

**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**

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**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	Crores		Lakhs		Thousands		Ones		
	Ten Crores	Crores	Ten lakhs	Lakhs	Ten Thousands	Thousands	Hundreds	Tens	Ones
<b>Numbers</b>									
One									1
Ten								1	0
1 Hundred							1	0	0
1 Thousand						1,	0	0	0
10 Thousand					1	0,	0	0	0
1 Lakh				1,	0	0,	0	0	0
10 Lakh			1	0,	0	0,	0	0	0
1 Crore		1,	0	0,	0	0,	0	0	0
10 Crore	1	0,	0	0,	0	0,	0	0	0

## Indian Place Value Chart

To separate the periods, we insert commas between them

# International System

Periods	Millions			Thousands			Ones		
Place value	Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
<b>Numbers</b>									
One									1
Ten								1	0
1 Hundred							1	0	0
1 Thousand						1,	0	0	0
10 Thousand					1	0,	0	0	0
100 Thousand				1	0	0,	0	0	0
1 Millions			1,	0	0	0,	0	0	0
10 Millions		1	0,	0	0	0,	0	0	0
100 Millions	1	0	0,	0	0	0,	0	0	0

## International Place Value Chart

To separate the periods, we insert commas between them

## Indian Number System

Periods	Crores		Lakhs		Thousands		Ones		
Place value	Ten Crores	Crores	Ten lakhs	Lakhs	Ten Thousands	Thousands	Hundreds	Tens	Ones
<b>Numbers</b>									
One									1
Ten								1	0
1 Hundred							1	0	0
1 Thousand						1,	0	0	0
10 Thousand					1	0,	0	0	0
1 Lakh				1,	0	0,	0	0	0
10 Lakh			1	0,	0	0,	0	0	0
1 Crore		1,	0	0,	0	0,	0	0	0
10 Crore	1	0,	0	0,	0	0,	0	0	0

## International System

Periods	Millions			Thousands			Ones		
Place value	Hundred Millions	Ten Millions	Millions	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
<b>Numbers</b>									
One									1
Ten								1	0
1 Hundred							1	0	0
1 Thousand						1,	0	0	0
10 Thousand					1	0,	0	0	0
1 Lakh				1	0	0,	0	0	0
10 Lakh			1,	0	0	0,	0	0	0
1 Crore		1	0,	0	0	0,	0	0	0
10 Crore	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**

# Compare

## Indian System

One's Period –	First 3 digits
Thousand's Period –	Next 2 digits
Lakh's Period –	Next 2 digits
Crore's Period –	Digits after lakhs

## International System

One's Period –	First 3 digits
Thousand's Period –	Next 3 digits
Million's Period –	Next 3 digits

## International System

Remember, according to the international place value chart

10 lakh = **1 Million**

1 Crore = **10 Million**

10 Crore = **100 Million**



## Example - 1

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

26,478

## Solution

Thousands		Ones		
TTh	Th	H	T	O
2	6,	4	7	8

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

## Example - 2

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

472586

## Solution

Lakhs	Thousands	Ones			
L	TTh	Th	H	T	O
4	7	2	5	8	6

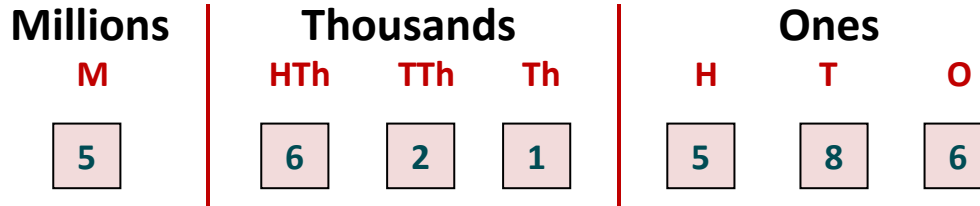
Ans. 4,72,586

### Example - 3

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

**5621586**

### Solution



**Ans. 5,621,586**

## Example - 4

Write the following numbers in Figures.

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

## Solution

Lakhs	Thousands		Ones		
L	TTh	Th	H	T	O
4	2	7	6	2	4

**Ans. 4,27,624**

## **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**