Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Table #: \_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_\_\_

**4.4A Solving Two-Steps Inequalities\_Classwork**

*Objective: solve multi-step inequalities; solve real-life problems. CC.SS.7.EE.4b*

HW: textbook- 4.4B pg 150\_ #3-12 ALL

|  |  |  |  |
| --- | --- | --- | --- |
| **WARM-UP**   |  |  |  | | --- | --- | --- | | 1. Solve for x | 1. Solve for x | 1. Solve for x. | |

Example Problems:

|  |  |
| --- | --- |
| 1. Solve. | 1. Solve. |
| 1. Solve the inequality | 1. Solve the inequality |
| 1. Which graph represents the solution of | |
| 1. The area of the rectangle is at most 30 square feet.     **x – 2 ft**  **4 ft** | |
| 1. Are the solutions to the following inequalities the same? Explain why or why not. | |

**PRACTICE PROBLEMS**

Solve the inequality. Graph the solution.

1.  2. 

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3.  4.

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