

**MATHS IN KEY STAGE 1
NOVEMBER '19**



To be the best I can be..

THE NATIONAL CURRICULUM FOR MATHEMATICS

Aims to ensure that all pupils :

- * Become fluent in the fundamentals of mathematics.

- * Reason mathematically

- * Solve problems by applying their mathematics

BROMLEY HEATH INFANTS KEY STAGE 1 MATHS CURRICULUM

At Bromley Heath we love to have fun with our Maths learning! Everyday we experience our Maths learning through problem solving, which enables us to apply our Maths knowledge and understanding to real life situations. We have a real focus on Mathematical thinking and reasoning, using models and images to help us. We use the CPA approach to all new concepts.



YEAR 1 MATHEMATICS CURRICULUM

Number and Place Value

- Count to and across 100, forwards and backwards, beginning with 0 or 1 or from any given number.
- Count in multiples of 2's, 10's and 5's.
- When given a number can identify one more and one less.

YEAR 1 MATHEMATICS CURRICULUM

Addition and Subtraction

- Is able to recall with fluency addition and subtraction facts within 20
- Can add and subtract one-digit and two-digit numbers to 20, including 0.
- Can solve one-step problems that involve addition and subtraction, and missing number problems such as $7 = ? - 9$.



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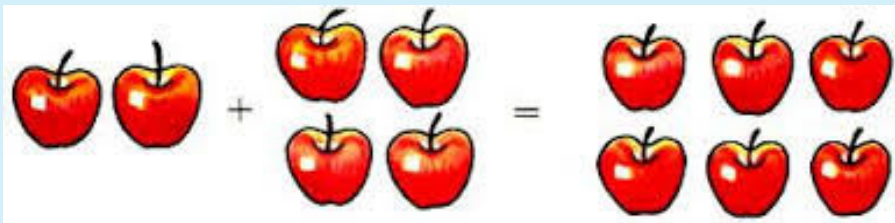
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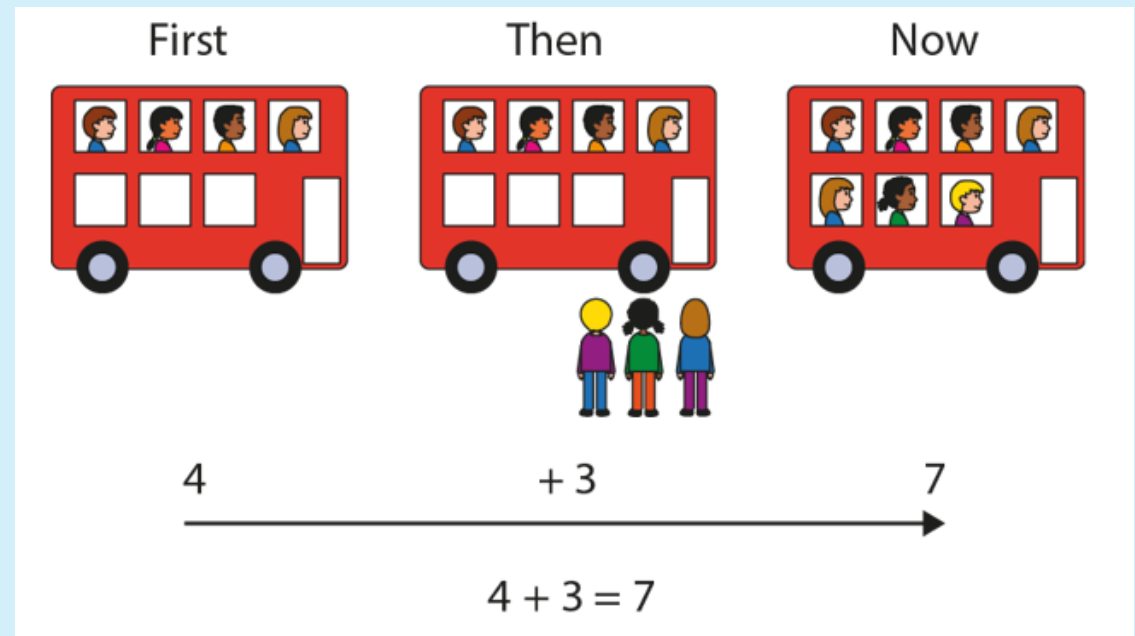
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Addition

Combining groups



$$2 + 4 = 6$$



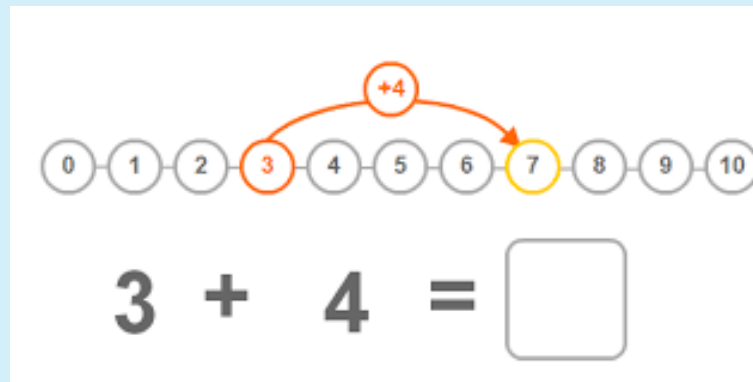
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Addition

Counting on



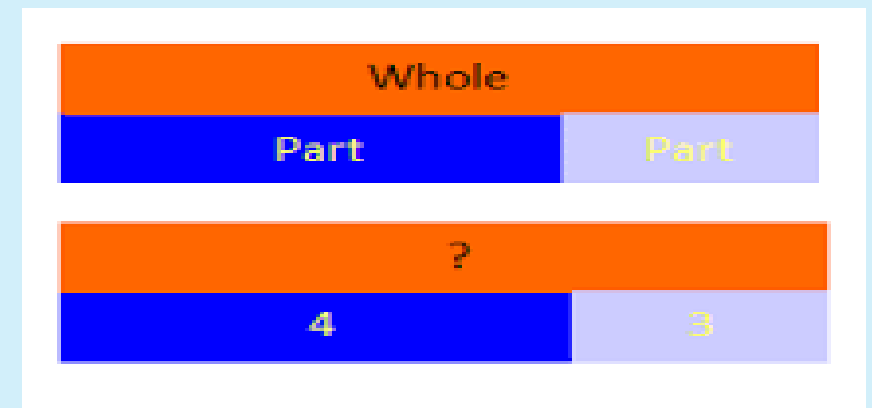
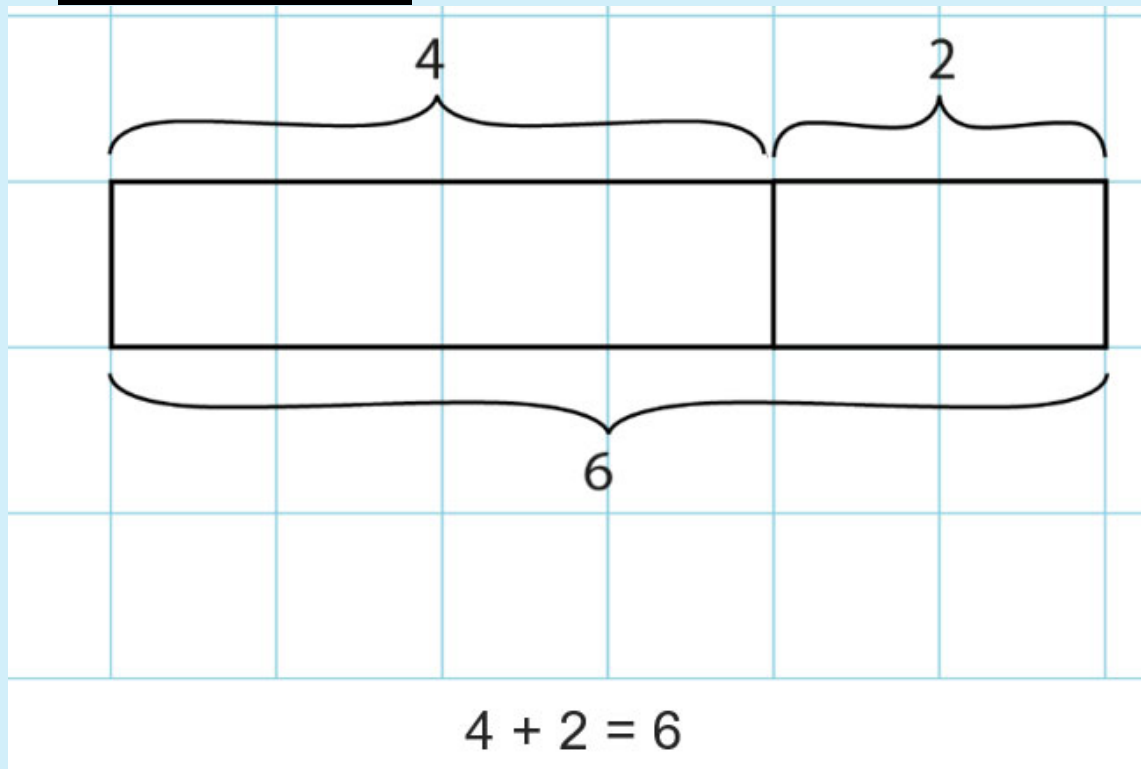
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Addition

Bar Model



$$4 + 3 = 7$$

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Subtraction

Taking away

First Then Now

3 -3 0

3 - 3 = 0

6 - 3 = 3

=

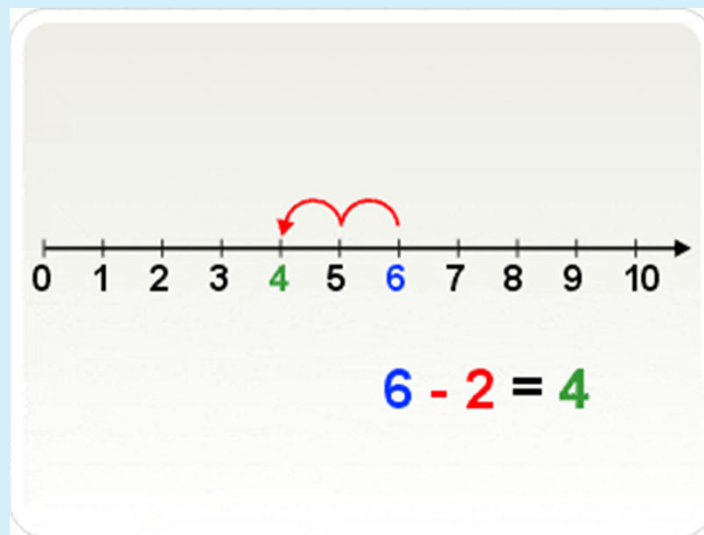


7 - 2 = ___

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Subtraction

Counting back



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Subtraction

Bar Model

4 - 1 = 3

| | |
|---|---|
| 3 | ? |
| 7 | |

$$7 - ? = 3$$

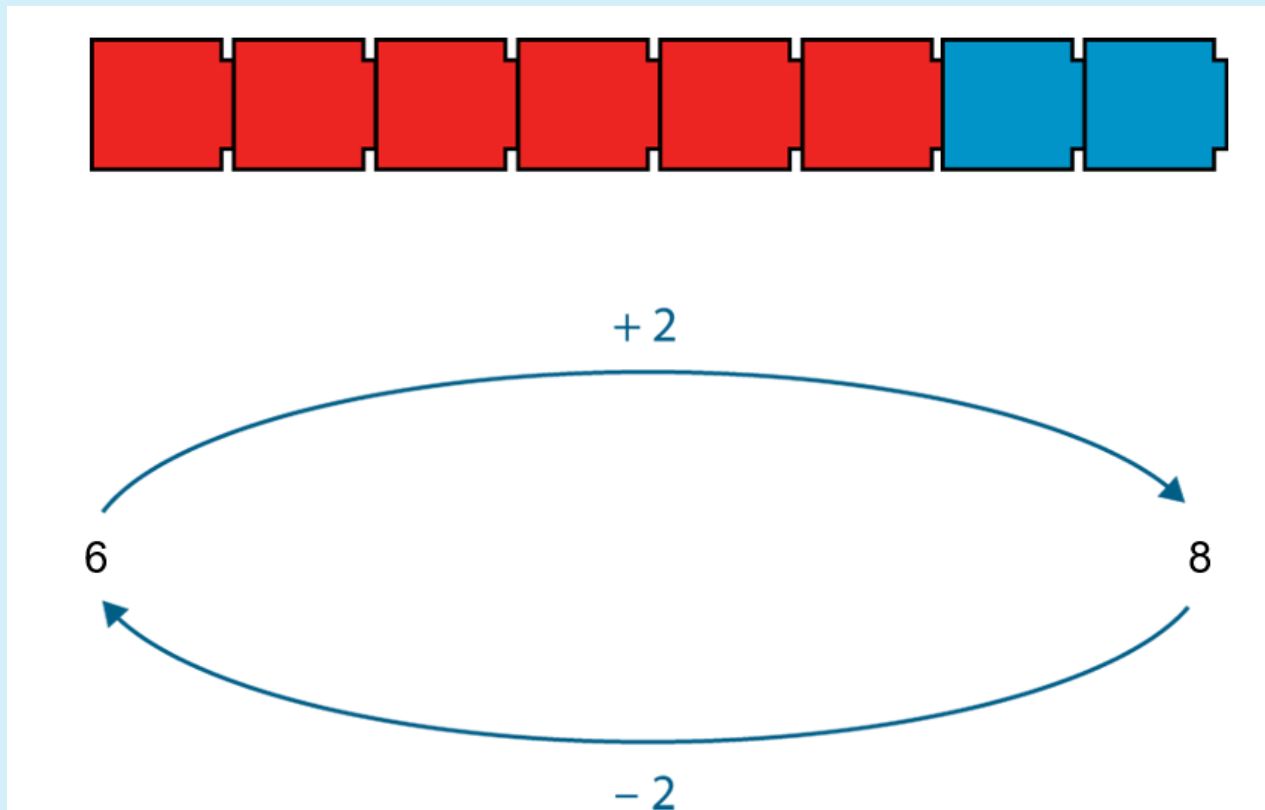
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KEY STAGE 1 MATHS CURRICULUM



To be the best I can be..

Making links



YEAR 1 – HELPING AT HOME

- Lots of practical opportunities for counting, knowing what a number to 100 is, especially the number that comes before/ is 1 less than. Lots of counting backwards and forwards, especially over the tens numbers.
- Learning the number facts, concentrate on the tricky ones with lots of repetition until they are fluent. (If they are still using their fingers, that is fine, then they need more practice.) e.g. When you are in the car find how many ways can you make 8?
- Look at maths in the environment , shopping look at weights and capacities , use money to practise counting in 2's, 10's and 5's.
- Learning to tell the time, o'clock, half past and then when confident $\frac{1}{4}$ past and $\frac{1}{4}$ to the hour.