

Advanced_Grade-3_Addition and Subtraction Mental Strategies to Add and Subtract

1. There is a square 3×3 division. The numbers from 1 to 8 are filled in the divisions in such a way that the sum of the three numbers in each line (vertically, horizontally and diagonally) is 15. This square is called Magic Square of numbers 1 to 8 with sum 15.

8	3	4
1	5	9
6	7	2

2. Complete the four magic squares by filling the proper numbers in the blanks and some other magic squares may also be formed:

(i) 2 – 10, to make a sum of 18

	6	
7	2	9

(ii) 3 – 11, to make a sum of 21

6	11	4
	3	

3. Read the following sentences. The result of each is same.

(i) Taking out 3 from 5, how much will be left?



(ii) What will be the result after subtracting 3 from 5?

(iii) What should be added to 3 to get 5?

(iv) What is the difference between 5 and 3? The result is the same.

Is the result the same for the following questions? If yes, then what is the result?

(i) Deduct 16 from 29, how much is left?

(ii) Subtract 26 from 39, find the result

(iii) What should be added to 17 to get 30?

(iv) What is the difference between 43 and 30?