

Jender Heart High School, Sec 33B, Chandigarh

Class - V

Date - 08.04.24

Subject - Mathematics

Teacher - Ms. Sushma

Ch-1 Large Numbers.

- The ten digits in the number system are 0, 1, 2, 3, 4, 5, 6, 7, 8, 9.
- 0 is the smallest 1-digit number.
- 9 is the largest 1-digit number.

No. of digits	Smallest Counting Number	Largest Counting Number
1	1	9
2	10	99
3	100	999
4	1000	9999
5	10000	99999
6	100000	999999
7	1000000	9999999
8	10000000	99999999
9	100000000	999999999

Place Value Chart :->

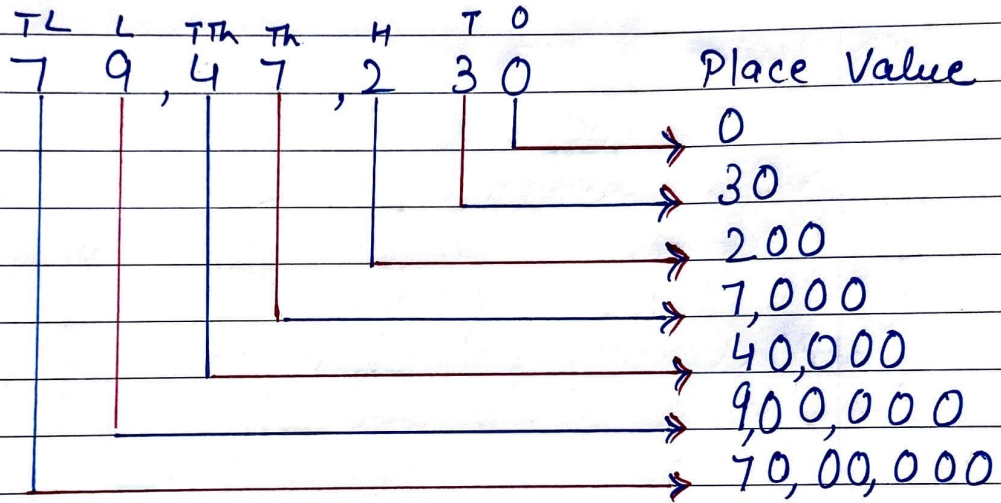
Periods ->	Crores Period		Lakhs Period		Thousands Period		Ones Period		
Places ->	Ten Crores	Crores	Ten Lakhs	Lakhs	Ten Thousands	Thousands	Hundreds	Tens	Ones
	TC	C	TL	L	TTK	TK	H	T	O

- While writing large numbers, the digits of each period are separated using a comma.

eg:- 7947230 is written as 79,47,230

Place Value of a digit is the product of the digit and its place (Position in the place value Chart.)

eg! -

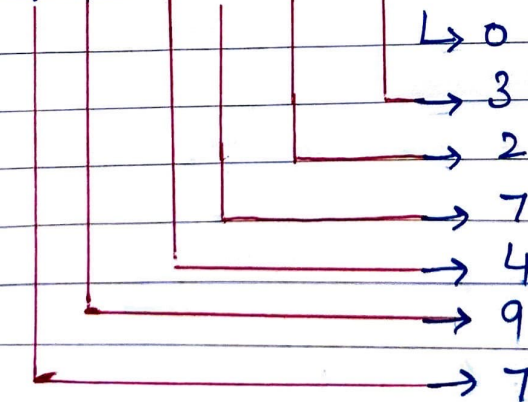


- Place value of '0' is always zero.
- The digits in the same period are read together.

Face Value of a digit is the digit itself.

eg:-

7	9	4	7	2	3	0	Face value
							↳ 0



- Expanded form of a number is the sum of the place values of its digits.

eg:- expanded form of 37,34,934 is $3 \times 10,00,000 + 7 \times 1,00,000 + 3 \times 10,000 + 4 \times 1000 + 9 \times 100 + 3 \times 10 + 4$

Checkpoint

- A. Write the given numbers with commas. Also write the numbers in words.

1. TL L TH TH HT O
17,78,468 → Seventeen lakh seventy-eight thousand four hundred sixty-eight.
2. TL L TH TH HT O
83,45,723 → Eighty-three lakh forty-five thousand seven hundred twenty-three.
3. TL L TH TH HT O
36,63,942 → Thirty-six lakh sixty-three thousand nine hundred forty-two.
4. TL L TH TH HT O
56,82,111 → Fifty-six lakh eighty-two thousand one hundred eleven.
5. TL L TH TH HT O
74,66,433 → Seventy-four lakh sixty-six thousand four hundred thirty-three.
6. TL L TH TH HT O
98,98,121 → Ninety-eight lakh ninety-eight thousand one hundred twenty-one.
7. TL L TH TH HT O
23,01,475 → Twenty-three lakh one thousand four hundred seventy-five.

8. $\overset{TL}{4} \overset{L}{8}, \overset{Th}{7} \overset{Th}{5}, \overset{H}{0} \overset{T}{6} \overset{O}{9} \rightarrow$ Forty-eight lakh seventy-five thousand sixty-nine.
9. $\overset{TL}{6} \overset{L}{9}, \overset{Th}{3} \overset{Th}{1}, \overset{H}{3} \overset{T}{2} \overset{O}{0} \rightarrow$ Sixty-nine lakh thirty-one thousand three hundred twenty.
10. $\overset{TL}{5} \overset{L}{8}, \overset{Th}{1} \overset{Th}{3}, \overset{H}{4} \overset{T}{0} \overset{O}{0} \rightarrow$ Fifty-eight lakh thirteen thousand four hundred.
11. $\overset{TL}{9} \overset{L}{9}, \overset{Th}{9} \overset{Th}{0}, \overset{H}{8} \overset{T}{8} \overset{O}{8} \rightarrow$ Ninety-nine lakh ninety thousand eight hundred eighty-eight.
12. $\overset{TL}{8} \overset{L}{0}, \overset{Th}{5} \overset{Th}{0}, \overset{H}{6} \overset{T}{2} \overset{O}{5} \rightarrow$ Eighty lakh fifty thousand six hundred twenty-five.

B. Write the number names.

1. $\overset{TL}{4} \overset{L}{9}, \overset{Th}{7} \overset{Th}{0}, \overset{H}{4} \overset{T}{0} \overset{O}{0} :$ Forty nine lakh seventy thousand four hundred.
2. $\overset{TL}{1} \overset{L}{0}, \overset{Th}{1} \overset{Th}{1}, \overset{H}{2} \overset{T}{3} \overset{O}{4} :$ Ten lakh eleven thousand two hundred thirty four.
3. $\overset{TL}{7} \overset{L}{2}, \overset{Th}{5} \overset{Th}{6}, \overset{H}{9} \overset{T}{4} \overset{O}{0} :$ Seventy two lakh fifty-six thousand nine hundred forty.
4. $\overset{TL}{6} \overset{L}{3}, \overset{Th}{0} \overset{Th}{0}, \overset{H}{5} \overset{T}{4} \overset{O}{4} :$ Sixty-three lakh five hundred forty-four.
5. $\overset{TL}{9} \overset{L}{5}, \overset{Th}{8} \overset{Th}{7}, \overset{H}{3} \overset{T}{6} \overset{O}{5} :$ Ninety-five lakh eighty-seven thousand three hundred sixty-five.

