



Addition - Without carry over



Revision : Addition of single-digit numbers.

Units	Units
$+$ 	$+$

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

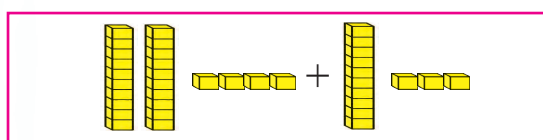
3 + 6
Units

Addition of two-digit numbers :

$$23 + 12 = ?$$

Tens	Units	Tens	Units
$+$ 	 	$+$	

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



$$\begin{array}{r}
 \boxed{} \text{ Tens } \boxed{} \text{ Units} \\
 + \boxed{} \text{ Tens } \boxed{} \text{ Units} \\
 \hline
 \boxed{} \text{ Tens } \boxed{} \text{ Units}
 \end{array}$$

Tens	Units
2	3
$+$ 3	2
5	5

Tens	Units
2	4
$+$	3
2	7

Tens	Units
1	2
$+$ 3	6
4	8

Tens	Units
4	7
$+$ 4	1
8	8



- Carry out the following additions.

T	U
1	2
+ 1	3

T	U
1	5
+ 1	2

T	U
2	4
+	5

T	U
1	6
+ 2	3

T	U
3	7
+	2

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

T	U
1	5
+ 2	1

1	2
+ 3	5

1	7
+ 2	2

3	3
+ 1	6

1	7
+ 3	2

2	3
+ 3	6

5	2
+ 2	0

1	8
+ 3	0

4	4
+ 1	4

6	1
+ 2	4

- Make your own examples of addition and solve them.

+	

+	

+	

+	

+	

