

Addition of Two 2-digit Numbers (without carry over)

Example

Add 12 and 15.

T	O
1	2
+ 1	5
2	7

Method :

Step 1 : Write the tens digit below tens' column and the ones digit below ones' column.

Step 2 : First, add the ones together and write below ones' column.

$$2 \text{ ones} + 5 \text{ ones} = 7 \text{ ones}$$

Step 3 : Then, add the tens together and write below tens' column.

$$1 \text{ ten} + 1 \text{ ten} = 2 \text{ tens}$$

Ans. 27

Exercise

Add the following.

T	O
3	5
+ 1	2
4	7

T	O
1	3
+ 2	5
3	8

T	O
5	4
+ 3	2
8	6

T	O
4	2
+ 3	5
7	7

T	O
2	3
+ 2	0
4	3

T	O
4	4
+ 2	2
6	6

T	O
2	5
+ 3	3
5	8

T	O
5	5
+ 2	2
7	7

T	O
7	2
+ 2	0
9	2

T	O
6	0
+ 2	0
8	0

T	O
3	3
+ 1	1
4	4

T	O
7	9
+ 2	0
9	9

T	O
7	6
+ 1	1
8	7

T	O
9	5
+ 0	2
9	7

T	O
8	5
+ 1	0
9	5

Example 2 Add 13, 24 and 35.

	T	O
①		
1	3	
2	4	
+	3	5
	7	2

Step 1 : Add the ones together.

$$3 \text{ ones} + 4 \text{ ones} + 5 \text{ ones} = 12 \text{ ones}$$

$$12 \text{ ones} = 10 \text{ ones} + 2 \text{ ones}$$

$$= 1 \text{ ten} + 2 \text{ ones}$$

Write 2 under ones' column and carry over 1 ten to the tens' column.

Step 2 : Add the tens together including the carry over.

$$1 \text{ ten} + 2 \text{ tens} + 3 \text{ tens} + 1 \text{ ten (carry over)}$$

$$= 7 \text{ tens}$$

Write 7 under tens' column.

Ans. 72

HW
28.6.21

Exercise

Add the following by regrouping.

	T	O
①		
8	6	
+	1	5
	10	1

	T	O
①		
4	7	
+	4	5
	9	2

	T	O
①		
3	5	
+	4	6
	8	1

	T	O
①		
7	5	
+	1	5
	9	0

	T	O
①		
7	5	
+	1	6
	9	1

	T	O
①		
5	7	
+	1	3
	7	0

	T	O
①		
3	9	
+	2	7
	6	5

	T	O
①		
5	8	
+	1	8
	7	6

	T	O
①		
5	5	
+	0	7
	6	2

	T	O
①		
1	9	
+	1	7
	3	5

	T	O
①		
4	3	
1	4	
+	2	3
	8	0

	T	O
①		
2	3	
3	5	
+	3	6
	9	4

	T	O
①		
1	4	
4	5	
+	2	7
	8	5

	T	O
①		
2	2	
5	5	
+	1	4
	9	1

	T	O
①		
3	8	
1	4	
+	2	2
	7	4