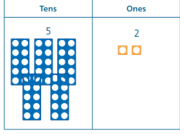


Maths - Year 2

Calculating 7: Adding and subtracting 1-digit numbers to and from 2-digit numbers

Key Vocabulary

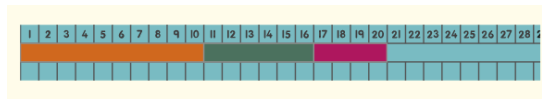
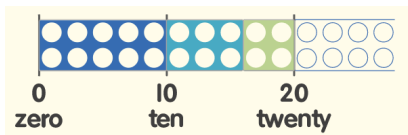
Subtract	Taking one amount from another.
Add	Combine two or more amounts or numbers to make a total.
Tens	Refers to the number of tens in a number e.g. on a place value grid. 
Tens numbers/multiples of 10	The result of multiplying a number by 10. Numbers in the ten times tables e.g. 10, 20, 30, 40, 50 etc.
Ones	Refers to how many ones in a number e.g. 34 has 3 tens 4 ones.
Partition	Splitting a number in different ways.
Equals	The same in number or amount.

Mathematical Skills

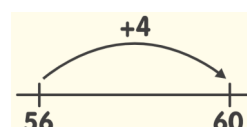
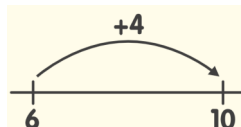
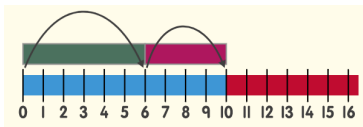
- Have fluent recall of adding and subtracting facts within 10 and use these to add and subtract 1-digit numbers to and from a 2-digit number.
- Use understanding of place value to add and subtract 1-digit numbers to and from 2-digit numbers.
- Record adding and subtracting of 1-digit numbers to and from a 2-digit number in columns.

Mathematical Methods

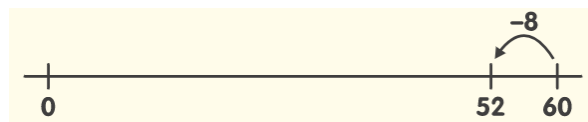
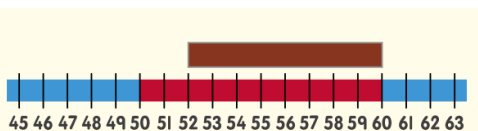
- Adding 1-digit numbers to reach the next multiple of 10 e.g. 16 children go to an after school club and four more children join. How many children go to the club altogether?



- Using an empty number line for adding e.g. $6 + 4 = 10$ which helps us calculate $56 + 4$.



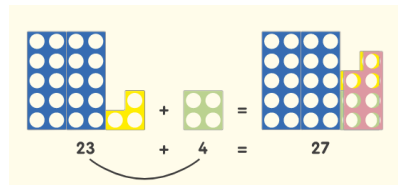
- Subtracting 1-digit numbers from a multiple of 10 e.g. $60 - 8$.



- Writing patterns when subtracting 1-digit numbers from a multiple of 10 e.g.

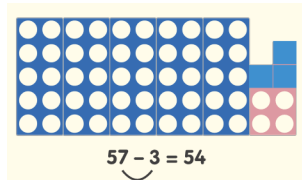
$$\begin{aligned}
 30 - 1 &= 29 \\
 30 - 2 &= 28 \\
 30 - 3 &= 27 \\
 &\dots \\
 30 - 10 &= 20
 \end{aligned}$$

- Adding a 1-digit number to a 2-digit number e.g. $23 + 4 = 27$.



Tens	Ones
2	3 4 +
2	7

- Subtracting a 1-digit number from a 2-digit number e.g. $57 - 3 = 54$.



Tens	Ones
5	7 3 -
5	4

- Patterns of similar calculations.

$$\begin{array}{l} 3 + 5 = 8 \\ 13 + 5 = 18 \\ 23 + 5 = 28 \end{array}$$

$$\begin{array}{l} 9 - 6 = 3 \\ 19 - 6 = 13 \\ 29 - 6 = 23 \end{array}$$

Can you..?

- Can you explain how to solve $44 - 9$? Use Numicon shapes to help you.
- Can you explain how to solve $58 + 9$. Draw a number line to help you.