

Jender Heart High School, Sec-33B, Chandigarh

Class:- V

Date:- 22.04.24

Subject:- Mathematics

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EXERCISE 1.2

A. Write the period and the place value of the coloured digit in each number.

	PERIOD	PLACE VALUE
1. $\overset{\text{C}}{\text{7}}\overset{\text{L}}{\text{4}},\overset{\text{TH}}{\text{02}},\overset{\text{H}}{\text{6}}\overset{\text{T}}{\text{1}}\overset{\text{O}}{\text{5}}$	Lakh	400000
2. $\overset{\text{C}}{\text{1}}\overset{\text{L}}{\text{4}},\overset{\text{TH}}{\text{210}},\overset{\text{H}}{\text{10}}\overset{\text{T}}{\text{7}}\overset{\text{O}}{\text{9}}$	Ones	9
3. $\overset{\text{C}}{\text{9}}\overset{\text{L}}{\text{15}},\overset{\text{TH}}{\text{30}},\overset{\text{H}}{\text{3}}\overset{\text{T}}{\text{5}}\overset{\text{O}}{\text{2}}$	Crores	9,00,00,000
4. $\overset{\text{C}}{\text{4}}\overset{\text{L}}{\text{00000}}\overset{\text{TH}}{\text{0}}\overset{\text{H}}{\text{4}}\overset{\text{T}}{\text{0}}\overset{\text{O}}{\text{0}}$	Ones	0

B. Write the expanded form of each number.

- $31,24,056 \rightarrow 30,00,000 + 1,00,000 + 20,000 + 4,000 + 0 + 50 + 6.$
- $46,70,20,000 \rightarrow 40,00,00,000 + 6,00,00,000 + 70,00,000 + 0 + 20,000 + 0 + 0 + 0 + 0.$

C. Write the standard form.

- $30,00,000 + 5,00,000 + 2,000 + 600 + 10 + 1 \rightarrow 35,02,611$

$$2. \quad 10000000 + 70000 + 400 + 30 + 5 = 10070435$$

3. 2 ten crores + 7 crores + 4 ten lakhs + 5 thousands
+ 2 hundreds + 7 tens $\Rightarrow$ 274005270

4. 6 ten lakhs + 1 lakh + 5 ten thousands + 3 thousands.
= 6153000

D. Write the successor of each number.

$$1. \quad 4257198 + 1 = 4257199$$

$$2. \quad 14810309 + 1 = 14810310$$

E. Write the predecessor of each number.

$$1. \quad 1432121 - 1 = 1432120$$

$$2. \quad 35\ 141\ 00-1 = 35\ 140\ 99$$

F. Put $>$ or $<$ in the $\bigcirc$.

1.	966543219 (9-digit no)	$>$	9689219 (7-digit no)
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2. $14372000 \quad \textcircled{<} \quad 14572000$

$\uparrow \quad \quad \quad \uparrow$

$5 > 3$

G. Use all the digits to make the smallest and the greatest 7-digit numbers.

1. 0, 4, 6, 7, 8, 1, 5

Smallest 7-digit Number = 1045678

Greatest 7-digit Number = 8765410

2. 5, 1, 9, 3, 8, 2, 4

Smallest 7-digit Number = 1234589

Greatest 7-digit Number = 9854321

H. Use all the digits to make the smallest and the greatest 9-digit numbers. Repeat any one digit.

1. 7, 6, 3, 9, 1, 0

Smallest 9-digit Number = 100003679

Greatest 9-digit Number = 999976310

2. 3, 7, 2, 1, 5

Smallest 9-digit Number = 111112357

Greatest 9-digit Number = 777775321

INTERNATIONAL PLACE VALUE SYSTEM

Periods →	Millions			Thousands			Ones		
	Hundred Million	Ten Million	Million	Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
Places	HM	TM	M	H Th	T Th	Th	H	T	O

Exercise 1.3.

A. Write the numbers. Mark the periods with commas.

1. Seven million two hundred forty-six thousand one hundred thirty-seven → 7,246,137
2. Five hundred eighty-six thousand five hundred fifteen → 586,515
3. Six hundred twelve million seventy-one thousand four hundred → 612,071,400
4. Sixty million six hundred thousand twelve.
→ 60,600,012
5. two million twelve thousand six hundred eleven.
→ 2,012,611
6. four million six hundred forty thousand.
→ 4,640,000
7. nineteen million.
19,000,000

8. Sixty-five million four thousand one $\rightarrow 65,004,001$.
9. Three hundred seventy-two million eight hundred ninety-nine $\rightarrow 372,000,899$.
10. eighty-four million seven thousand nine hundred six $\rightarrow 84,007,906$

B. Write in words.

1. 47,012,615 $\rightarrow$ Forty-seven million twelve thousand six hundred fifteen.
2. 1,500,237 $\rightarrow$ One million five hundred thousand two hundred thirty seven.
3. 318,606,111 $\rightarrow$ Three hundred eighteen million six hundred six thousand one hundred eleven.
4. 598,005 $\rightarrow$ Five hundred ninety-eight thousand five.
5. 38,000,197 $\rightarrow$ Thirty-eight million one hundred ninety-seven.
6. 20,020,020 $\rightarrow$ Twenty million twenty thousand twenty.

Comparing The Two Systems.

The Indian System and the International System are two different ways of reading and writing numbers. However, the value of a number does not change.

Indian System	TC	C	TL	L	TTh	Th	H	T	O
International System	HM	TM	M	HTh	TTh	Th	H	T	O

In both the systems, 5-digit numbers are read in the same way.

1 lakh = 100 thousand

10 lakh = 1 million

1 Gore = 10 million

10 Crore = 100 million

