**NEW OBJECTIVES**

* Solve linear inequalities.
* Solve a system of linear inequalities.

**Monday, 1.27.25**

**Turn in your Linear Modeling Project.**

**Take notes.**

**Class Work/Homework:**

**(1 – 7) Solve and graph the solutions:**

**(1)**

****

(2)

 5(*x* - 3) > 10

(3)

 

(4)

 4(*x* - 1) > 3(*x* - 2)

(5)

 

(6)

 

(7)

 5 + *x* > 7 **or** *x* - 3 < 5

(8**)**

 -12 < 2x + 4 < 28

|  |  |
| --- | --- |
| (9) Graph this system of linear inequalities and label the solution by shading its region. |    *y*< 2*x* - 6    **and**    *y* > -3*x* + 4 |

**Wednesday, 1.29.25**

**Discuss the previously assigned** class work/homework.

**Study for the Quiz (Solving Linear Inequalities) to be taken on Monday, 2.3.25.** You may use one page of notes, written front and back on an 8.5 by 11 inches sheet of paper.

**Friday, 1.31. 25 \_\_\_B-DAY, NO CLASS**