

Chapter → 3 Large Numbers

• Indian number system

Crores		Lakhs		Thousands		Ones		
TC	C	TL	L	TTh	Th	H	T	O
9	8	7	6	5	4	3	2	1

⇒ 98,76,54,321 Ans

• International Number System

Million			Thousands			Ones		
HTM	TM	M	HTh	TTh	Th	H	T	O
9	8	7	6	5	4	3	2	1

⇒ 987,654,321 Ans

Exercise → 3

1. Rewrite the following number using commas to separate the periods according to the Indian place value chart.

a. 623974

Solⁿ Using commas according to Indian place value chart → 62,39,74
= 6,23,974

b. 900000100

Solⁿ Using commas according to Indian place value chart → 90,00,0100
Ans

2. Write the following number in words.

a. 74,10,507 → Seventy four lakh ten thousand five hundred seven.

2. $4,04,04,004 \rightarrow$ Four crores four lakh four thousand four.

3. Write the following number in figures.

a. Ninety-two lakh five thousand fifty-five $\rightarrow 92,05,055$ Ans

b. Six crore sixty-five lakh twenty thousand seven hundred sixteen $\rightarrow 6,65,20,716$ Ans

4. Using Indian place value system. Write the place value of each of the digit in the numeral 64,19,70,528

a. 64,19,70,528

Ans Digit $\rightarrow 6 \rightarrow 60,00,00,000$

4 $\rightarrow 4,00,00,000$ 1 $\rightarrow 10,00,000$

9 $\rightarrow 9,00,000$ 7 $\rightarrow 70,000$ 0 $\rightarrow 0$

5 $\rightarrow 500$ 2 $\rightarrow 20$ 8 $\rightarrow 8$

5. Using Indian system of numeration
Find the place value of the underlined
digits in each of the following.

a. 590713568

Place value
→ 9,00,00,000 Ans

d. 635709412

Place value
→ 7,00,000 Ans

6. Write the following numbers in
an expanded form.

a. 5,29,347 → 5,00,000 + 20,000 + 9,000 +
300 + 40 + 7

Ans.

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b. $23,09,519 \rightarrow 20,00,000 + 300,000 + 0$
 $+ 9,000 + 500 + 10 + 9$

7. Write the following in standard form.

a. $30000000 + 7000000 + 600000 + 90000 + 70 + 6 \rightarrow 376976$
 $= \underline{37,69,076} \text{ Ans}$

b. $400000000 + 10 + 7 \rightarrow \underline{4,00,00,017} \text{ Ans}$

8. Counting in thousands, write the numbers from 2906754 to 2911754.

Ans 2906754, 2907754, 2908754,
2909754, 2910754, 2911754. Ans

9. Counting in lakhs, write the number from 52736109 to 53236109.

Ans 52736109, 52836109, 52936109,
53036109, 53136109, 53236109. Ans

10. Counting in crores. write the num
from 163057500 to 223057500.

Ans 16,30,57,500 , 17,30,57,500 , 18,30,57,500
19,30,57,500 , 20,30,57,500 , 21,30,57,500
22,30,57,500 Ans

12. write the smallest 9-digit number
and the largest 8-digit number.

Ans Smallest 9-digit no. $\rightarrow$ 100000000
Largest 8-digit no. $\rightarrow$ 99999999

13. Answer the following.

a. what comes just after 9536999?

Ans 9537000.

b. what comes just before 9900000?

Ans 9899999.

c. What comes just after 13700899?

Ans 13700900.

d. What comes just before 10000000?

Ans 9999999.

Exercise → 4

2. Arrange the following numbers in descending order.

a. 12965784, 3076897, 129654503, 2789988, 21345603.

Ans $129654503 > 21345603 > 12965784 > 3076897 > 2789988$.

b. 245368009, 45639918, 93216723, 53791325, 245370119.

Ans $245370119 > 245368009 > 93216723 > 53791325 > 45639918$.

3. Arrange the following number in ascending order.

a. 14865710, 20507106, 30008215, ~~2876879~~; 2876879, 2786789.

Ans $2786789 < 2876879 < 14865710 < 20507106 < 30008215$.

b. 9368516, 10540603, 91032401, 9367839, 10541201.

Ans $9367839 < 9368516 < 10540603 < 10541201 < 91032401$.

Exercise 5

1. Rewrite the following numerals with proper commas, using international system.

a. 35684129

Ans Using commas according international place value chart $\rightarrow 35,684,129$
 $= 35,684,129$ Ans

b. 50968302

Ans Using commas according
international place value chart $\rightarrow 5,096,8302$
 $= 50,968,302$
Ans

2. Write the number names of the following.

a. 25,863,475 $\rightarrow$ Twenty-five million eight hundred sixty-three thousand four hundred seventy-five.

b. 101,010,001 $\rightarrow$ One hundred one million ten thousand one.

3. Write the following in figures.

3. Sixty-four million one hundred nineteen thousand eight hundred $\rightarrow$
64,119,018 Ans

b. Nineteen million nineteen $\rightarrow 19,000,019$
Ans