

Chapter - 4

Place value

Worksheet

1. Find the place value of 7 in the following numbers:

(i) $7531 - 7000$

(ii) $5731 - 7000$

(iii) $5371 - 70$

(iv) $5137 - 7$

2. Find the place value of the digits whose position are in thousands place in the following numbers:

(i) $26307 - 6000$

(ii) $58407 - 8000$

(iii) $365219 - 5000$

(iv) $123456 - 3000$

3. Write the number in the following:

(i) Digit at ten thousands place - $6, 18, 923 - 1$

(ii) Digit at thousands place - $9, 86, 507 - 6$

4. Find the sum of the place values of 5 in the following numbers:

(i) $3515 - 500 + 5 = 505$

(ii) $52105 - 50,000 + 5 = 50,005$

- (iii) $61655 - 50 + 5 = 55$
 (iv) $52545 - 50,000 + 500 + 5 = 50,505$
 (v) $50005 - 50,000 + 5 = 50,005$
 (vi) $525250 - 5,00,000 + 5,000 + 50 = 5,05,050$
 (vii) $55348 - 50,000 + 5,000 = 55,000$
 (viii) $52756 - 50,000 + 50 = 50,050$

5. The product of the place values of two 5's in 75352 is.

- (a) 2500 (b) 25 (c) 25000 (d) 250000 ✓

6. What is the difference of the place value and face value of 2 in 829?

place value : 20

Face value : 2

$$\text{Difference} = 20 - 2 = 18$$

7. The product of the place values of two 2's in 420721

- (a) 4 (b) 40000 (c) 400000 ✓ (d) 40000000

8. Find the difference between the place values of 3 and 5 in the number 3945.

place value of 3 : 3000

place value of 5 : 5

$$\text{Difference} = 3000 - 5 = 2995$$

9. In the number 40562,

(i) The local value of 5 = 500

(ii) The place value of 6 = 40,000

(iii) The sum of the place value of 5 and the place value of 6 = 40,500

10. Find the difference in the place values of two sevens in the number 8,72,574.

place value of 7 = 70,000

place value of 7 = 70

$$\text{Difference} = 70,000 - 70 = 69,930$$

11. Write the smallest number which is just more than 9,99,999.

10,00,000

12. Starting from the greatest 5-digit number, write the previous five numbers in descending order.

99999, 99998, 99997, 99996, 99995, 99994

13. Start from the smallest 7-digit number, write the next four numbers in ascending order.

1000000, 1000001, 1000002, 1000003, 1000004

14. How many numbers lie between the largest 3-digit number and the smallest 4-digit number?

1

15. How many five-digit numbers are there in all?

90,000

16. Form a number with:

(i) 6 at hundreds place : 32,620

3 at lakhs place : 3,49,250

8 at thousands place : 9,28,264

0 at tens place : 10,24,201

1 at ten thousands place : 76,10,493

9 at ones place : 6,409

(ii) 4 at tens place : 96,744

3 at thousands place : 3,999

8 at ten thousands place : 1,67,85,432

5 at lakhs place : 7,15,94,792

6 at hundreds place : 9,62,602

7 at ones place : 92,987

17. Find the difference between the place value and face value of 7 in the number 234728.

place value : 700

face value : 7

Difference : $700 - 7 = 693$

18. Find the difference between the place values of 8 in following numbers:

(i) $8248 - 8,000 - 8 = 7,992$

(ii) $888 - 80 - 8 = 72$

(iii) $88315 - 80,000 - 8,000 = 72,000$

(iv) $28080 - 8,000 - 80 = 7,920$

19. In the following numbers, find the digit which has the greatest place value:

(i) $2719 : 2$

(ii) $720345 : 7$

(iii) $9830 : 9$

(iv) $40736 : 4$

20. In the following numbers, find the digit which has the smallest place value:

(i) $2719 : 9$

(ii) $720345 : 5$

(iii) $9830 : 0$

(iv) $40736 : 6$