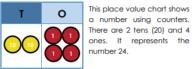
This shows a complete ten and 7 ones. This means that it shows the number 17.

#### **Place Value Charts**

Place value helps us know the value of a digit, depending on its place in the number.



This place value chart shows a number using base 10. There are 4 tens (40) and 8 ones so it represents the number 48.





place so it means 5.



In this place value chart, the 2 digit is in the tens place, so it really means 20. The 5 digit is in the ones



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# Any questions?

Thank you for coming. We hope you found it useful.





