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1.Fill in the blanks :
(i) In 20 kg, the unit is ………….., which is taken …………. times.
(ii) In 80 m, the unit is …………., which is taken …………. times.
(iii) If a unit cm (centimetre) is taken 5 times, the corresponding quantity is
…………….
(iv) If a unit km (kilometre) is taken 24 times, the corresponding quantity is
……………
(v)

Number	Numeral	Numeration
(a) …. 53…..	………..	……………..
(b) ……………	…..9……….	………….....
(c) …..240……	………….	………………

Solution:
(i) In 20 kg, the unit is Kg, which is taken 20 times.
(ii) In 80 m, the unit is m, which is taken 80 times.
(iii) If a unit cm (centimetre) is taken 5 times, the corresponding quantity is 5 cm.
(iv) If a unit km (kilometre) is taken 24 times, the corresponding quantity is 24 km.
(v)

Number	Numeral	Numeration
(a) 53	53	Fifty three
(b) 9	9	Nine
(c) 240	240	Two hundred forty

2. Fill in the blanks :
(i) In 24,673, the place value of 6 is ………..
(ii) In 8,039, the place value of 8 is …………..
(iii) In 3,25, 648, the local value of 5 is ……………
(iv) In 6,439, the local value of 6 is ……….
Solution:
(i) In 24, 673, the place value of 6 is 6×100
= 600
(ii) In 8, 039, the place value of 8 is 8×1000
= 8000
(iii) In 3, 25, 648, the local value of 5 is 5×1000
= 5000
(iv) In 6, 439, the local value of 6 is 6×1000
= 6000

3. Find the difference between the place values of 3 and 5 in the number 3945.
Solution:
Place value of 3 in 3945 is 3000
Place value of 5 in 3945 is 5
Difference between them = 3000 – 5
= 2995
Hence, the difference between the place value of 3 and 5 in the number 3945 is 2995

4. In the number 40562
(i) the local value of 5 = …………..
(ii) the place value of 6 = ………..
(iii) the sum of the place value of 5 and the place value of 6 = …………
Solution:
(i) The local value of 5 = 500
(ii) The place value of 6 = 60
(iii) The sum of the place value of 5 and the place value of 6 = 500 + 60
= 560

5.Read and write the following numbers in words and also in expanded form :
(i) 35,000 = …………
(ii) 76,000 = ……………
(iii) 6,23,000 = ………….
(iv) 40,075 = …………….
(v) 50,004 = ………..
Solution:
(i) 35,000 = Thirty five thousands
$3 \times 1000 + 5 \times 1000$
(ii) 76, 000 = Seventy six thousands
$7 \times 10000 + 6 \times 1000$
(iii) 6, 23, 000 = Six lakhs twenty three thousands
$6 \times 100000 + 2 \times 10000 + 3 \times 1000$
(iv) 40, 075 = Forty thousand seventy five
$4 \times 10000 + 7 \times 10 + 5 \times 1$
(v) 50, 004 = Fifty thousand four
$5 \times 10000 + 4 \times 1$

6. Find the difference in the place values of two sevens in the number 8, 72, 574.
Solution:
In the number 8, 72, 574 the first 7 occurs at thousand place

Its place value is 70000
The second 7 occurs at tens place
Its place value is 70
The difference of the two place value of 7 = 70000 – 70
= 69930
Hence, the difference in the place value of two 7 in number 872574 is 69930

1. Fill in the blanks :
(i) 999 + 1 = …………
(ii) 10,000 – 1 = …………
(iii) 10 coins – one coin = …………
(iv) ₹ 99 + ₹ 1 = ………..
(v) 10,000 boys – 1 boy = ………..
Solution:
(i) 999 + 1 = 1,000
(ii) 10,000 – 1 = 9,999
(iii) 10 coins – one coin = 9 coins
(iv) ₹ 99 + ₹ 1 = ₹ 100
(v) 10,000 boys – 1 boy = 9,999 boys

2. Would the number of students in your school be a 3-digit number or a 4-digit
number or a 5-digit number?
Solution:
Number of students varies from one school to another school
The total strength of our school is 4410
Hence, it is a 4-digit number

3.Write the smallest number which is just more than 9, 99, 999.
Solution:
Given number = 9, 99, 999
Smallest number which is more than 1 is
9, 99, 999 + 1 = 10, 00, 000
10, 00, 000 is the smallest number which is just more than 9, 99, 999

4. Starting from the greatest 5-digit number, write the previous five numbers in
descending order.
Solution:
Greatest 5-digit number = 99, 999
The previous five digit numbers in descending order are 99, 999 > 99, 998 > 99, 997 >
99, 996 > 99, 995 > 99, 994

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

Solution:
Smallest 7-digit number = 10, 00, 000
The next four numbers in ascending order are 10, 00, 001 < 10, 00, 002 < 10, 00, 003 < 10, 00, 004.

6.How many numbers lie between the largest 3-digit number and the smallest 4-digit number?
Solution:
Largest 3-digit number = 999
Smallest 4-digit number = 1000
Required number = (1000 – 999)
= 1
Therefore 1 lies between the largest 3-digit number and the smallest 4-digit number.

7.How many 5-digit numbers are there in all?
Solution:
Largest 5-digit number = 99999
Largest 4-digit number = 9999
Required number = 99999 – 9999
= 90, 000
Hence, 90, 000 numbers are there in all