Addition

Revision: Addition is putting together and counting. To add means to combine. The sign of addition is '+' (plus). The answer we get after adding is called the sum.

1. The sum obtained upon addition of 2 or more numbers remains the same even after changing their order.

24 + 32 = 56Example

32 + 24 = 562. The sum obtained after adding 0 to any number is the number itself.

97 + 0 = 97Examples 48 + 0 = 48

3. The sum obtained after adding 1 to any number is the next number, also called the successor of that number.

Examples 83 + 1 = 84

51 + 1 = 52

Exercise

By actual calculation, prove that the sum of the following remain same after 1. reversing the order.

(a) 32 + 45 = 77 (b) 95 + 21 - 1/6 (c) 125 + 3 - 120 (d) 29 + 39 = 68

Add the following: 21+95=16 3+125=128 39+29=68

(a) 83 + 0 = 8 (b) 94 + 0 = 99 (c) 21 + 0 = 2 (d) 45 + 0

Find the successors of the following: 3.

(a) 25 + 1 = 10 (b) 39 + 1 = 40 (c) 123 + 1 = 124 (d) 145 + 1 = 146 (e) 44 + 1 = 45

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

Example

Add 12 and 15.

T 0
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 ones + 5 ones = 7 ones

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

1 ten + 1 ten = 2 tens

Ans. 27

Exercise

Add the following.

