


Worksheet 3

Large numbers

Maths

9-digit numbers

Writing a 9-digit number in the Indian place-value system

 : How will you write 100000000 in the Indian place-value system?

PERIODS →	CRORES		LAKHS		THOUSANDS		ONES		
PLACES →	Ten crores (TC)	Crores (C)	Ten lakhs (TL)	Lakhs (L)	Ten thousands (TTh)	Thousands (Th)	Hundreds (H)	Tens (T)	Ones (O)
	1	0	0	0	0	0	0	0	0

With commas, 100000000 is written as 10,00,00,000.
In words, 10,00,00,000 is written as ten crore.

Tip - Use commas to separate the periods. Start from the right. First group the digits in threes and then in twos. This is applied for the Indian place value system. The periods are **ones, thousands, lakhs and crores**.

INTERNATIONAL PLACE-VALUE SYSTEM

In the International place-value system, the periods are **ones, thousands** and **millions**. Three digits are placed in each period. Use commas after every three digits from the right to mark a period.

PERIODS →	MILLIONS			THOUSANDS			ONES		
PLACES →	Hundred millions	Ten millions	Millions	Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones
	HM	TM	M	HTh	TTh	Th	H	T	O

COMPARING THE TWO SYSTEMS

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.

	INDIAN SYSTEM	INTERNATIONAL SYSTEM
6-digit numbers	1 lakh =	100 thousand
7-digit numbers	10 lakh =	1 million
8-digit numbers	1 crore =	10 million
9-digit numbers	10 crore =	100 million

These are two different ways of reading and writing numbers. However, the value of the number does not change.



A. Write the numbers in the Indian place-value system. Mark the periods with commas also.

1. Thirty-five lakh five thousand two hundred thirteen.
2. Twelve crore twelve lakh two thousand four hundred three.
3. Eighteen lakh five hundred.
4. Six crore six lakh.
5. Ninety-nine crore fifty-eight lakh three thousand eleven.

B. Mark the periods with commas according to the Indian system and write the numbers in words .

1. 5528310
2. 89671435
3. 126450761
4. 370584020

C. Write the numbers in the International place-value system. Mark the periods with commas.

1. Seven million two hundred forty-six thousand one hundred thirty-seven.
2. Five hundred eighty-six thousand five hundred fifteen.
3. Six hundred million six hundred thousand twelve.
4. Nineteen million.
5. Four hundred eighty-four million seven thousand nine hundred six.

D. Write the number names after marking the periods with commas using the International system.

1. 47012615
2. 218606111
3. 5980050
4. 192143056

E. Using both the systems, write the number names by putting commas.

1. 87013569
2. 981552101