

Mathematics

Comparing and Ordering Decimals



INSTRUCTIONS: Write the following notes in your Mathematics notebook.

Comparing & Ordering Decimals

All numbers have value. You can compare the value of two numbers by using the following symbols:

Greater Than	Less Than	Equal To
>	<	=

Follow these steps to compare two numbers.

Step 1: Line up the numbers according to place value.

12.4

12.39

Step 2: Compare the numbers in each place starting with the largest.

Start here
1 = 1
2 = 2
4 is more than 3
So.....
12.4 is greater than 12.39

12.4
12.39

Step 3: Use the symbols to show the relationship between the two numbers

12.4 > 12.39

12.4 is greater than 12.39

To order a group of numbers, you complete steps 1-3 with more than 2 numbers.

Start here
3 = 3
4 is more than 3 (3.45 is the greatest)
9 is greater than nothing (3.39 is next largest)
So.....
3.45 is greater than 3.39 which is greater than 3.3

3.45
3.39
3.3