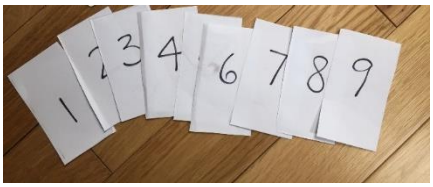
## Numbers Week – Calculation Y1/2

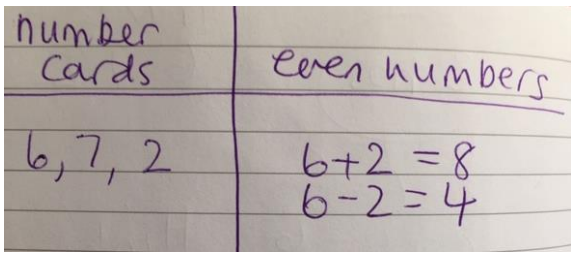
## Day 1




- This week you need to cut a piece of paper into nine pieces and number them 1 to 9.
- Shuffle the number cards and deal yourself three.
- How many **even** numbers can you make using some or all of your three cards?

  **Hint**: For even numbers think of counting in twos (2, 4, 6, 8, 10…)

  For example, with the numbers 6, 7 and 2 here are some of the **even** numbers you can make:




- Record **all** the calculations that make even numbers
- Now shuffle the cards and deal yourself three again. How many **even** numbers can you make this time? Record the calculations that make even numbers.
- Now choose three number cards which you think will give you the most **even** numbers. Record the calculations.
- What do you notice?

***Notes for adults working with groups of children***

- Children may need resources to support the addition and subtraction e.g. Numicon, bead strings…
- Help the children to work systematically so that they know they have found all possibilities. For example, they could start with each pair of single numbers (such as 6 and 2, then 7 and 2, then 7 and 6) and consider if adding or subtracting will result in even numbers.
- Ask the children to explain their choice of three numbers.

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## Numbers Week – Calculation Y1/2

## Day 2

- Shuffle the number cards and deal yourself three.
- How many **odd** numbers can you make using some or all of your three cards?

  For example, with the numbers 6, 3 and 9 here are **some** of the odd numbers you can make:
  - 3 + 6 = 9
  - 9 + 6 = 15
  - 6 – 3 = 3
- Record **all** the calculations that make **odd** numbers.
- Now shuffle the cards and deal yourself three again. How many **odd** numbers can you make this time? Record the calculations that make odd numbers.
- Now choose three number cards which you think will give you the most **odd** numbers. Record the calculations.
- What do you notice?

***Notes for adults working with groups of children***

- Children may need resources to support the addition and subtraction e.g. Numicon, bead strings…
- Help the children to work systematically so that they know they have found all possibilities. For example, they could start with each pair of single numbers (such as 6 and 3, then 9 and 3, then 9 and 6) and consider if adding or subtracting will result in odd numbers.
- Ask the children to explain their choice of three numbers.

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## Numbers Week – Calculation Y1/2

## Day 3

- Shuffle the number cards and deal yourself three.
- How many numbers **bigger than 10** can you make using some or all of your three cards?

  For example, with the numbers 2, 7 and 5 here are **some** of the numbers bigger than 10 you can make:
  - 5 + 7 = 12
  - 7 + 5 + 2 = 14
- Record **all** the calculations that make numbers bigger than 10.
- Now shuffle the cards and deal yourself three again. How many numbers **bigger than 10** can you make this time? Record the calculations that make these numbers.
- Now choose three number cards which you think will give you the most numbers **bigger than 10**. Record the calculations.
- What do you notice?

***Notes for adults working with groups of children***

- Children may need resources to support the addition and subtraction e.g. Numicon, bead strings…
- Ask the children to explain their choice of three numbers.

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## Numbers Week – Calculation Y1/2

## Day 4

- Shuffle the number cards and deal yourself three.
- How many numbers **smaller than 10** can you make using some or all of your three cards?

  For example, with the numbers 7, 3 and 5 here are **some** of the numbers smaller than 10 you can make:
  - 5 + 3 = 8
  - 7 – 5 = 2
- Record **all** the calculations that make numbers smaller than 10.
- Now shuffle the cards and deal yourself three again. How many numbers **smaller than 10** can you make this time? Record the calculations that make these numbers.
- Now choose three number cards which you think will give you the most numbers **smaller than 10**. Record the calculations.
- What do you notice?

***Notes for adults working with groups of children***

- Children may need resources to support the addition and subtraction e.g. Numicon, bead strings…
- Ask the children to explain their choice of three numbers.

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## Numbers Week – Calculation Y1/2

## Day 5

- Shuffle the number cards and deal yourself three.
- How many numbers **between 5 and 15** can you make using some or all of your three cards?

  **Hint**: Between 5 and 15 means bigger than 5 but smaller than 15.

  For example, with the numbers 5, 7 and 1 here are **some** of the numbers between 5 and 15 you can make:
  - 5 + 7 + 1 = 13
  - 7 – 1 = 6
- Record **all** the calculations that make numbers between 5 and 15.
- Now shuffle the cards and deal yourself three again. How many numbers **between 5 and 15** can you make this time? Record the calculations that make these numbers.
- Now choose three number cards which you think will give you the most numbers **between 5 and 15**. Record the calculations.
- What do you notice?

***Notes for adults working with groups of children***

- Children may need resources to support the addition and subtraction e.g. Numicon, bead strings…
- Ask the children to explain their choice of three numbers.

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