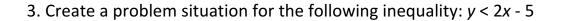**Writing Inequalities from Verbal Statements**

Name:

Date:

Vocabulary Review :
In your own words, define each of the following vocabulary terms.

- Inequality

- Equation

- Slope-Intercept Form

- Standard Form

Apply New Learning :
1. How can you tell if a situation involves less than or greater than?

2. How can you determine when a situation is an "or equal to?"

3. Create a problem situation for the following inequality: $y < 2x - 5$

4. Create a problem situation for the following inequality: $y \geq x - 2$

5. Create a problem situation for the following inequality: $5x + 3y \leq 15$

6. Create a problem situation for the following inequality: $x + y > 10$

7. Tim needs at least 44 coins to move to the next level of his video game. He can get 4 coins for every box he smashes. Write an inequality to represent this situation. Define your variable.

8. Caryn has $500 in her savings account. By the end of the summer, she would like to have more than $3,000. She makes $8 an hour working at the grocery store. Write an inequality to represent this situation. Define your variable.