BAL BHA	RATI PUBLIC SCHOOL, PITAMP	URA, DELHI – 110034
CLASS V	SUBJECT:MATHEMATICS	TERM 1(2020-21)
TOPIC-NUMB	ERS AROUND US SUB TOP	PIC-Reading and Writing Numbers
Name	Class/ Sec - V	_ Date <u>06.04.2020</u>
	Numbers beyond 99,	99,999

Need for large numbers:

- Why do we need numbers with more than 7-digits?
- Where do we use them?

The Mangalyaan was sent by the Indian Space Research Organisation from Earth to Mars. The distance between Earth and Mars is approximately 5,46,00,000 km.

Now how would you read this number?

- The knowledge of large numbers enables us to visualize the universe, write the distance of planets from the Sun and Earth. This is only one of the examples why we need to study about large numbers.
- Complete this table in the book/ notebook and find how many times our heart beats in a year.

My Heart Beats! My age: (Write Your age) Heart beats in 1 minute:			9 72	years times	ohak.
Heart beats in 1 hour:	72 × 60	=	4320	times	
	320 × 24	=	1	_ times	ohak!
Heart beats in 1 month:	× 30	=	611040	times	Dhak!
	× 12	=		times	Dhan.
Heart beats in 1 year:	×	=	1.	times	
Heart beats in years (your age):					

In the previous class, we studied numbers upto 7-digits(Ten lakhs place). Now, we will study 8-digit numbers and 9-digit numbers.

Let's understand the 8-digit number.

As you know, the largest 7-digit number is 99,99,999. If we find its successor (add 1 to it), we get the smallest 8-digit number.

99,99,999 + 1 = 1000000 (largest 7-digit number) (smallest 8-digit number)

EXAMPLE 1: Now, let's place this **8-digit number** in the Indian Place Value Chart according to the places of each digit.

Periods	CRORES		LAKHS		THOUSAND	s	ONES		
Places	Ten Crores	Crores	Ten Lakhs 10,00,000	Lakhs 1,00,000	Ten Thousands 10,000	Thousands 1,000	Hundreds 100	Tens 10	Ones 1
Number		1	0	0	0	0	0	0	0

So, we see that the **smallest 8-digit number** 10000000 is written as **1,00,00,000** and its number name is **1 crore**.

We mark periods using commas e.g

<u>1</u>, <u>00</u>, <u>00</u>, <u>000</u> Cr L Th Ones

EXAMPLE 2: Let's place one more 8-digit number in the place value chart. E.g <u>6, 29, 29, 293</u> Cr L Th Ones

Periods	CRORES		LAKHS		THOUSANDS	5	ONES		
Places	Ten Crores	Crore s	Ten Lakhs 10,00,000	Lakhs 1,00,000	Ten Thousands 10,000	Thousand s 1,000	Hundred s 100	Tens 10	Ones 1
Number		6	2	9	2	9	2	9	3

		understand 9-digit number			
9,99,99,999 (largest 8-digi	+ t numbe	-	=	100000000 (smallest 9-digit number)	
It means 1000	00000 is	s written as	<u>10</u>	, <u>00</u> , <u>00</u> , <u>000</u> = 10 crores	

Cr L Th Ones

Now, let's place this **9-digit number** in the Indian Place Value Chart according to the places of each digit.

Periods	CRORES		LAKHS		THOUSAND	S	ONES		
Places	Ten Crores	Crores	Ten Lakhs 10,00,000	Lakhs 1,00,000	Ten Thousands 10,000	Thousands 1,000	Hundred s 100	Tens 10	Ones 1
Number	1	0	0	0	0	0	0	0	0

LET'S PRACTICE

(to be done in the notebook)

Q1. Write the given large numbers in the Indian Place Value Chart (given below) according to

the places of each digit.

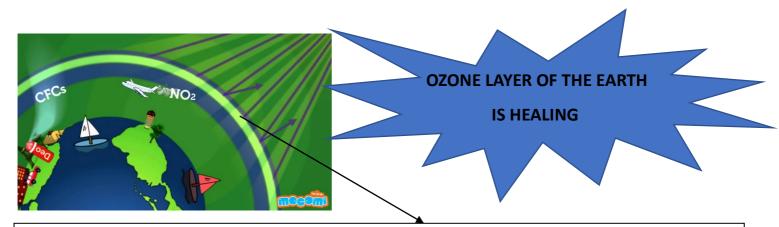
- A) 65120245
- B) 73690089
- C) 186403256
- D) 246398734

Periods	CRORES		LAKHS		THOUSANDS		ONES		
Places	Ten Crores	Crores	Ten Lakhs 10,00,000	Lakhs 1,00,000	Ten Thousands 10,000	Thousands 1,000	Hundreds 100	Tens 10	Ones 1
A)		6	5	1	2	0	2	4	5
В)									
C)									
D)									

Q2. Mark the periods using commas:

- A) 76529694
- B) 43925051
- C) 958201572
- D) 252912016

<u>CLASS V</u>	<u>SUBJECT - GENERAL KNOWLED</u>	<u>GE</u>	-	TERM 1 (2020 - 2021)
Name	CLASS / SEC	V		Date – <u>06.04.2020</u>
<mark>(to be d</mark>	done in this sheet itself or any note	bool	<mark>k, if printou</mark>	<mark>t is not possible)</mark>



Watch this video for more information:<u>https://www.youtube.com/watch?v=0xYUV3T505o</u>

Do you know... The Ozone layer (that is, the protective layer of the earth) has healed a lot according to a recent study.

Ques: Can you think of two major reasons that have led to the healing of the Ozone layer ?

Ques: Now, think and write four changes we should bring in our day to day life to ensure that this self-healing phenomenon of the Ozone layer continues.