

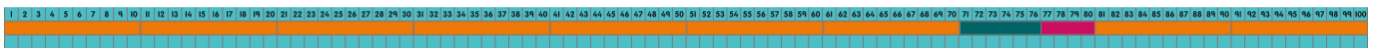
Maths - Year 3

Calculating 14: Using apparatus and imagery to support subtracting and introducing the written column method

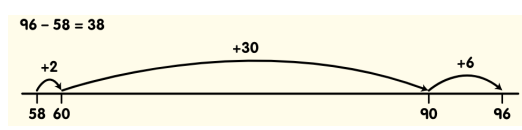
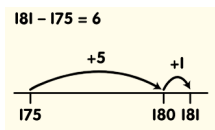
Key Vocabulary		Mathematical Skills
Inverse	The reverse or the opposite.	- Understand that that difference between two numbers can be calculated by adding or subtracting. - Can jot down the stages in calculating a subtracting problem. - Use knowledge of number relationships when deciding which method to use for subtracting. - Solve a subtracting problem using the column method.
Difference	The value of subtracting one number from another.	
Exchange/redistribution	Transferring a digit from one place value column to another.	
Partitioning	Splitting a number in different ways e.g. $27 = 20 \text{ tens and } 7 \text{ ones}$, $20 + 7$.	
Column method for subtracting	Written method for subtracting in which numbers are written in columns according to their value.	

Mathematical Methods

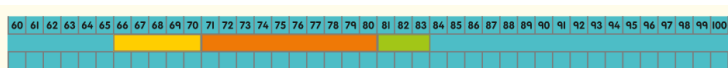
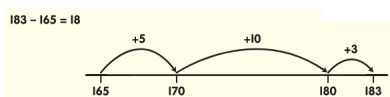
- Finding the difference between two numbers on a number line e.g. the difference between 76km and 100km.



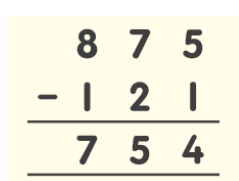
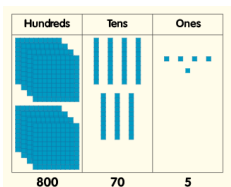
- Developing mental methods and imagery for subtracting using number lines to count on.



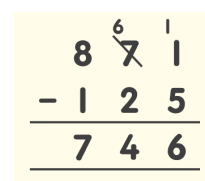
- Using imagery and apparatus to support mental methods of subtracting with 3 digit numbers that are close together.



- Using place value and partitioning to introduce the written column, followed by redistribution.



Written method with redistribution →



Can you..?

- Can you model two different ways to show $100 - 68$ on a number line?
- Jane had 82g of flour. She used 55g to bake a cake. How much flour is left?
- Can you solve $184 - 121$?

-	6	8
-	1	2
-	3	3
-	9	

- Fill in the missing numbers.