



Addition

The mathematical operation to find the **sum** of two or more numbers.

$$5,000 + 600 = 5,600$$

$$5,600 = 5,000 + 600$$



Subtraction

The mathematical operation in which the difference between numbers is found.

Subtraction is reducing one number by another.

$$8,500 - 100 = 8,400$$

$$8,400 = 8,500 - 100$$



Equals

Equals means the **same amount**.

The symbol shows that two expressions or two values are equal.



Column Method

The column method can be an **efficient method** for addition and subtraction calculations.

$$\begin{array}{r} + 4124 \\ + 2341 \\ \hline 6465 \end{array}$$

The numbers are written beneath each other.

$$\begin{array}{r} \\ - 4\cancel{1}24 \\ \\ \hline 2083 \end{array}$$

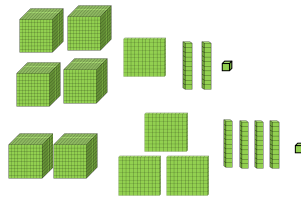
Method

There are different ways you could choose to solve calculations. These are called **methods**.

Equipment

Column

$$\begin{array}{r} + 4121 \\ + 2341 \\ \hline 6462 \end{array}$$



Partition mentally

$$4,000 + 2,000 = 6,000$$

$$100 + 300 = 400$$

$$20 + 40 = 60$$

$$1 + 1 = 2$$

Efficient

Working in a way without wasting time.

$$1,000 + 1,000 =$$

An **efficient** way of adding the calculation would be to use our **knowledge of known facts**, rather than column addition.

Rounding

Making a number simpler but keeping the value close to what it was.
This can help us to **estimate** calculations.

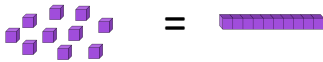
4,367 rounds down to **4,000** which is the nearest 1,000.

4,867 rounds up to **5,000** which is the nearest 1,000.

Exchange

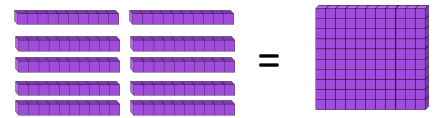
Changing one thing for another.

10 ones for 1 ten

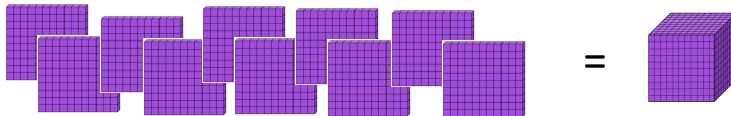


You can exchange:

10 tens for 1 hundred



10 hundreds for 1 thousand



Sum

The total after adding 2 or more numbers.

The sum of 245 and 1,000 is 4,245.

Inverse Operations

This can mean the opposite/ reversing.

The **inverse** of addition is subtraction.

The **inverse** of subtraction is addition.

$$7,422 + 5 = 7,427$$

$$7,427 - 5 = 7,422$$

Addition & Subtraction Year 4

+

Addition

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Addition & Subtraction Year 4

Column Method

The column method can be an **efficient method** for addition and subtraction calculations.

$$\begin{array}{r}
 + 4124 \\
 + 2341 \\
 \hline
 6465
 \end{array}
 \qquad
 \begin{array}{r}
 \text{The numbers are written beneath each other.} \\
 - 4124 \\
 \hline
 2041 \\
 \hline
 2083
 \end{array}$$

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Addition & Subtraction Year 4

Subtraction

The mathematical operation in which the difference between numbers is found.

Subtraction is reducing one number by another.

$$8,500 - 100 = 8,400 \qquad 8,400 = 8,500 - 100$$

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Addition & Subtraction Year 4

Method

There are different ways you could choose to solve calculations. These are called **methods**.

Equipment

Column

$$\begin{array}{r}
 + 4121 \\
 + 2341 \\
 \hline
 6462
 \end{array}$$

Partition mentally

$$\begin{array}{l}
 4,000 + 2,000 = 6,000 \\
 100 + 300 = 400 \\
 20 + 40 = 60 \\
 1 + 1 = 2
 \end{array}$$

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Addition & Subtraction Year 4

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Addition & Subtraction Year 4

Inverse Operations

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The **inverse** of addition is subtraction.

The **inverse** of subtraction is addition.

$$7,422 + 5 = 7,427 \qquad 7,427 - 5 = 7,422$$

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Addition & Subtraction Year 4

Exchange

Changing one thing for another.

You can exchange:

10 ones for 1 ten

10 tens for 1 hundred

10 hundreds for 1 thousand

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Addition & Subtraction Year 4

Sum

The total after adding 2 or more numbers.

The sum of 245 and 1,000 is 4,245.

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| Year 4 – Addition & Subtraction Vocabulary Assessment <small>masterthecurriculum.co.uk</small> | | | | | |
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| Addition | | Subtraction | | Equals | |
| Column Method | | Method | | Efficient | |
| Rounding | | Exchange | | Sum | |
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