



# Addition - Without carry over



**Revision :** Addition of single-digit numbers.

Units	Units
$+$ 	4
$+$ 	2
	6

There are 4 units. We write them in the units place. 2 are also units. We write them too in the units place. On adding them we get 6 units. So we write 6 in the units place.

5 + 3
Units

6 + 2
Units

5 + 4
Units

4 + 4
Units

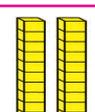
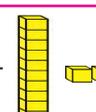
3 + 6
Units

**Addition of two-digit numbers :**

$$23 + 12 = ?$$

Tens	Units	Tens	Units	
$+$ 		2	3	
		+	1	2
		3	5	

$$\begin{array}{r}
 2 \text{ Tens } 3 \text{ Units} \\
 + 1 \text{ Ten } 2 \text{ Units} \\
 \hline
 3 \text{ Tens } 5 \text{ Units}
 \end{array}$$

		+			→	<input type="text"/> Tens	<input type="text"/> Units
						<input type="text"/> Tens	<input type="text"/> Units
						<input type="text"/> Tens	<input type="text"/> Units

Tens	Units
2	3
+	3
5	5

Tens	Units
2	4
+	3
2	7

Tens	Units
1	2
+	3
4	8

Tens	Units
4	7
+	4
8	8



- Carry out the following additions.

T	U	T	U	T	U	T	U	T	U
1	2	1	5	2	4	1	6	3	7
+ 1	3	+ 1	2	+	5	+ 2	3	+	2

- Write 'T' for tens and 'U' for units and carry out the additions.

T	U								
1	5	1	2	1	7	3	3	1	7
+ 2	1	+ 3	5	+ 2	2	+ 1	6	+ 3	2

2	3	5	2	1	8	4	4	6	1
+ 3	6	+ 2	0	+ 3	0	+ 1	4	+ 2	4

- Make your own examples of addition and solve them.

+		+		+		+		+	

