Standard A.REI.3 **3.4 Solving Multi-Step Inequalities** Unit 4 Day 1

**Inequalities:** A way of describing a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ value.

* To solve inequalities, treat the problem as if it were a normal equation.
* Remember to \_\_\_\_\_\_\_ the symbol if multiplying or dividing by a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

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| Open or Closed Circle:  Shade to the right or left? | Open or Closed Circle:  Shade to the right or left? | Open or Closed Circle:  Shade to the right or left? | Open or Closed Circle:  Shade to the right or left? |

**Example 1:** Solve for . Check your solutions.

**You Try!** What are the solutions of the inequality? Check your solutions.

1.  
2.  
3.  
4. 

**Example 2:** Solve for each solution.

1.  
2.  
3. 
4. 