Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_

# WS 4-5

**Graphs and Solving Equations**

**SHOW ALL YOUR WORK TO RECEIVE FULL CREDIT**

**I. Slope and Intercepts**

1. Find the slope and y-intercept of the equation .

2. Find the slope and y-intercept of the equation .

**II. Slope-Intercept Form**

3. Write the equation in slope-intercept form, then graph . 

4. Are the two equations parallel? Why or why not?

**III. Solving Linear Functions**

5. Write the one-variable equation as a related function.

a. b. c.

**IV. Solving Graphically**

6. Solve graphically. Check your solution algebraically.



**V. Solving Algebraically**

7. Solve algebraically. Check your solution graphically.

