

Maths - Year 1

Calculating 8: Adding more than two numbers

Key Vocabulary

Add	Combine two or more amounts/numbers to make a total.
Plus	Add. Also a symbol for add (+).
Total	The result of addition. The whole amount of numbers or objects combined.
Combine	Join together.
Estimate	Work out an answer or measurement that is nearly right.
Double	Multiply a number or amount by two.
Order	Arranging numbers, shapes or objects into a sequence or pattern.
Pattern	A set of ordered numbers, shapes or objects.
Equals	The same in number or amount.

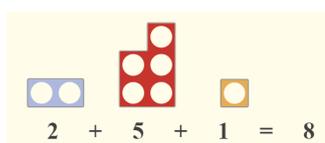
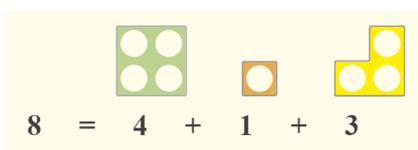
Mathematical Skills

- Confident about adding with whole numbers.
- Recall adding facts to 10 and know when to use these to help with adding problems.
- Recall of adding and subtracting facts for 10 and can use these when finding adding and subtracting facts for 11 and 12.
- Recall of doubles of numbers 1-5 and know when to use these to help with adding problems.
- Work in a organised way to show adding and subtracting facts in order, both when building them with apparatus and when writing them down.
- When adding more than two numbers, strategically choose which pair of numbers to add first showing an understanding that there can often be several ways to reach a solution.

Mathematical Methods

- Adding three single digits e.g. $3 + 1 + 4$.

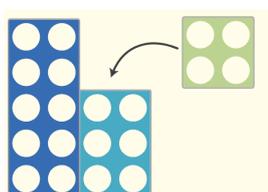
- Finding shapes for a given total.



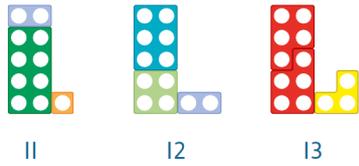
- Buying three items at a shop e.g. from five shopping items priced 1p, 2p, 3p, 4p and 5p. Explore what you could buy with 10p.

$5p + 4p + 1p$	$5p + 3p + 2p$	$4p + 3p + 3p$	$2p + 4p + 4p$
$4p + 5p + 1p$	$3p + 5p + 2p$	$3p + 4p + 3p$	$4p + 2p + 4p$
$4p + 1p + 5p$	$3p + 2p + 5p$	$3p + 3p + 4p$	$4p + 4p + 2p$

- Revising adding facts to 10.



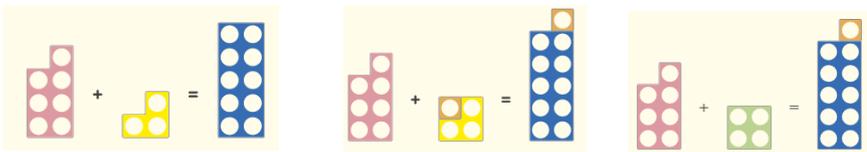
- Revising teen numbers and exploring combinations that total teen numbers e.g. $8 + 2 + 1 = 11$ or $4 + 6 + 2 = 12$.



- Finding how many to 10, then adding a single-digit number.

6	+	4	+	8	=	18
3	+	7	+	4	=	14
5	+	5	+	3	=	13
8	+	2	+	7	=	17

- Finding out about 11.



- Subtracting and adding facts for 11 and 12.

Can you..?

- Choose three numbers and add together. Which order would you add them in? Can you explain why?

$$\square + \square + \square = \square$$

- Can you tell me how to solve these calculations.

$$\square 5 + \square 4 + \square 4 = \square$$

$$\square 6 + \square 6 + \square 2 = \square$$

$$\square 3 + \square 6 + \square 3 = \square$$

- How can the top number sentence help you to find the missing number?

$$6 + 4 = 10$$

$$6 + \square = 11$$