

# 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 number by using the following symbols:

<b>Greater Than</b> <b>&gt;</b>	<b>Less Than</b> <b>&lt;</b>	<b>Equal To</b> <b>=</b>
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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