



Year 1 Spring 2

Place Value within 50

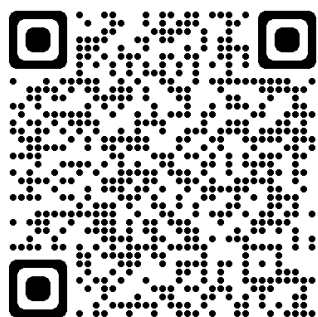


Dear Parents/ Carers,

Year 1 children have just finished the unit '*Addition and Subtraction to 20*'.

Please find attached the vocabulary cards relating to their new unit - '**Place Value within 50**'. The children are introduced to a vast range of mathematical vocabulary each term. Therefore, the partnership between home and school in helping them to retain, use and acquire a secure understanding of this vocabulary within their learning is paramount. Please keep sharing and using this vocabulary when learning about maths together at home.

Attached is some guidance from White Rose (our predominant maths scheme used within school) on how best to support your child with learning about *Place Value within 50* at home. Please click on the QR code.



Please also see the attached QR code which enables you to download a *Place Value within 50* booklet to work through with your child at home.



Thank you for your continued support with Maths at home.

Ten Frames

A representation used to show how numbers are made up of ten and a 'bit'.

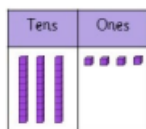


$$10 + 3 = 13$$

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Place Value Chart

A representation used to show the value of the digit in a number.



The value of the 3 in 34 is 30
The value of the 4 in 34 is 4

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Digit

0 1 2
3 4

Any of the ten numbers:
0, 1, 2, 3, 4, 5, 6, 7, 8, 9

The number 19 has two **digits**.

5 6 7
8 9

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Place Value

The value of a digit, depending on its position.

For example- the numbers 12 and 21 both have the number 2 in them but the place value of the 2 is different.

12
tens ones

21
tens ones

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Base 10

Equipment used to partition numbers into tens and ones.

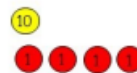


Seventeen is made up of one **ten** and seven **ones**.

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Tens and Ones

A 2-digit number has tens and ones.



14
tens ones

Tens	Ones
1	4

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Forwards

To count up by adding one more every time.

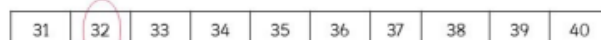


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One Less

The number that comes before the target number.

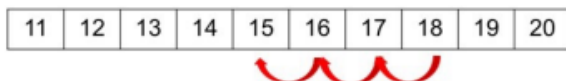
32 is **one less** than 33.



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Backwards

To count back subtracting one every time.

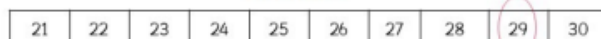


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One More

The number that comes after the target number.

29 is **one more** than 28

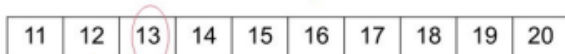


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Before

The number that is one less than the target number.

12 comes **before** 13.

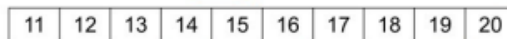


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Order

Putting numbers into the correct place following a rule.

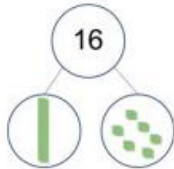
These numbers are in **order** from the smallest to the largest.



Can you **order** them from largest to smallest?
Which number would come first?

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Part-Whole Model



A representation used to partition numbers into their parts.

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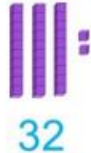


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Compare

Looking at the difference between numbers.
Is one greater than the other?
Are they equal to each other?

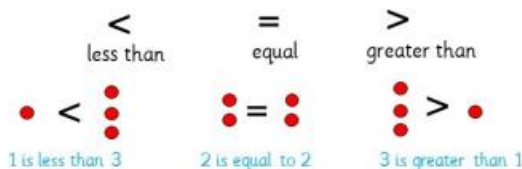
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Comparison Symbols

We can use these symbols to tell us if a number is greater than or less than another number.



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After

The number that is one more than the target number.

17 comes after 16.

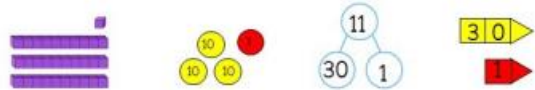


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Representation

Pictorial representation- we can use pictures in maths to stand for a number.

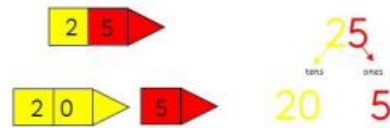
These pictures all represent the number 31.



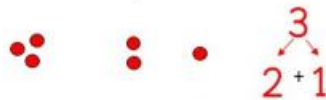
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Partition

To split/ separate/ divide numbers into smaller parts.
This can make calculations easier.



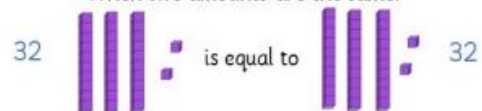
You can also partition smaller numbers.



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Equal to

When two amounts are the same.



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Count in 2s

To count forwards or backwards adding or subtracting 2 every time.



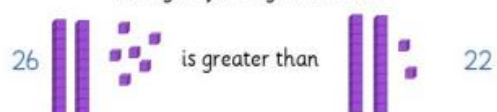
2	4	6	8	10	12
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What do you notice? Can you spot a pattern?

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Greater than

A larger quantity or amount.



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Count in 5s

To count forwards or backwards adding or subtracting 5 every time.



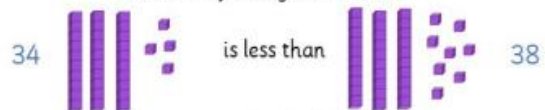
5	10	15	20	25	30	35
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What do you notice? Can you spot a pattern?

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Less than

A smaller quantity or amount.



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