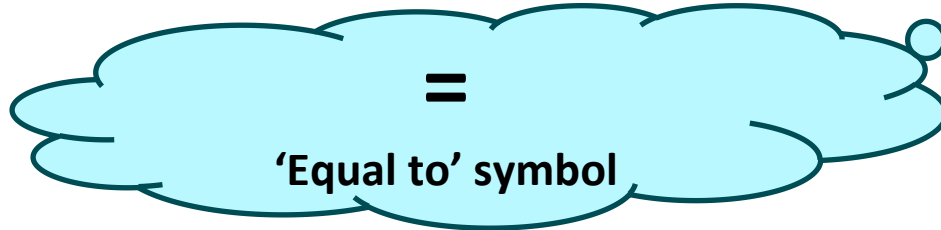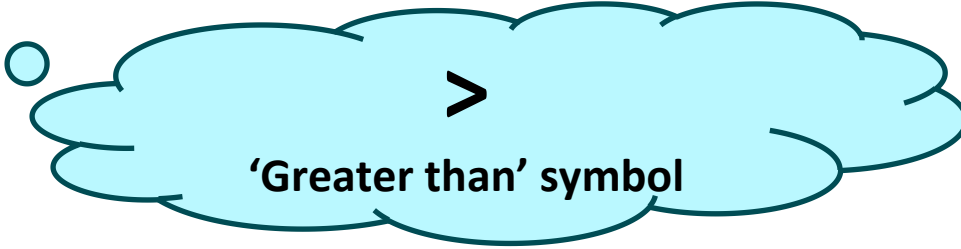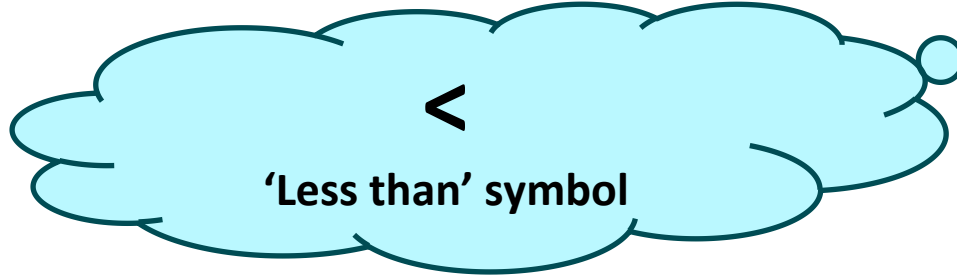SESSION   : 11
CLASS   : IV
SUBJECT   : MATHEMATICS
CHAPTER NUMBER   : 2
CHAPTER NAME   : NUMBERS
SUBTOPIC   : COMPARISON OF NUMBERS,
                     EXERCISE-2(E) Q.NO. 1 & 2

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

- Enable the students to understand

  how to compare the large numbers.

Comparison Of Numbers

<

'Less than' symbol

>

'Greater than' symbol

=

'Equal to' symbol

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Comparison Of Numbers

We follow the two rules given below to compare the given numbers.

Rule – 1 : If the given numbers have different numbers of digits, then the number having more number of digits is bigger.

For Example : 11,000 > 9,999
As 11,000 has 5 - digits and 9,999 has 4-digits.

Rule – 2 : If the given numbers have the same number of digits, then start from the left and compare the digits in the corresponding places, till you find a pair having different digits. The number having bigger digit is bigger.

Comparison Of Numbers

Example

   i) 6,32,638 and 6,32,983   ii) 24,58,761 and 24,71,502

Solution

(i) Both the numbers have equal number of digits

L	TTh	Th	H	T	O
6	3	2	⑥	8	3
6	3	2	⑨	8	3

Digits in the hundreds place are different

Since 9 > 6,   **6,32,983 > 6,32,683**

Comparison Of Numbers

Example

   i) 6,32,638 and 6,32,983   ii) 24,58,761 and 24,71,502

Solution

(ii) Both the numbers have equal number of digits

TL	L	TTh	Th	H	T	O
2	4	(5)	8	7	6	1
2	4	(7)	1	5	0	2

We start comparing digits from the left.

Digits in the ten thousand place are different

Since 7 > 5,   **24,71,502 > 24,58,761**

Comparison Of Numbers

Exercise – 2(E)

1. Fill in the banks with '**<**', '**>**' or '**=**'.

Solution

(a) **32,578** **>** **9,623**

(b) **2,32,850** **<** **2,73,812**

(c) **9,85,742** **<** **9,85,931**

(d) **62,43,287** **=** **62,43,287**

Comparison Of Numbers

Exercise – 2(E)

1. Fill in the banks with '**<**', '**>**' or '**=**'.

Solution

(e) 7,05,030 **<** 7,06,030

(f) 1,52,467 **>** 1,35,002

(g) 29,85,781 **>** 29,82,154

(h) 1,71,528 **=** 1,71,528

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Comparison Of Numbers

Exercise – 2(E)

1. Fill in the banks with '**<**', '**>**' or '**=**'.

Solution

(i) 5,24,789 **>** 5,24,389

(j) 8,73,410 **<** 8,73,417

(k) 6,93,581 **>** 6,93,529

(l) 9,57,852 **<** 95,31,475

Comparison Of Numbers

Exercise – 2(E)

2. Find the greatest and smallest number in each of the following.

Solution	Greatest	smallest
(a) 7,56,890, 7,93,250, 7,58,320, 7,56,100	7,93,250	7,56,100
(b) 5,08,890, 20,14,612, 90,147, 5,83,560	20,14,612	90,147
(c) 83,617, 92,754, 13,51,721, 3,58,206	13,51,721	83,617

Comparison Of Numbers

Exercise – 2(E)

    2. Find the greatest and smallest number in each of the following.

Solution	Greatest	smallest
(d) 45,76,825, 57,591, 4,83,217, 4,85,617	45,76,825	57,591
(e) 27,148, 62,434, 3,62,514, 62,83,100	62,83,100	27,148

LEARNING OUTCOME:

Students are able to understand how to compare large numbers.

THANKING YOU
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