



Name - _____ Class/ Sec - V _____

Date-16.04.2020

In previous lesson we studied about "How to read and write numerals according to Indian Numeration System".



Now let's understand the "Place Value "of each digit of the number.

What do we mean by place value of a digit?



It is the value of a given digit at a particular place.

EXAMPLE 1

$$\begin{array}{rclcl}
 \text{P.V. of 5 in 4,35,329} & = & 5 & \times & 1000 & = & 5000 \\
 & & \text{Digit} & & \text{Value of its place} & & \text{Place Value of 5}
 \end{array}$$

EXAMPLE 2

$$\begin{array}{rclcl}
 \text{P.V. of 7 in 3,72,19,406} & = & 7 & \times & 10,00,000 & = & 70,00,000 \\
 & & \text{Digit} & & \text{Value of its place} & & \text{Place Value of 7}
 \end{array}$$

EXAMPLE 3

$$\begin{array}{rclcl}
 \text{P.V. of 2 in 4,72,19,406} & = & 2 & \times & 1,00,000 & = & 2,00,000 \\
 & & \text{Digit} & & \text{Value of its place} & & \text{Place Value of 2}
 \end{array}$$

Let us now understand this with the help of the place value chart .

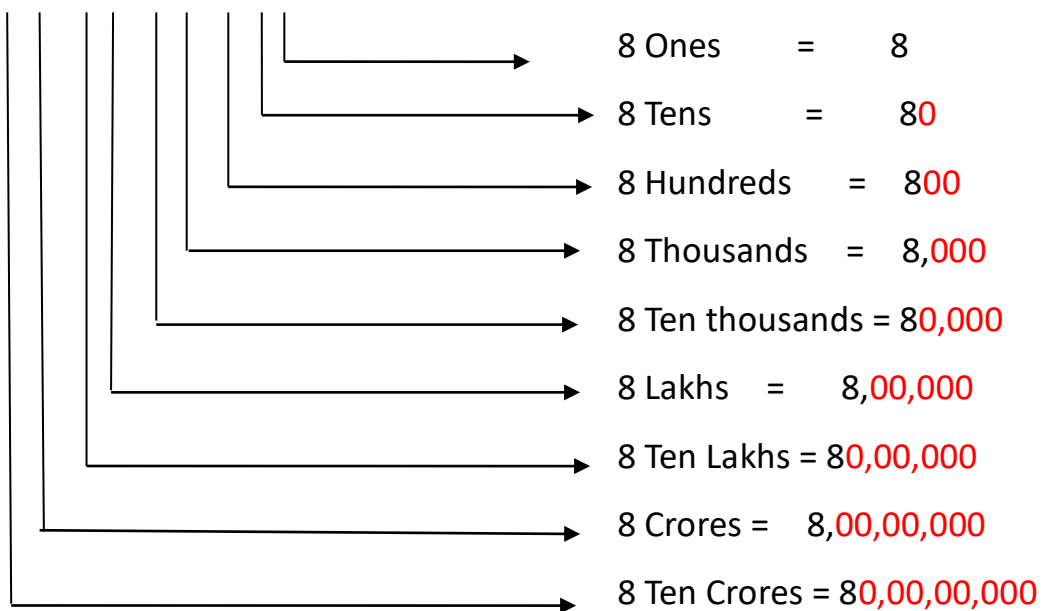
EXAMPLE 4

Place the digits of the number 88,88,88,888 in the place value chart.

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
Number	8	8	8	8	8	8	8	8	8

Let's observe the place values of each digit of 88,88,88,888

88,88,88,888



We observe that the **place value of 8 is increasing 10 times as it moves from ones to ten crores place.**

So, we can say that each place from ones to ten crores is 10 times bigger than the previous place.

LET'S PRACTISE

(Please Note: Q1 to 5 are to be done in the notebook)

Q1. Complete this table:

S. No.	Numbers	Place	Period	Place Value	Face Value
1	4,51,29,682				
2	8,04,58,248				
3	3,60,05,129				
4	43,86,20,486				
5	88,70,876				

Q2. Tick the correct option:

i) Which digit is in the **ten lakhs place** in the number 2,87,53,911?

- a. 2 b. 8 c. 7

ii) By how much would the value of 138540 decrease if the digit 8 is replaced with the digit 2?

- a. 5000 b. 4000 c. 6000

Q3. Amisha has been told to write six thousand in numeral form. While writing, she has put two extra zeros at the end.

Do the following:

- Write the original number she was supposed to write.
- Write the number that Amisha wrote.
- By how many times has the number increased?

Q4. Fill in the blanks:

- i) The sum of the place value and face value of 6 in 9,67,51,098 is _____.
- ii) The difference of the place values of 7 in 45,70,127 is _____.

Q5. Build numbers with:

- a) 6 at ones place
9 at ten lakhs place
7 at crores place

Number: _____

- b) 1 at ten crores place.

Number: _____

LIFESKILLS ACTIVITY

The scorching heat and the rising temperature make you thirstier. However, have you ever thought of birds who struggle a lot to quench their thirst as well.

Remember to keep water bowls for thirsty birds in summer at the terrace or the balcony.

