Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ November 12, 2014

**SOLVING INEQUALITIES**

What is an inequality?

|  |  |  |  |
| --- | --- | --- | --- |
| < | > | < | > |
|  |  |  |  |
|  |  |  |  |

**Solving Inequalities:**

|  |
| --- |
| *x* + 2 > 6 *y* – 4 < 8 3*f* < 15  **-**3*f* < 15 |

1.  2.  3. *d* – 1 ≥ 5 4. -3c ≥ 9

5.  6.  7.  8. 

**Graph the inequality on the number line.**

|  |  |  |
| --- | --- | --- |
|  |  | -9*x* ≤ 90 |

|  |  |
| --- | --- |
|   |  |
|  | 4)   |
|  | 6)  |

**Write the inequality shown in the graph.**

1. 2.

 

3. 4.

  