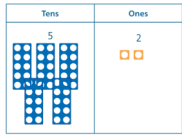


Maths - Year 2

Calculating 5: Adding and subtracting 1 and 10

Key Vocabulary

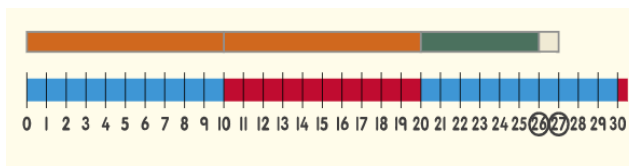
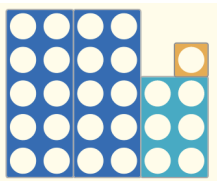
Subtract	Taking one amount from another.
Add	Combine two or more amounts or numbers to make a total.
Tens	Refers to the number of tens in a number e.g. on a place value grid. 
Whole tens/Tens numbers/multiples of 10	The result of multiplying a number by 10. Numbers in the ten times tables e.g. 10, 20, 30, 40, 50 etc.
Ones	Refers to how many ones in a number e.g. 34 has 3 tens 4 ones.
Altogether/together/total	The result of adding two or more amounts together.
Difference	The result of subtracting one amount from another.
Equals	The same in number or amount.
Digit	A symbol used to represent a number e.g. 24 has two digits and is called a 2-digit number.
Numeral	A symbol or group of symbols that represent a number.

Mathematical Skills

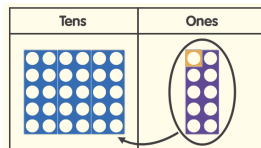
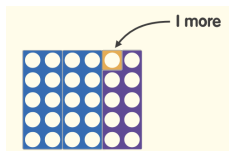
- Understand that adding 1 (to any whole number) gives the next number and that subtracting 1 (from any whole number) gives the previous number.
- Understand that, when adding or subtracting 1 to or from a 2-digit number, only the units change; the tens remain the same (unless subtracting from a multiple of 10 or adding to a number with 9 ones).
- Understand that, when adding or subtracting 10 to or from a 2-digit number, only the tens change; the units remain the same.
- Make a general statement when they have noticed something always happening.
- Organise work systematically.

Mathematical Methods

- Adding 1 to a 2-digit number e.g. There are 26 children in a class and one more child joins the class.

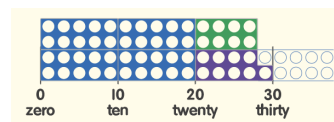


- Adding 1 to numbers before and after multiples of 10 e.g. There are 29 children in a class and one more child joins.

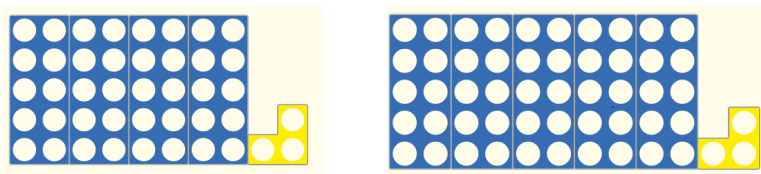


- Subtracting 1 from a 2-digit number e.g. Class 2 has 26 children but, today, one is absent. How many children are here today?

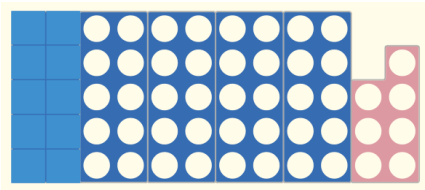
- Finding the difference e.g. between 28 and 29 children.



- Adding 10 to a 2-digit number e.g. $43 + 10 = 53$



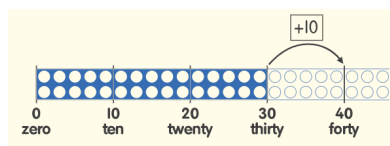
- Subtracting 10 from a 2-digit number e.g. $57 - 10 = 47$



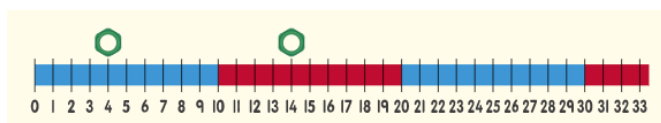
- Looking at a difference of 10 e.g. when finding the difference between 68 and 78, noticing that only the tens changes.

- Adding and subtracting multiples of 10 using empty box notation.

$$'30p + \square p = 40p'$$

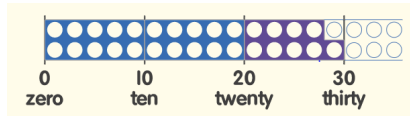
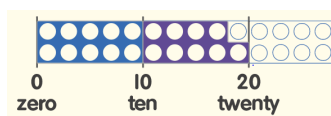


- Marking the pattern when adding and subtracting 10.



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

- Writing patterns of similar calculations e.g. Ben had 9p in his money box. His mum agreed that, for each day he made his bed, he could have 10p.



$$9p + 10p = 19p$$

$$19p + 10p = 29p$$

$$29p + 10p = 39p$$

Can you..?

- What number is 1 fewer than 56?
- I'm thinking of a number. 49 is 1 more than my number. What is my number?
- What number is 10 more than 62?