Chapter- 1

Revision

STUDY NOTES

5-digit numbers:

Smallest 5–digit number = 10,000

Greatest 5–digit number = 99,999

Place Value Chart

	Thousands period		Ones period		
	TTh	Th	H	T	O
Smallest 5–digit number =	1	0	0	0	0
Greatest 5–digit number =	9	9	9	9	9

TTh = Ten Thousand
Th = Thousand
H   = Hundred
T   = Two
O   = One

Number Name of 4- and 5-digit Numbers:

4,678 = Four thousand six hundred seventy eight

13,573 = Thirteen thousand five hundred seventy three

Common error – Four thousand (✓), four thousands (×)

Expanded form of 4- and 5-digit numbers:

2,438 = 2,000 + 400 + 30 + 8 =

49,630 = 40,000 + 9,000 + 600 + 30

(Note: Always use a comma while writing large numbers. By using a comma we will easily readout the numbers. Remember comma divide every period)

Place Value:

a. Write the place value of '3' in 4,973.

Ans. 3 is in ones place.

So, the place value of 3 = 3

b. write the place value of '5' in 85,738

Ans. 5 is in thousand place.

So, the place value of 5 = 5,000

Comparing numbers:

a. 5,895   <   58,895

b. 86,789   >   9,845

(Note: while comparing the numbers remember few rules-
1-How many digits are there in both numbers
2-Number with more number of digits will be greater.
3-Always see the left side number while comparing.
4-If both the numbers have the same digits, then start comparing the digits from the extreme left. Stop when you see different digits. At this stage, the number with a greater digit is greater.)

Common error - 5,895 > 58,895 (×), 5,895 < 58,895 (✓)
86,789 < 9,845(×), 86,789 > 9,845 (✓)

Ascending and descending order:

Re-write the following numbers in ascending order. (Ascending = smaller to bigger)

a. 5,175,   57,575,   55,775,   775

Ans. 775,   5,175,   55,775,   57,575

Re-write the following numbers in descending order. (Descending = bigger to smaller)

b. 94,567,   84,132,   34,567,   42102.

Ans. 94,567,   84,132,   42,102,   34,567

(Note: Before doing ascending and descending compare all numbers thoroughly)

Successor and Predecessor:

Successor of 49,561

Ans. Successor of 49,561 = 49,561 + 1 = 49,562

Predecessor of 58,458

Ans. Predecessor of 58,458 = 58,458 – 1 = 58,457

[Note: Successor - after number (+1), Predecessor – before number (-1)]

Make Numbers Using the Digits:

a. Write the smallest number using the 4, 1, 6, 7, 2 (use each digit only once).

Ans. 12,467

b. Write the greatest number using the 5, 3, 5, 0, 3 (use each digit only once).

Ans. 55,330

Common error - Write the smallest number using the 4, 0, 6, 7, 2 (use each digit only once) 02,467 (×), 20,467 (✓)

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