



# YEAR 5 – Addition (+) and Subtraction (-) Knowledge Organiser



Mental Strategies for Addition and Subtraction; Add and Subtract whole numbers more than 4-digits, Round to check answers; Inverse Operations; Multi-Step addition and subtraction problems; Missing Number Problems

## Addition

## Subtraction



## Addition

add          plus  
more        make  
total        sum  
altogether

## Subtraction

subtract     minus  
less        take away  
less than    fewer  
difference



Addition and subtraction are used in every day life such as calculating money.

## Key Vocabulary

**Addition** – calculating the total of two or more numbers.

**Subtraction** – taking one number or amount from another.

**Inverse** – the opposite operation e.g. subtraction is the inverse of addition.

**Equivalent** – equal.

**Ascending** – increasing in size, smallest to biggest.

**Descending** – decreasing in size, biggest to smallest.

## Column Addition and Subtraction

A way of carrying out a calculation where the numbers are written with each digit in the correct place value column.

It can make adding/subtracting big numbers easy!

	7	4	3	5	
+	2	4	5	6	

	7	3	1	5	
-	2	1	0	4	

## Using the Inverse

You can check an addition or subtraction answer by using the inverse (opposite).

	1	3	6	0
+	2	9	7	3
	4	3	3	3

To check this answer, we can do either:

$$4333 - 2973 =$$

$$\text{Or } 4333 - 1360 =$$