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

**HW #3 Mandatory Problems:**

**Learning Target #1:** “I understand all of the symbols associated with inequalities and understand what a solution set represents.”

1. Write the algebraic expression for: 6 less than a number is greater than 4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. 9-74. Thui made the following hypotheses: and . Which of the following conclusions can she make? Homework Help ✎
   1. WORK:

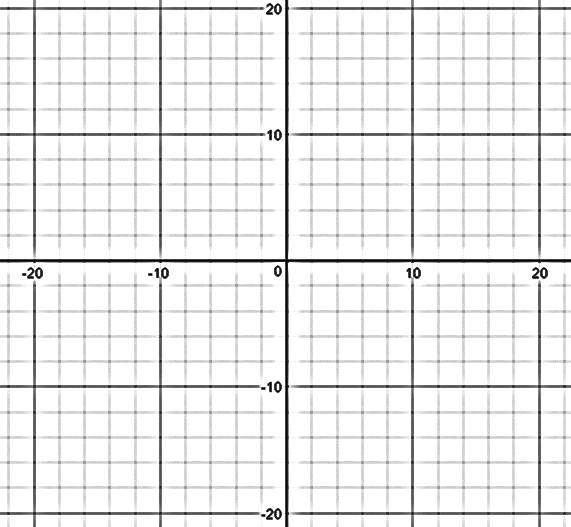
**Learning Target #2:** “I can create, solve, and graph inequalities in one variable.” A-CED.1, A-REI.3

1. Mrs. Davis has $20 to spend on an Uber ride. The ride cost $5 to pick up and then $2.50 per mile. Write and solve an inequality to determine the maximum number of miles Mrs. Davis can ride in the Uber. Then graph the solution set.



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

1. Explain when you graph with a solid boundary line.
2. Explain when you graph with a dashed boundary line.
3. Mrs. Davis was awarded $200 to spend in her classroom. She wants to buy whiteboard markers and batteries for the calculators. The packs of whiteboards markers cost $10 and the packs of batteries cost $5. Write an inequality to represent this situation. Graph the inequality. Then list three possible buying options I have and explain what it means.



**Absolute Value Equations Ch 3**

1. Solve the following absolute value equation. How many solutions should you have? Check your work!



**Systems of Equations Ch 4**

1. Solve the linear systems. Check your solution. What is your solution? How should you write your solution?



**Individual Practice Problems: Look at the Learning Target Page and pick 3 practice problems from the chart.**

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