Operations on Whole Numbers Ex 4.2 Q1

Answer :

(i) It can be seen that diagonally, 13 + 12 + 11 = 36.

Thus,

Number in the first cell of the first row = 36 − (8 + 13) = 15

Number in the first cell of the second row = 36 − (15 + 11) = 10

Number in the third cell of the second row = 36 − (10 + 12) = 14

Number in the second cell of the third row = 36 − (8 + 12) = 16

Number in the third cell of the third row = 36 − (11 + 16) = 9

15	8	13
10	12	14
11	16	9

(ii) It can be seen that diagonally, 20 + 19 + 18 + 17 + 16 = 90.

Thus,

Number in the second cell of the first row = 90 − (22 + 6 + 13 + 20) = 29

Number in the first cell of the second row = 90 − (22 + 9 + 15 + 16) = 28

Number in the fifth cell of the second row = 90 − (28 + 10 + 12 + 19) = 21

Number in the fifth cell of the third row = 90 − (9 + 11 + 18 + 25) = 27

Number in the fifth cell of the fourth row = 90 − (15 + 17 + 24 + 26) = 8

Number in the second cell of the fifth row = 90 − (29 + 10 + 11 + 17) = 23

Number in the third cell of the fifth row = 90 − (6 + 12 + 18 + 24) = 30

22	29	6	13	20
28	10	12	19	21
9	11	18	25	27
15	17	24	26	8
16	23	30	7	14

Operations on Whole Numbers Ex 4.2 Q2

Answer :

(i) 57839 - 2983 = 54856
Verification: 54856 + 2983 = 57839

(ii) 92507 - 10879 = 81628
Verification: 81628 + 10879 = 92507

(iii) 400000 - 98798 = 301202
Verification: 301202 + 98798 = 400000

(iv) 5050501 - 969696 = 4080805
Verification: 4080805 + 969696 = 5050501

(v) 200000 - 97531 = 102469
Verification: 102469 + 97531 = 200000

(vi) 3030301 - 868686 = 2161615
Verification: 2161615 + 868686 = 3030301

********** END **********