

L3 Introducing 1,00,000 and greater

By now you can guess what number we get by adding 1 to the largest 5-digit number (99,999). $99,999 + 1 = 1,00,000$. We read this number as 1 lakh.

Now we can read and write expanded form of 6 digit numbers.

For example, $2,46,853 = 2 \times 1,00,000 + 4 \times 10,000 + 6 \times 1000 + 8 \times 100 + 5 \times 100 + 3$ read as Two lakh forty six thousand eight hundred and fifty three.

3.1.1 Write the number name and expanded form of the following numbers.

- a. 6,57,401 b. 8,92,034 c. 2,00,805
d. 1,57,306 e. 1,23,456

3.1.2 How is the largest 6-digit number i.e. 9,99,999 read?

3.2 Larger numbers

If we add one more to the greatest 6-digit number (9,99,999) we get the smallest 7-digit number (10,00,000) and we call it *Ten lakh*. The largest 7-digit number is 99,99,999 and it is read as *Ninety nine lakh ninety nine thousand nine hundred and ninety nine*.

If we add 1 to it we get the smallest 8-digit number (1,00,00,000) and we call it *One crore*. The largest 8-digit number is 9,99,99,999 and it is read as *Nine crore, ninety nine lakh ninety nine thousand nine hundred and ninety nine*.

If we add 1 to it we get the smallest 9-digit number (10,00,00,000) and we call it *Ten crore*. The largest 9-digit number is 99,99,99,999 and it is read as *Ninety nine crore, ninety nine lakh ninety nine thousand nine hundred and ninety nine*.

Study the following pattern:

$9 + 1 =$	10	Ten
$99 + 1 =$	100	Hundred
$999 + 1 =$	1,000	Thousand
$9,999 + 1 =$	10,000	Ten thousand
$99,999 + 1 =$	1,00,000	Lakh
$9,99,999 + 1 =$	10,00,000	Ten lakh
$99,99,999 + 1 =$	1,00,00,000	Crore
$9,99,99,999 + 1 =$	10,00,00,000	Ten crore

Remember

- 1 Hundred = 10 Tens
1 Thousand = 10 Hundreds = 100 Tens
1 Lakh = 100 Thousands = 1000 Hundreds
1 Crore = 100 Lakhs = 10,000 Thousands

Note that when we write the numbers we have commas at certain fixed positions to help us read the larger numbers more easily.

3.2.1 Try reading this number - 123456789

Now try reading the same number rewritten with commas – 12,34,56,789.

Which is easier?

We read this number as - *Twelve crore thirty four lakh fifty six thousand seven hundred and eighty nine.*

3.2.2 Write the number name and expanded form of the following:

a. 2,79,453

b. 50,35,472

c. 15,27,00,375

d. 4,03,50,894

3.2.3 Starting from the greatest 6-digit number write in words the previous 5 numbers in descending order.

3.2.4 Starting from the smallest 8 digit number write in words the next five numbers in ascending order.

End of L3