

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	

$$\begin{array}{r} \textcircled{1} \\ 13 \\ 24 \\ + 35 \\ \hline 72 \end{array}$$

12 ones = 10 ones + 2 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 ten + 2 tens + 3 tens + 1 ten (carry over)
= 7 tens

Write 7 under tens' column.

Ans. 72

Exercise

Add the following by regrouping.

$$\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 86 \\ + 15 \\ \hline 101 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 47 \\ + 45 \\ \hline 82 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 35 \\ + 46 \\ \hline 81 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 75 \\ + 15 \\ \hline 90 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 75 \\ + 16 \\ \hline 91 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 57 \\ + 13 \\ \hline 70 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 39 \\ + 27 \\ \hline 96 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 58 \\ + 18 \\ \hline 76 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 55 \\ + 07 \\ \hline 63 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 19 \\ + 17 \\ \hline 36 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 43 \\ 14 \\ + 23 \\ \hline 80 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 23 \\ 35 \\ + 36 \\ \hline 94 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 14 \\ 45 \\ + 27 \\ \hline 86 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 22 \\ 55 \\ + 14 \\ \hline 91 \end{array}$$

$$\begin{array}{r} \text{T O} \\ \textcircled{1} \\ 38 \\ 14 \\ + 22 \\ \hline 74 \end{array}$$