

Chapter - 1 Large numbers

Exercise - 1.4

* Comparison and number order :-

Example - Compare 5687492 and 983260.

Solution - Here, 5687492 - 7 digits
and 983260 - 6 digits

So, $5687492 > 983260$

* Compare 3576821 and 3579416

Solution - We will compare with the help of Place value chart to these numbers.

TL	L	T-Th	Th	H	T	O
3	5	7	6	8	2	1
3	5	7	9	4	1	6

As, $6 < 9$

So, $3576821 < 3579416$

* Find the greatest and smallest possible numbers with the following by using each digit only once 0, 2, 3, 4, 5, 7, 9.

Solution - 0 is never written on the left most place

The smallest number - 2034579

The greatest number - 9754320

Note: Never write 0 at the highest place as its place value is 0. Therefore, 0 is always placed second in the smallest number.



Let's Evaluate 1.4

1. Compare the following numbers and put $>$, $<$ or $=$.

a. 376015 173549

b. 459067 741069

c. 5910692 673104

d. 867135 9321076

e. 8195301 8195301

f. 5087012 8013761

2. Arrange the following numbers in the ascending order.

a. 631543, 9005371, 5163729, 7624003

b. 3211570, 32750, 89350, 643117

c. 8716314, 681501, 972106, 5713012

3. Arrange the following numbers in the descending order.

a. 3751029, 980671, 495201, 5910312

b. 851631, 691079, 2395716, 796201

c. 981076, 536104, 751375, 68152

4. Write the smallest and the greatest possible numbers using each of the following digits only once.

a. 3, 9, 7, 0, 1, 4

b. 4, 5, 0, 9, 3, 7, 2

c. 5, 0, 1, 3, 8, 9

d. 2, 5, 9, 7, 6, 0, 8

5. By using 0, 2, 7, 8 and 9, write the smallest and the greatest numbers of 7-digits.

Exercise - 1.5

PAGE NO.

ASHIKA

DATE: / /

Page - 2

* Indian and International System of numeration.

Indian System

Ten - Lakhs (1000000)

Lakhs (100000)

Ten - thousands (10000)

Thousands (1000)

Hundreds (100)

Tens (10)

ones (1)

International System

Millions

Hundred thousands

Ten - thousands

Thousands

Hundreds

Tens

ones

Example - write 7145982 in Indian System of numeration.

Solution - 7145982 - Seventy-one lakh forty-five thousand nine hundred eighty-two.

Example - write the number in the International System of numeration.

Solution - 8354672 - Eight million three hundred fifty-four thousand six hundred Seventy-two.



Let's Evaluate 1.5

1. Write the following numbers in the Indian System Numeration.

a. 431576

b. 210546

c. 4763210

d. 9675248

2. Write the following numbers in the International System of Numeration.

a. 203541

b. 691453

c. 8762453

d. 7063157

3. Write the following numbers in Indian System of numeration (in figures).

- a. Six lakh thirty-nine thousand five hundred ninety-six.
- b. Eight lakh seventy-five thousand nine hundred four.
- c. Twenty-three lakh fifty-eight thousand four hundred eighty-nine.
- d. Sixty-one lakh fifty-nine thousand three hundred four.

4. Write the following numbers in International System of numeration (in figures).

- a. Four hundred sixty-five thousand two hundred and five
- b. Seven hundred eight thousand five hundred and ninety.
- c. Five million two hundred sixty thousand and nine hundred
- d. Eight million ninety-six thousand and three