

## Operations on Whole Numbers Ex 4.2 Q3

## Answer:

(i) 8 7 6 - \* 3 \* 6 \* 7

Here, we can we see that in the units digit, 6-\*=7, which means that the value of \* is 9, as 1 gets carried from 7 at tens place to 6 at unit place and 6 at unit digit becomes 16 then 16-9=7. Now, when 7 gives 1 to 6, it becomes 6, so 6-3=3.

Also, it can be easily deduced that in (8 - \* = 6), the value of \* is 2.

876 - 239 637

(ii)

Here, it is clear that in the units place, 9-4=5; and in the tens place, 8-3=5. We can now easily find out the other missing blanks by subtracting 3455 from 8989.

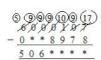
8989 - 3455 5534

Addend (difference) = 3455

Thus, the correct answer is :

8989 - <u>5534</u> 3455

(iii)



Here, in the units digit, 17-8=9; in the tens digit, 9-7=2; in the hundreds place, 10-9=1; and in the thousands place, 9-8=1.

Addend difference = 5061129

So, in order to get the addend, we will subtract 5061129 from 6000107.

6 0 0 0 1 0 7 - 5 0 6 1 1 2 9 0 9 3 8 9 7 8 Thus, the correct answer is:

6000107

- 0 9 3 8 9 7 8 5 0 6 1 1 2 9

(iv)

In the units place, 10 - 1 = 9. Also, in the lakes place, 9 - 0 = 9. So, clearly the addend (difference) is 9.70429.

To find out the other addend, we will subtract 970429 from 1000000.

Thus, the correct answer is:

(V)



Here, in the units digit, 13-7=6; in the tens digit, 9-8=1; in the hundreds place, 9-9=0; and in the thousands place, 10-6=4.

Addend (difference ) = 4844016

So, to get the other addend, we will subtract 4844016 from 5001003.

Thus, the other addend is 156987.

The correct answer is:

(vi)



It is clear from the units place that 11 - 9 = 2. So, the addend (difference) is 54322. So, to get the other addend, we will subtract 54322 from 111111.

Thus, the other addend is 56789.

The correct answer is: