

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

CHANGING YOUR TOMORROW

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?



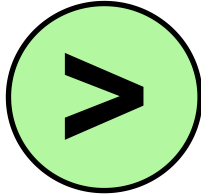
Yes, from HUNDRED (H) place



NUMBERS

COMPARISON OF NUMBERS

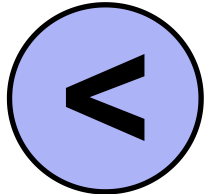
Who can say ????



This sign stands for



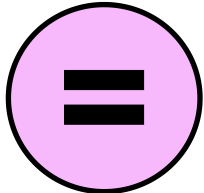
GREATER THAN



This sign stands for



SMALLER THAN



This sign stands for



EQUALS TO

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, $2671 > 264$

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, $1592 < 6241$

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 $9 > 1$.

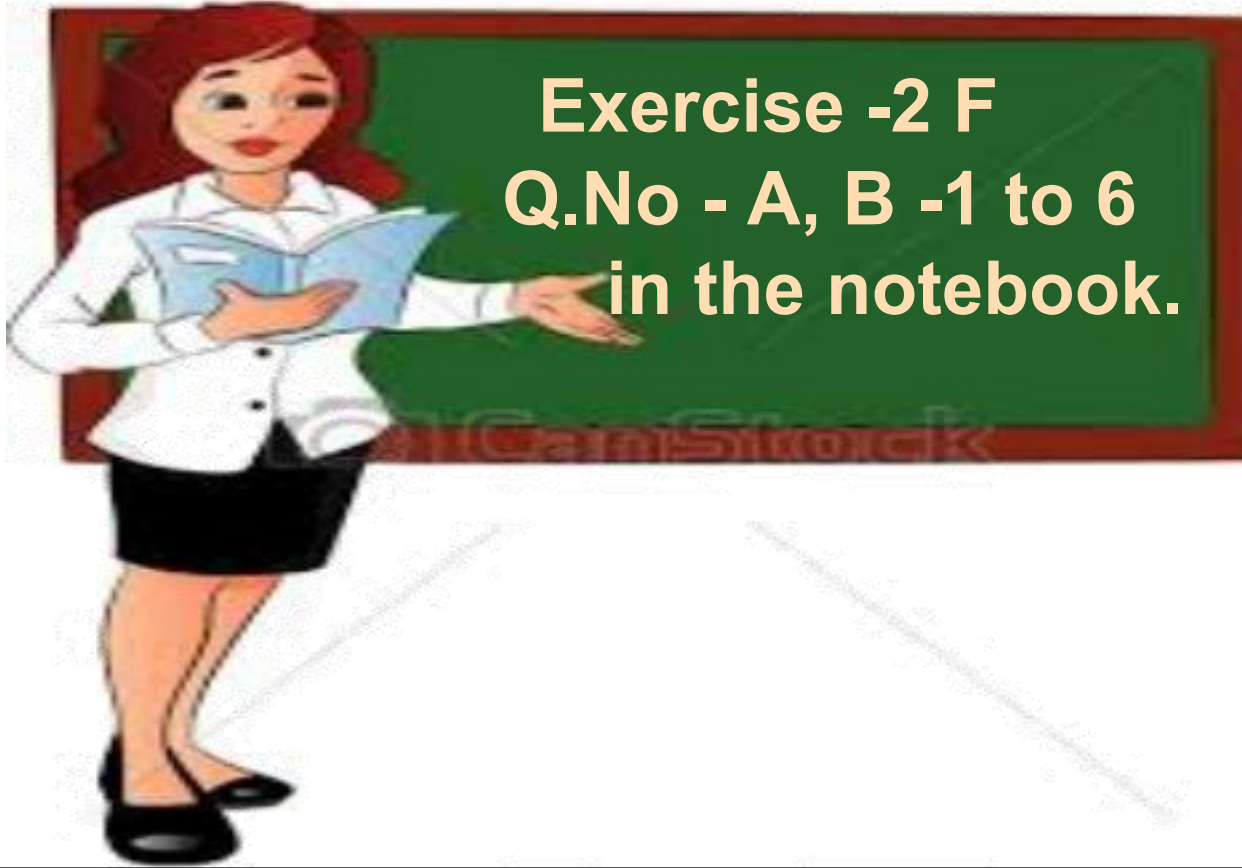
So, 4 7 3 9 is greater than 4 7 3 1

Or, $4739 > 4731$

REMEMBER: If the digits are same in thousand place then we compare the next place, the hundred place. If hundred place is same then we compare the next place, the tens place. If tens place is same then we compare the next place, the 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

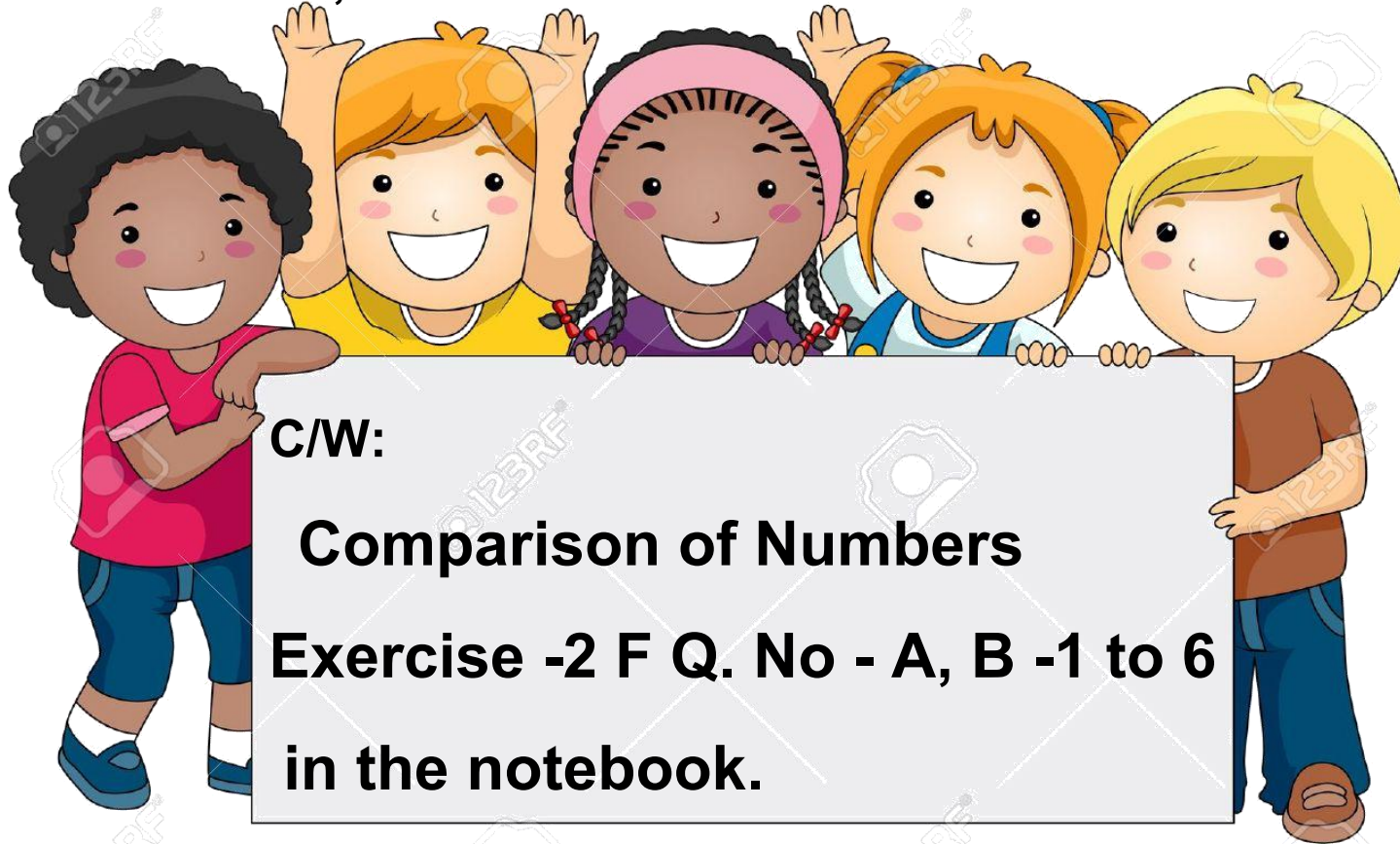
COMPARISON OF NUMBERS

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

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