Subtraction Methods

Finding one less	How many are left?	Counting back	Counting up
To be used in conjunction with use of cubes or counting objects. For example: • There are 10 children. 1 goes out. How many are left? (Say together: 9 is 1 less than 10. 10 take away 1 is 9). • There were 5 baby birds in the nest, 1 flew off. How many are left? (say together: 4 is 1 less than 5. 5 take away 1 is 4).	Say how many are left when some are taken away, but counting how many are left. For example: • We ate 2 out of our 6 jellies. How many jellies are left? (Count: 1, 2, 3, 4, 5. Take away 1, 2 … 1, 2, 3, 4 left. Say together: 6 take away 2 is 4). • You have 10 pennies. Spend 3 pennies. How much do you have left? (Count 1, 2, 3, 4, 5, 6, 7, 8, 10. Take away 1, 2, 3 … 1, 2, 3, 4, 5, 6, 7 left/ Say together: 10 take away 3 is 7).	• We made 6 mince pies. We ate two of them. How many pies are left? (Count back 2 from 6: 5, 4. Say together: 6 take away 2 is 4). • You have 8 pennies. Spend 3 pennies. How much do you have left? (Count back from 3 from 8: 7, 6, 5. Say together 9 take away 3 is 5).	• There were 8 books on the shelf. There are only 5 books now. How many have gone? (Count up from 5 to 8: 6, 7, 8 … and say 3. Say together: 5 add 3 is 8, 8 take away 3 is 5). • Recognise when counting up is appropriate e.g. 23 – 19 would be a good example of when to use it, 39 – 18 would not.

Knowing vocabulary	Subtraction facts	Complementary addition – Number line	Compensation - Number Line or horizontal

Understand and use in practical contexts: take away, subtract, how many are left, how much less is than … difference between, how much more is … than … how many more to make … and read and write the minus (-) sign.
Understand subtraction as:
• Taking away
• Finding the difference between
• How many more to make
	Know by heart all pairs of numbers that total 10 (later on develop to 20, or if struggling start with 5.)
	For example, rapidly:
	• How many more make 10?
	• Say how many more counters are needed to make 10 altogether
	• Say how many steps must be taken to get from 4 to 10 on a number line, or from 10,
	• Put numbers in the boxes to make 10: 6 + ? = 10
		Counting from the smaller to the larger number
		
		84 - 56
		
		+4 +20 +4
		
		56 60 80 84
			Round down to the nearest multiple of 10, 100 or 1000 and then do the inverse to readjust.
			
			- 400
			+44
			
			383 783
			
			783 – 356 = 783 – 400 = 383
			             = 383 + 44
			             = 427

Decomposition	Standard written method		

754 = 700 + 50 + 4
- 86   -   80 + 6
 	
700 + 40+ 14
           80 + 6
-
 	
600 + 140 + 14
- 600 + 60 + 8   =   668
	Sometimes called borrowing & carrying
	
	     5 13 16
	     6 4 6 7
	- 2 6 8 4
	     3 7 8 3		

Vocabulary:
Subtract, minus, take away, how many more, count on, difference, less than, inverse decrease