Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Lesson #6 – Inequalities HW

**YOU MUST SHOW WORK AND SUBSTITUTION IN ORDER TO RECEIVE CREDIT!!!!!!**

|  |  |
| --- | --- |
| 1. Which values of **t** make the inequality true? Circle ALL that apply.

  $4t-1<12$ 1 6 4 5 3 2 | 1. Which values for ***m***from the set {3, 5, 7} make the inequality true?

$$5m-6<20$$ |
| 1. Consider the inequality $8x+3>14$. Which values make the inequality true?

1 2 3 4 5 6 | 1. Is 8 a solution to the inequality below?

$$3x-(4+x)\geq 12$$ |

**Mixed Review: SHOW ALL WORK.**

|  |  |
| --- | --- |
| 1. 30 is what percent of 120?
 | 6. Order the following from GREATEST to LEAST. 3.04, - 3.2, - 3.214, -3.06 |