

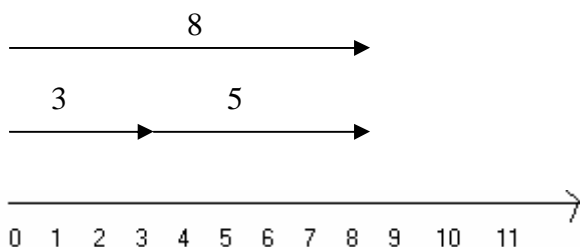
Subtraction of Whole Numbers

Subtraction is the process of finding the difference between two numbers.

We learn subtraction (as with addition) by counting.

*****	-	*****	=	*****
8		3		5
Minuend		Subtrahend		Difference

We can also show subtraction on the familiar number line.



You can readily see that addition and subtraction are related

$$\text{Subtrahend} + \text{Difference} = \text{Minuend}$$

$$3 + 5 = 8$$

You can use this fact to check you subtraction with addition.

Subtraction of Larger Numbers

To perform subtraction on larger numbers by arranging the numbers vertically (as in addition). Then subtract the numbers in each column.

Subtract 8955 – 2432

$$\begin{array}{r} 8955 \\ -2432 \\ \hline 6523 \end{array}$$

Subtraction with borrowing

If during the course of perform a subtraction on a large number, you are attempting to subtract a large number from a smaller number you must use borrowing.

Subtract $692 - 378$

$$\begin{array}{r} 692 \\ -378 \\ \hline \end{array}$$
 you can not subtract 8 from 2 so we need to borrow 1 ten from the 9 tens in the tens column leaving 8 tens and 12 ones.

$$\begin{array}{r} 81 \\ 692 \\ -378 \\ \hline 4 \end{array}$$
 $12 - 8 = 4$

$$\begin{array}{r} 81 \\ 692 \\ -378 \\ \hline 14 \end{array}$$
 $8 - 7 = 1$

$$\begin{array}{r} 81 \\ 692 \\ -378 \\ \hline 314 \end{array}$$
 $6 - 3 = 3$

When do we use Subtraction? There are many key words that lead us to perform subtraction.

Subtraction Key Words

Minus	8 minus 5	$8 - 5$
Less	9 less 3	$9 - 3$
Less than	2 less than 7	$7 - 2$
The difference between	the difference between 8 and 2	$8 - 2$
Decreased by	5 decreased by 1	$5 - 1$