

SESSION : 4

CLASS : IV

SUBJECT: MATHEMATICS

**CHAPTER NUMBER: 2** 

CHAPTER NAME : NUMBERS

SUBTOPIC : EXPLANATION OF INTERNATIONAL PLACE VALUE SYSTEM,

**COMPARISON BETWEEN INDIAN AND INTERNATIONAL SYSTEM** 

**CHANGING YOUR TOMORROW** 

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#### **LEARNING OBJECTIVE**

- Enable the students to understand the Indian and International place value system.
- Comparison between Indian and International place value system.



# **Indian Number System**

Periods	Cro	res	Laŀ	khs	Thou	sands		Ones		
Place value	Ten Crores	Crores	Ten lakhs	Lakhs	Ten Thousands	Thousands	Hundreds	Tens	Ones	Indian Place Value Chart
Numbers										
One									1	
Ten								1	0	To separate the
1 Hundred							1	0	0	periods, we insert
1 Thousand						1,	0	0	0	commas between
10 Thousand					1	0,	0	0	0	them
1 Lakh				1,	0	0,	0	0	0	
10 Lakh			1	0,	0	0,	0	0	0	101
1 Crore		1,	0	0,	0	0,	0	0	0	<b>DAM</b>
10 Crore	1	0,	0	0,	0	0,	0	0	0	PUBLIC SCHOOL BY THE PUBLIC SC

# **International System**

Periods	Ŋ	Millions	5	Τŀ	nousan	ds		Ones					
Place value	Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones	International Place Value Chart			
Numbers													
One									1				
Ten								1	0	To separate the			
1 Hundred							1	0	0	periods, we insert			
1 Thousand						1,	0	0	0	commas between			
10 Thousand					1	0,	0	0	0	them			
100 Thousand				1	0	0,	0	0	0				
1 Millions			1,	0	0	0,	0	0	0	10/			
10 Millions		1	0,	0	0	0,	0	0	0	<b>DPM</b>			
100 Millions	1	0	0,	0	0	0,	0	0	0	PUBLIC SCHOOL BEGGEFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF			

## **Indian Number System**

	_		_								-					
Periods	Crc	res	Lak	khs	(hoi	sands	C	nes	5	Periods	М	illion	ıS	Tho	ousa	nds
Place value	Ten Crores	Crores	Ten lakhs	Lakhs	Ten Thousands	Thousands	Hundreds	Tens	Ones	Place value	Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands
Numbers										Numbers						
One									1	One						
Ten								1	0	Ten						
1 Hundred							1	0	0	1 Hundred						
1 Thousand						1,	0	0	0	1 Thousand						1,
10 Thousand					1	0,	0	0	0	10 Thousand					1	0,
1 Lakh				1,	0	0,	0	0	0	1 Lakh				1	0	0,
10 Lakh			1	0,	0	0,	0	0	0	10 Lakh			1,	0	0	0,
1 Crore		1,	0	0,	0	0,	0	0	0	1 Crore		1	0,	0	0	0,
10 Crore	1	0,	0	0,	0	0,	0	0	0	10 Crore	1	0	0,	0	0	0,

### **International System**

M	illior	ıs	Tho	ousa	Ones			
Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
								1
							1	0
						1	0	0
					1,	0	0	0
				1	0,	0	0	0
			1	0	0,	0	0	0
		1,	0	0	0,	0	0	0
	1	0,	0	0	0,	0	0	0
1	0	0,	0	0	0,	0	0	0

#### **International System**

One's Period – First 3 digits

Thousand's Period - Next 3 digits

Million's Period - Next 3 digits



# <u>Compare</u>

<u>Indian Sys</u>	<u>tem</u>	<u>International System</u>						
One's Period –	First 3 digits	One's Period –	First 3 digits					
Thousand's Period –	Next 2 digits	Thousand's Period –	Next 3 digits					
Lakh's Period -	Next 2 digits	Million's Period –	Next 3 digits					
Crore's Period –	Digits after lakhs			n p				

#### **International System**

Remember, according to the international place value chart

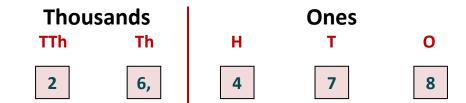
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10 lakh = 1 Million
```



Write the period and place of 4 in the following numbers according to the Indian Number System.

26,478

#### **Solution**



Clearly, place of the digit 4 is hundred and the period of the digit 4 is ones.



Separate the periods of the following numbers by putting commas according to the Indian Number System.

#### 472586

#### **Solution**

Lakhs	Thous	sands	Ones				
L	TTh	Th	Н	T	0		
4	7	2	5	8	6		



Separate the periods of the following numbers by putting commas according to the International Number System.

#### 5621586

#### **Solution**



Ans. 5,621,586



Write the following numbers in Figures.

#### Four lakh twenty seven thousand six hundred twenty four

#### **Solution**

Lakhs	Thous	sands	Ones				
L	TTh	Th	Н	T	0		
4	2	7	6	2	4		



#### **HOME ASSIGNMENT:**

Practice Indian and International number system.

#### **LEARNING OUTCOME:**

Students are able to recall their previous class knowledge about 4-digit numbers.



# THANKING YOU ODM EDUCATIONAL GROUP

