

DELHI PUBLIC SCHOOL, JAMMU
(FOUNDATION WORKSHEET)

TOPIC- NUMBERS AND NUMERATION

CLASS V

SUBJECT: Mathematics

Do you remember:

Q1.(a) The largest 5- digit number is_____.

(b) The smallest 6- digit number is _____.

Q2. Write the numbers in figures:

a. Twenty three thousand one hundred ten_____.

b. Fifty thousand five hundred forty four_____.

c.Sixty eight thousand three hundred five_____.

d.One lakh thirty eight thousand four hundred_____.

Q3.Write the number names:

a.27,538 = _____

b.7,09,123 = _____

c.18,678 = _____

d.3,25,173 = _____

Q4. Write in expanded form:

a.43,345 = _____

b.67,193= _____

c.1,25,317 = _____

d.78,290 = _____

Q5.Write the place value of the underlined digit in each of the following numbers:

a.73,375 = _____

b.28,590 = _____

c.135,400 = _____

d.33,679 = _____

*Numbers beyond 9,99,999

*Greatest 6- digit number= 9,99,999

$9,99,999 + 1 = 10,00,000 =$ smallest 7- digit number.

*Now, Greatest 7- digit number = 99,99,999

$99,99,999 + 1 = 1,00,00,000 =$ smallest 8- digit number

* Greatest 8 - digit number= 9,99,99,999

$9,99,99,999 + 1 = 10,00,00,000 =$ smallest 9 - digit number

INDIAN PLACE VALUE SYSTEM

Periods	Crores		Lakhs		Thousands		Ones		
Places	TC	C	TL	L	TTh	Th	H	T	O
	1		5	7	2	1	3	6	9
	4								

14,57,21,369 = Fourteen crore fifty seven lakh twenty one thousand three hundred sixty nine.

In this system, there are nine places grouped into four periods.

Crores	Lakhs	Thousands	Ones
--------	-------	-----------	------

We start from the ones period and move left to the thousands periods, Lakhs period, and finally crores periods.

Q1. Write the numbers in words using Indian place value system

- a. 15,36,342
- b. 5,47,32,859
- c. 3,14,27,528
- d. 49,50,37,125

Q2. Write the following in figures

- Twenty five crore fifty three lakh forty two thousand one hundred thirty eight.
- Eight crore thirty four lakh twenty two thousand fifty seven.
- Thirty six crore sixty four lakh forty thousand twenty two.
- Seven crore fourteen lakh fifty one hundred seven

INTERNATIONAL PLACE VALUE SYSTEM

PERIODS	MILLION		THOUSANDS		ONES	
Places	HM	TM	HTh	TTh	H	T
	M		Th		0	
	5	4	2	0	1	6
			3		7	

45,203,167 = Forty five million two hundred three thousand one hundred sixty seven.

In the International system ,we have nine places grouped into three periods.

Millions	Thousan ds	Ones

We start from the ones period and move left to the thousands period and finally the millions period. Each period has three places.

PRACTICE

Q1 Write the numbers in words

- 346,289
- 29,468,099

- c. 457,390
- d. 30,579,100

Q2 Write the following in figures.

- a. Three million eight hundred fifty four thousand one hundred fifty nine.
- b. Eighty two million eighty six hundred forty thousand seven hundred eighty three
- c. Two hundred five million four thousand nine hundred ninety nine.

FACE VALUE AND PLACE VALUE

*Face value of a digit in a number is the digit itself, whatever place it occupies in the place value chart.

*Place value of a digit in a number = Face Value X Value of the place it occupies in the place value chart.

e.g. 172,348

Face Value of 7 = 7

Place Value of 7 = 70,000

Q1. Find the place value of

- a. 3 in 3,49,180
- b. c. 5 in 8,06,25,320
- c. 6 in 6,82,34,190
- d. d.7 in 20,07,06,111

Q2. Find the product of the place value and face value of 5 in the number 325,148.

EXPANDED FORM

*Expanded form of a number is the sum of the place values of its digit.

e.g. $31,42,678 = 30,00,000 + 1,00,000 + 40,000 + 2,000 + 600 + 70 + 8$

Q1 Write the expanded form.

a. 42,53,789

b. 79,64,635

c. 53,64,697

d. 98,73,524

Q2 Write the numbers in short form.

a. $8,00,00,000 + 70,00,000 + 6,00,000 + 50,000 + 4000 + 300 + 20 + 1$

b. $20,00,00,000 + 10,00,000 + 30,000 + 400 + 5.$

c. $10,00,00,000 + 2,00,00,000 + 30,00,000 + 5,00,000 + 10,000 + 7,000 + 900 + 80 + 9.$

SUCCESSOR & PREDECESSOR

*The successor of a given number is 1 more than the number. It comes just after the given number.

*The Predecessor of a given number is 1 less than the number. It comes just before the given number.

e.g.

PREDECESSOR	NUMBER	SUCCESSOR
24,57,21,199	24,57,21,200	24,57,21,201

ASCENDING & DESCENDING ORDER

*Ascending order is from smallest to biggest number.

*Descending order is from biggest to smallest number.

PRACTICE

Q1 Write the predecessor and successor of the following numbers.

a. 4,266,137

b. 3,21,456

c. 59,69,79,899

d. 3,582,891

Q2. Arrange in ascending order.

a. 31,16,005; 31,51,005; 31,51,500; 31,15,500

b. 88,345,120; 89,345,120; 89,435,120; 98,543,120

Q3. Arrange in descending order.

a. 61,92,14,217; 61,82,14,119; 61,28,14,118; 61,78,41,219

b. 21,28,35,989; 12,28,35,989; 11,82,35,989; 12,28,53,989

Q4. Write the smallest and greatest 7- digit number (you may repeat a digit) using the digit 8,4,7,2,0 and 5.