

Learning Outcomes

At the end of the lesson, students will be able to

- * Read and write 7-digit, 8-digit and 9-digit numbers in Indian and International systems
- * Identify the place value and face value
- * Compare and arrange numbers in order
- * Form the smallest and greatest numbers
- * Round off the numbers to its nearest value
- * Identify roman numerals

Did you hear about the marathon? It is a long-distance foot race where many people participate.

Really? How many people took part this year?

That's amazing. I didn't know numbers could get this big!

Over 15,28,640 participants. Can you imagine counting such a big number?



Test Your Memory

- What is the place value of 7 in 47,896?
a. 7 b. 700
c. 7,000 d. 70,000
- Write 56,203 in expanded form.
a. $50,000 + 6,000 + 2 + 3$
b. $50,000 + 6,000 + 200 + 3$
c. $50,000 + 6,000 + 20 + 3$
d. $5,000 + 6,000 + 200 + 3$
- Which of the following numbers is the smallest?
a. 94,102 b. 49,012
c. 90,142 d. 49,210
- What is the Roman numeral for 246?
a. CCXLVI b. CCVI
c. CCXLV d. CXLVI
- What is the successor of 89,999?
a. 89,998 b. 90,000
c. 89,100 d. 90,099
- Round off 62,478 to the nearest thousand.
a. 62,000 b. 62,500
c. 63,000 d. 60,000
- Which number is 1 lakh more than 6,54,321?
a. 7,54,321 b. 6,64,321
c. 6,55,321 d. 6,55,321
- What is the face value of 5 in the number 75,321?
a. 5,000 b. 500
c. 50 d. 5
- There are 2,28,369 men, 2,15,008 women and 1,98,326 children in the town. What is the total population of the town?
a. 4,43,377
b. 4,13,334
c. 6,41,703
d. 4,26,695
- Find the difference between the place values of 8 in 85,789 and 28,613.
a. 7,200 b. 79,200
c. 80,000 d. 72,000



Self Assessment

How many questions were you able to answer? Collect hats.



I find them:

☐ Easy 😊

☐ Average 😐

☐ Advanced 😎

I felt:

☐ Confident 🧑

☐ Needed help 📖

☐ Want practice 📝

Next time I will:

☐ Work faster ⚡

☐ Avoid silly mistakes 💡

☐ Try to solve harder problems 🎓





Understanding 7- 8 digit numbers

Think and Answer:

- Which is the largest 6-digit number?
- What is the successor of the largest 6-digit number?
- Is this a 6-digit number or does it have more than six digits?

9,99,999 is the greatest 6-digit number.

When 1 is added to it, the number system has to be extended beyond 6 digits.

$$9,99,999 + 1 = 10,00,000$$

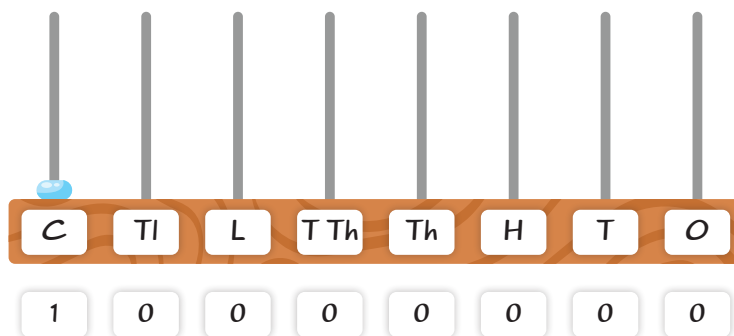
10,00,000 is the smallest 7-digit number. It is read as **10 lakh**.

Largest 6-digit number + 1 = Smallest 7-digit Number

The first two digits of a 7-digit number tell us the number of lakhs.

The number next to the largest 7-digit number, 10000000, is the smallest 8-digit system of numeration, it is read as one crore.

$$9999999 + 1 = 10000000$$



Power up

A full marathon covers 42,19,500 centimetres as it is 42,195 metres long.

OOPS SPOT!

37,68,000

Thirty-seven lakhs sixty-eight thousand ✗

Thirty-seven lakh, sixty-eight thousand ✓

Largest 7-digit number + 1 = Smallest 8-digit Number

20,00,00,000	Twenty Crore
40,00,00,000	Forty Crore
90,00,00,000	Ninety Crore

