Addition & Subtraction Column Method

$$45864 + 23497 = 69361$$
$$1 1 1$$

Starting with the ones, add each column in turn. Regroup tens, hundreds, thousands, ten thousands and/or as required.

$$35742 - 3476 = 32266$$

Starting with the ones, subtract each column in turn. Exchange tens, hundreds, thousands and/or ten thousands as required.

Estimate

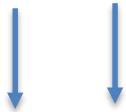**Rounding to Estimate:**

31,958+ 6,103=

31,000   **6,000**

31,000+ 6,000 = 37,000

Inverse Operations

Use the inverse to check:

53 476	
32 732	20 744

To check 53 476 – 32 732 = 20 744

use 32 732 + 20 744 = 53 476

Multistep Problems

£20		
£3.75	£8.49	?
£12.24		£7.76

£20 is used to buy 2 books costing £3.75 and £8.49.

How much change is given?

£3.75 + £8.49 = £12.24
£20.00 - £12.24 = £7.76

8   +   9   = 17

addend + addend = sum

17   -   9   =   8

minuend – subtrahend = difference

Vocabulary

add	To bring two or more numbers (or things) together to make a new total.
sum	The result of adding two or more numbers.
difference	The result of subtracting one number from another. E.g. the difference between 8 and 5 is 3.
subtract	To take one number away from another.
column addition/ subtraction	Addition/subtraction by writing one number below the other and then adding/subtracting one column at a time
estimate	To find a value that is close enough to the right answer.
inverse operations	The operation that reverses the effect of another operation.
addend	A number that is added to a number.
minuend	A number from which a another is subtracted.
subtrahend	A number subtracted from another.
exchange	Change a number or expression for another of an equal value.