



NUMBER SYSTEM

CLASS –V

SUBJECT- MATHEMATICS

LESSON - THE FISH TALE





INTRODUCTION

- To read and write numbers we use place value chart.
- Each digit in a number has its own value depending on its position.

TYPES OF PLACE VALUE CHART

Indian place
value chart

International place
value chart





INDIAN PLACE VALUE CHART

CRORES		LAKHS		THOUSANDS		ONES		
TC	C	TL	L	TTH	TH	H	T	O
TEN CRORE 10,00,00,000	CRORE 1,00,00,000	TEN LAKHS 10,00,000	LAKH 1,00,000	TEN THOUSAND 10,000	THOUSAND 1,000	HUNDRED 100	TENS 10	ONES 1

- ➡ Indian place value chart is separated into four groups called ones, thousands, lakhs and crores.
- ➡ The Digits in each group must be read together.





Reading and writing numbers and their names

- ➔ In Indian number system we start grouping the numbers from right in group of three , then further in group of two.(3,2,2,2...)
- ➔ Write the numbers from ones place.
- ➔ Use comma after each group.

Ex-1,24,85,695

(One crore twenty four lakh eighty five thousand six hundred ninety five)





Representation of numbers in the place value chart

1,25,80,692

CRORES		LAKHS		THOUSANDS		ONES		
TC	C	TL	L	TTH	TH	H	T	O
	1	2	5	8	0	6	9	2
	One crore	Twenty five lakh		Eighty thousand		Six Hundred ninety two		





Lets write some numbers in words.

a) 245987- The number is written as 2,45,987 and read as two lakh forty five thousand nine hundred eighty seven.

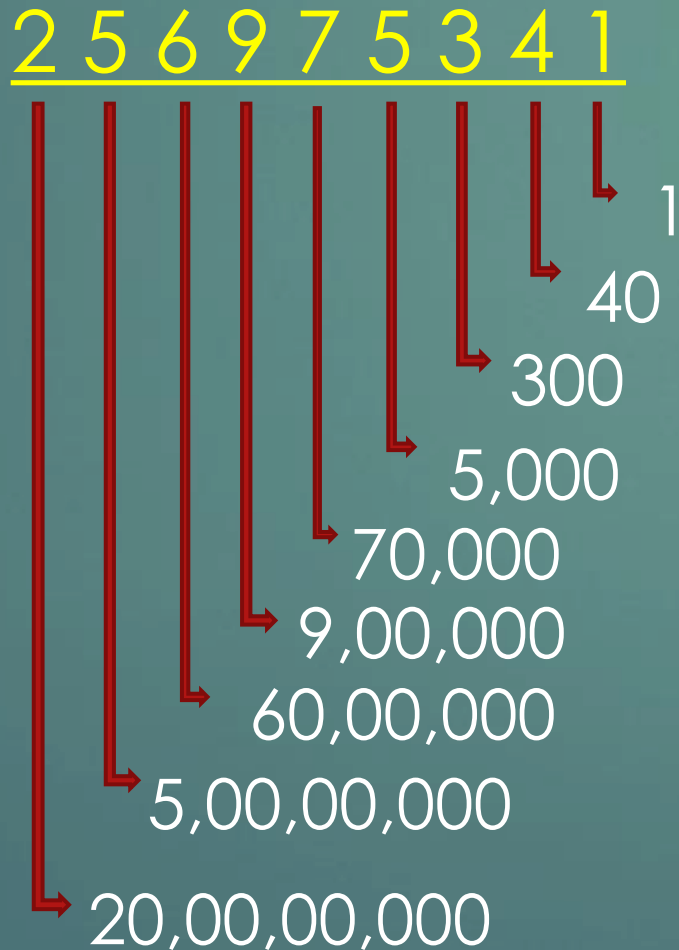
b) 55679833- Written as 5,56,79,833 and read as five crore fifty six lakh seventy nine thousand eight hundred thirty three.

CRORES		LAKHS		THOUSANDS		ONES		
TC	C	TL	L	TTH	TH	H	T	O
			2	4	5	9	8	7
	5	5	6	7	9	8	3	3





Place value of the digits in a number





INTERNATIONAL PLACE VALUE CHART

MILLIONS			THOUSANDS			ONES		
HUNDRED MILLIONS 100,000,000	TEN MILLIONS 10,000,000	MILLION 1,000,000	HUNDRED THOUSAND 100,000	TEN THOUSAND 10,000	THOUSAND 1,000	HUNDRED 100	TENS 10	ONES 1

- ➡ International place value chart is separated into groups like ones, thousands and millions.
- ➡ The Digits in each group must be read together.





Write the number in international number system

- Digits in a group read together.
- Put commas after every three digits from right.

Example - 234,456,500

MILLIONS	THOUSANDS	ONES
234	456	500
Two Hundred Thirty four Million	Four Hundred Fifty Six Thousand	Five Hundred





Lets read these numbers in international place value system

541,236

Five Hundred Forty One Thousand , Two Hundred Thirty Six

5,592,312

Five Million, Five Hundred Ninety Two Thousand, Three Hundred Twelve

80,502,210

Eighty Million, Five Hundred Two Thousand, Two Hundred Ten





COMPARISON BETWEEN INDIAN AND INTERNATIONAL NUMBER SYSTEM

HUNDRED MILLIONS 100,000,000	TEN CRORE 10,00,00,000
TEN MILLIONS 10,000,000	CRORE 1,00,00,000
MILLION 1,000,000	TEN LAKH 10,00,000
HUNDRED THOUSAND 100,000	LAKH 1,00,000
TEN THOUSAND 10,000	TEN THOUSAND 10,000
THOUSAND 1,000	THOUSAND 1,000
HUNDRED 100	HUNDRED 100
TENS 10	TENS 10
ONES 1	ONES 1

Note - The numbers of each column are equal.
For example - **Ten Millions = One Crore**





Revision work

Write Place values of the underlined digits in the following numbers.

a) 5 5 , 7 9 , 8 5 , 3 6 0

b) 5 , 7 0 , 9 5 , 4 8 5

Write the following numbers in words.

a) 342167

b) 7005654



Message

Children I hope you enjoyed and understood the topic. Incase you have any doubt read it again.





Thank you

CREDITS

- NCERT
- GOOGLE IMAGES

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