

**SESSION : 2**  
**CLASS : 3**  
**SUBJECT : MATHEMATICS**  
**CHAPTER NUMBER: 2**  
**CHAPTER NAME :NUMBERS**  
**SUBTOPIC : COMPARISON OF NUMBERS**

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**CHANGING YOUR TOMORROW**

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## LEARNING OBJECTIVE :

Students will be able to :

- \* Compare 4-digit numbers
- \* Use the symbols for greater than, less than and equal to.
- \* Use mathematical symbols for comparison and decision making.

# NUMBERS

## COMPARISON OF NUMBERS

Children you have already learnt to compare 3-digit numbers.

Can you  
say ????

Which place shall we start to compare in a 3-digit number?



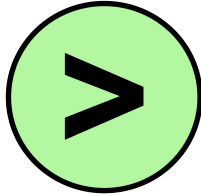
Yes, from HUNDRED (H) place



# NUMBERS

## COMPARISON OF NUMBERS

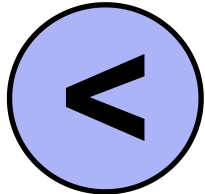
Who can say ????



This sign stands for



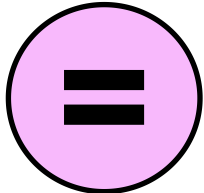
**GREATER THAN**



This sign stands for



**SMALLER THAN**



This sign stands for



**EQUALS TO**

# NUMBERS

## COMPARISON OF NUMBERS

Lets understand through examples

EXAMPLE 1

2 6 7 1 and 2 6 4

Now compare -

Th	H	T	O
2	6	7	1
	2	6	4

Here, 2 6 7 1 has 4 digits and 2 6 4 has 3 digits.

So, 2 6 7 1 is greater than 2 6 4

Or,  $2\ 6\ 7\ 1 > 2\ 6\ 4$

# NUMBERS

## COMPARISON OF NUMBERS

EXAMPLE 2

1 5 9 2 and 6 2 4 1

Now compare -

Th	H	T	O
1	5	9	2
6	2	4	1

Here, in thousands place  $1 < 6$ .

So, 1 5 9 2 is smaller than 6 2 4 1

Or,  $1592 < 6241$

# NUMBERS

## COMPARISON OF NUMBERS

EXAMPLE 3

5 9 2 7 and 5 2 4 1

Now compare -

Th	H	T	O
5	9	2	7
5	2	4	1

STEP 1: Here, in thousands place  $5 = 5$ .

STEP 2: Now compare the hundred place

Here, in hundreds place  $9 > 2$ .

So, 5 9 2 7 is greater than 5 2 4 1

Or,  $5927 > 5241$

# NUMBERS

## COMPARISON OF NUMBERS

EXAMPLE 4

3 9 4 7 and 3 9 8 1

Now compare -

Th	H	T	O
3	9	4	7
3	9	8	1

STEP 1: Here, in thousands place  $3 = 3$ .

STEP 2: Now compare the hundred place

Here, in hundreds place  $9 = 9$ .

STEP 3: Now compare the tens place

Here, in tens place  $4 < 8$ .

So, 3 9 4 7 is smaller than 3 9 8 1 Or,  $3947 < 3981$



# NUMBERS

## COMPARISON OF NUMBERS

### EXAMPLE 4

4 7 3 9 and 4 7 3 1

Now compare -

Th	H	T	O
4	7	3	9
4	7	3	1

STEP 1: Here, in thousands place  $4 = 4$  .

STEP 2: Now compare the hundred place

Here, in hundreds place  $7 = 7$  .

STEP 3: Now compare the tens place

Here, in tens place  $3 = 3$  .

STEP 4: Now compare the ones place

Here, in ones place  $9 > 1$  .

So, 4 7 3 9 is greater than 4 7 3 1

Or,  $4739 > 4731$

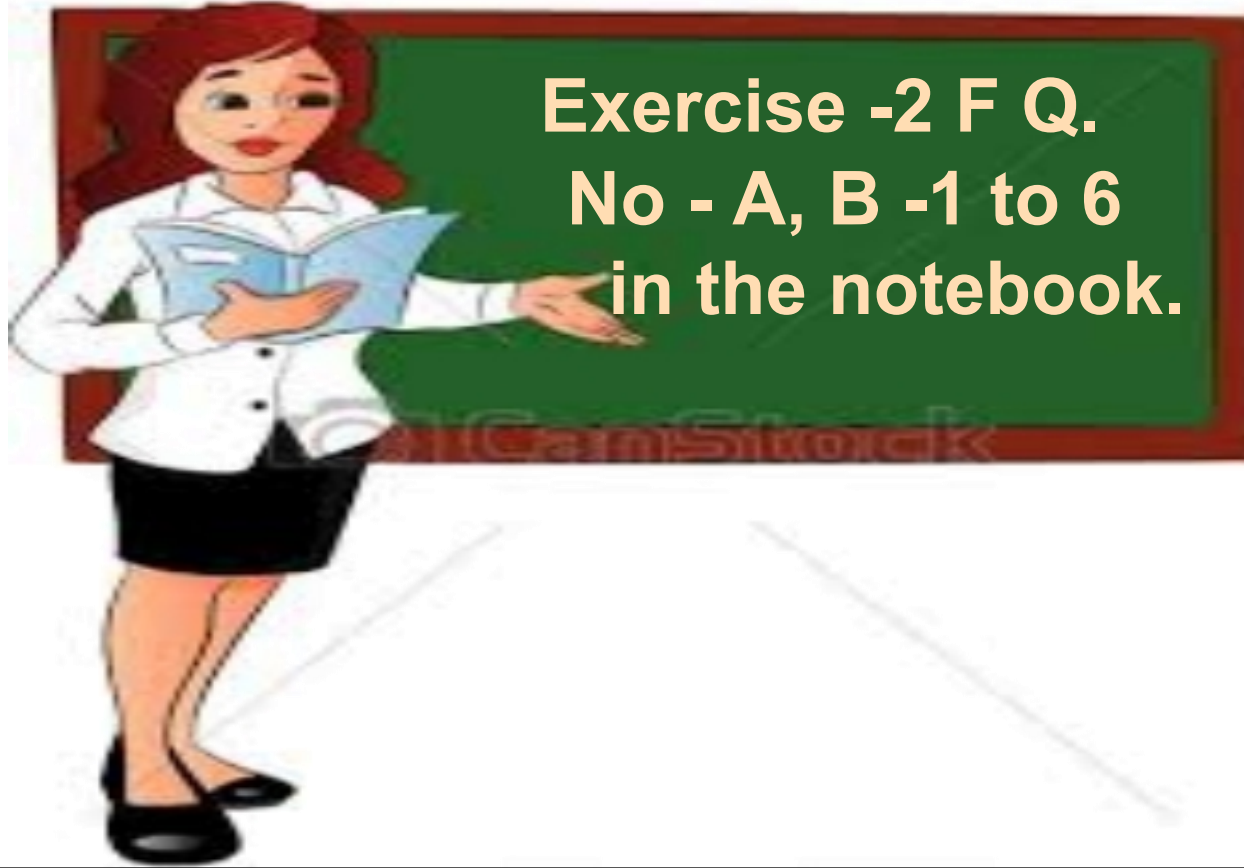
# NUMBERS

## COMPARISON OF NUMBERS

**REMEMBER:** If the digits are same in hundred place then we compare the next place to the right of the hundred place, i.e tens place. If tens place is same then we compare the next place to the right of the tens place, i.e ones place.

# NUMBERS

## COMPARISON OF NUMBERS



# NUMBERS

## COMPARISON OF NUMBERS

A. Compare the following numbers and put the correct sign ' $>$ ', ' $<$ ' or ' $=$ ' between the numbers.

1. 2785  $\textcircled{=}$  2785

2. 7864  $\textcircled{>}$  2439

3. 5789  $\textcircled{>}$  4689

4. 8477  $\textcircled{>}$  2989

5. 5723  $\textcircled{<}$  5811

6. 8042  $\textcircled{<}$  8131

# NUMBERS

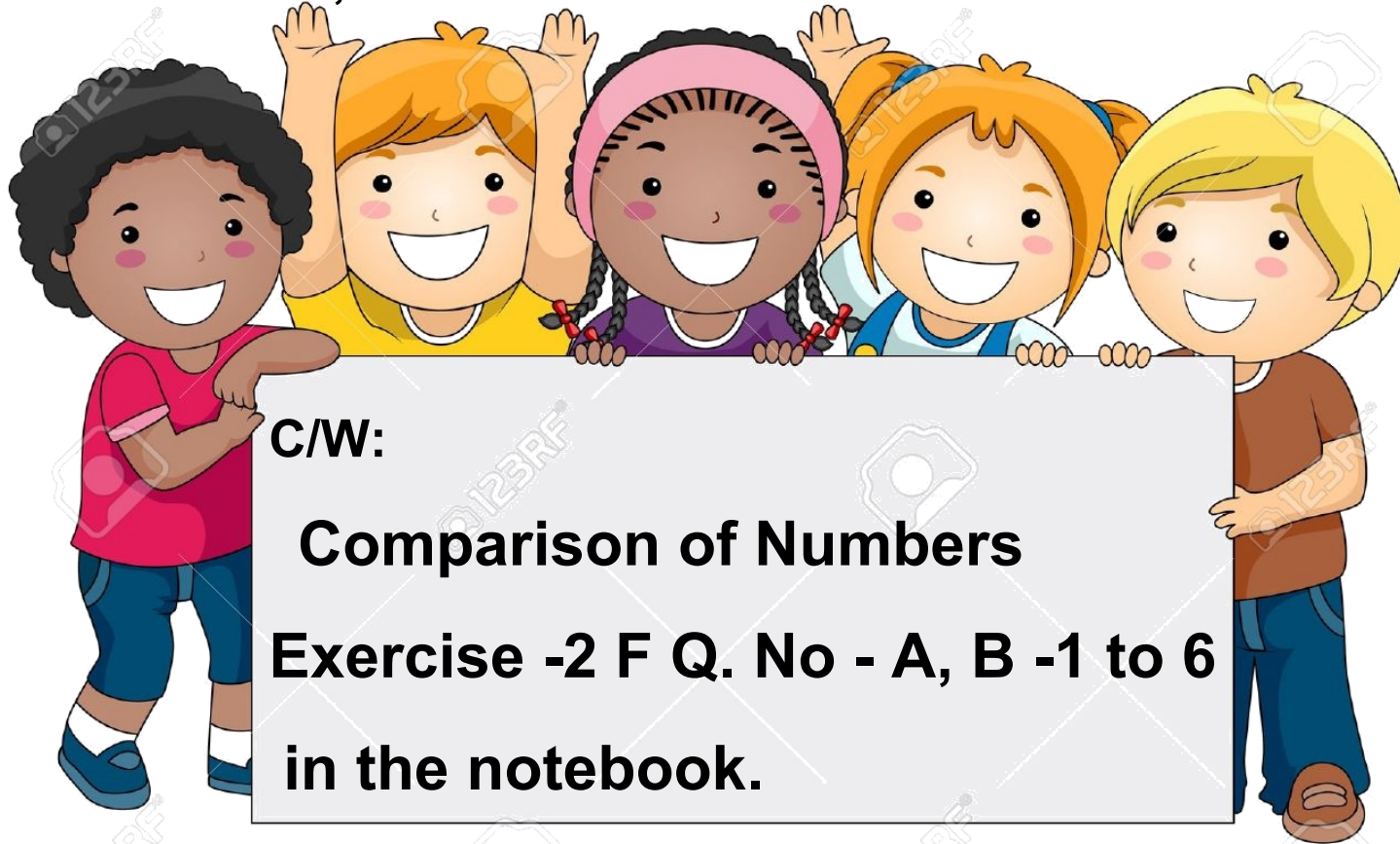
## COMPARISON OF NUMBERS

B. Circle the largest number and cross the smallest number in each row.

1.	1471	<del>146</del>	1163	1167	1165
2.	1721	<del>1271</del>	1282	1605	1642
3.	8735	8543	6354	<del>6345</del>	8549
4.	3578	7825	2410	3005	<del>2352</del>
5.	6305	6035	6350	5630	<del>5306</del>
6.	4625	4526	5246	<del>2564</del>	4265

# NUMBERS

## EXPANDED FORM, SHORT FORM



**C/W:**

**Comparison of Numbers**

**Exercise -2 F Q. No - A, B -1 to 6**

**in the notebook.**

## **LEARNING OUTCOME:**

**Children will be able to identify, discriminate and use the symbols of greater than, smaller than and equal to symbols. Compare numbers up to 9999 using place value.**



**THANKING YOU**  
**ODM EDUCATIONAL GROUP**