**Notes**

**Inequalities:**

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| --- | --- | --- | --- |
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**Graphing on a Number Line:**

x < -3
We read it as “x is less than negative three”. Think about what numbers x could be if it is less than negative 3.

Remember solving rules are the same **EXCEPT** you *switch* the inequality when you multiply or divide by a negative number.

 **Examples:** Switch inequality when

-3x < 15 becomes x > -5

 > 5 becomes x < -20

10 > x becomes x < 10

|  |  |
| --- | --- |
| Write your answer in words: | Write your answer in words: |
| Write your answer in words: |
|   |
| Write your answer in words: | Write your answer in words: |
| Write your answer in words: |
|  |
| Write your answer in words: | Write your answer in words: |
|  OR Write your answer in words: |
|  |
| Write your answer in words: | Write your answer in words: |
|  OR Write your answer in words: |
|  |
| Reflection: What have you learned? |

