Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_ Formative Score: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**HW #5 Mandatory Problems:**

**Learning Target #2:** “I can create, solve, and graph inequalities in one variable.” A-CED.1, A-REI.3

Solve the inequalities. Represent the solution set on the number line given.





**Learning Target #3:** “I can create, solve, and graph inequalities in two variables.” A-REI.12

1. Match the inequality to the graph.







1. Asd



**Learning Target #4:** “I can graph the solution set to a system of linear inequalities in two variables.” A-REI.12

1. Graph the linear inequalities on the same set of axes.





**Linear Systems Ch 4**

9-98. When a family with two adults and three children bought tickets for a movie, they paid a total of $27.75.  The next family in line, with two children and three adults, paid $32.25 for the same movie.  Find the adult and child ticket prices by writing a system of equations with two variables.  [Homework Help ✎](http://homework.cpm.org/cpm-homework/homework/category/CC/textbook/CCA/chapter/Ch9/lesson/9.4.1/problem/9-98)

**Expressions Ch 3**

3-49. Write the area of the rectangle at right as a product and as a sum. Homework Help ✎



Multiply the polynomials using a generic rectangle. Write the area as a product of the dimensions equal to the sum of the parts.

 **Individual Practice Problems: Look at the Learning Target Page and pick 2 practice problems from the chart.**

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| **Learning Target** | **Problem** | **Work** |
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