

Maths - Year 2

Calculating 11: Bridging through multiples of 10

Key Vocabulary

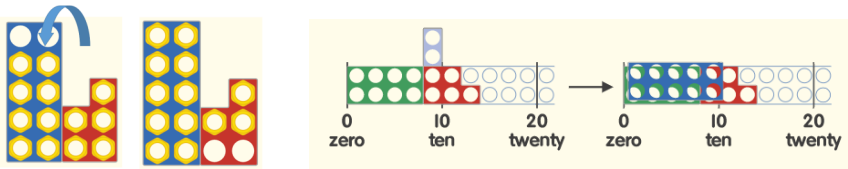
Subtract	Taking one amount from another.
Add	Combine two or more amounts to make a total.
Tens	Refers to the number of tens in a number e.g. on a place value grid.
Ones	Refers to how many ones in a number e.g. 34 has 3 tens 4 ones.
Whole tens/Tens numbers/multiples of 10	The result of multiplying a number by 10. Numbers in the ten times tables e.g. 10, 20, 30, 40, 50 etc.
Equals	The same in number or amount.
Adjust	To make a small change to something.
Bridging	Partitioning (splitting) the number to be added or subtracted to help with calculating.

Mathematical Skills

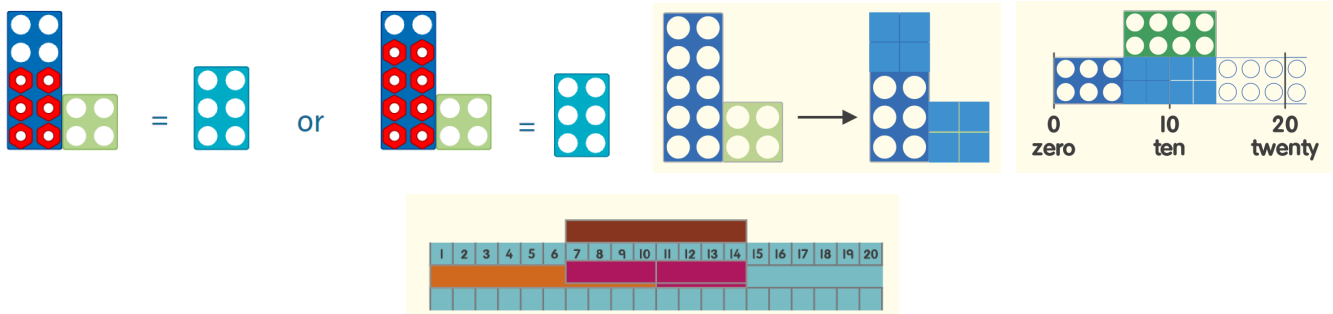
- Adding and subtracting without resorting to counting in ones.
- Fluent recall of adding and subtracting facts within 10 and use these facts when calculating.
- Use the inverse relationship with adding to solve subtracting questions.
- Realise some problems cannot be solved by recalling the answer and understand that sometimes there are several steps involved.

Mathematical Methods

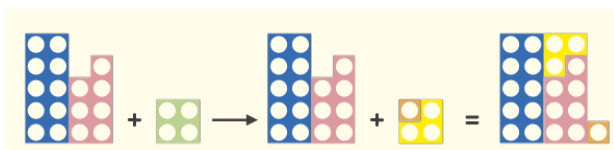
- Adding two 1-digit numbers and bridging 10 e.g. $8 + 5$.



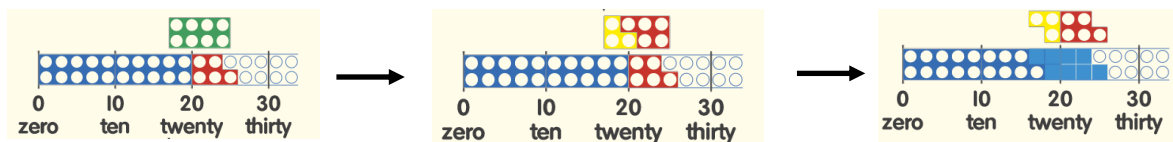
- Subtracting a 1-digit number from a teen number and bridging 10 e.g. $14 - 8$.



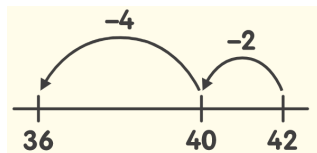
- Adding and bridging through multiples of 10 e.g. $17 + 4 = 17 + 3 + 1$



- Subtracting and bridging through multiples of 10 e.g. $25 - 8 = 25 - 5 - 3$.



- Using an empty number line e.g. $42 - 6$.



Can you..?

- Can you solve this calculation using bridging? Can you use Numicon shapes to show this?

$$27 + 6$$

- Can you use Numicon shapes to show me how to find the answer to this question?

There are 32 strawberries.
I eat 7 of them.
How many strawberries
are left?