

**Algebra I**

**HW 4-8 Point-slope form and linear equations #4**

Name \_\_\_\_\_

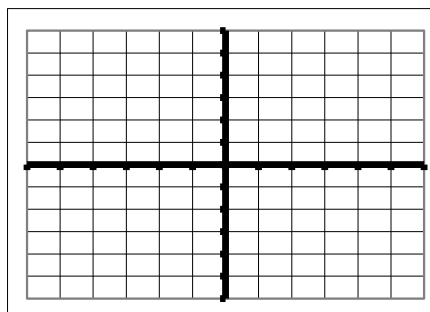
Date \_\_\_\_\_ Per \_\_\_\_\_

For each pair of points:

- a. Find the slope
- b. Write the equation of the line going through the two points in point-slope form
- c. Write the equation of the line going through the two points in slope-intercept form
- d. Write the equation of the line going through the two points in standard form
- e. x and y intercepts
- f. Graph the equation

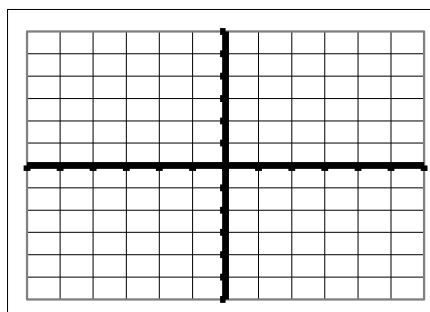
1. (1, 2), (2, 4)

- a. Slope : \_\_\_\_\_
- b. Point-Slope: \_\_\_\_\_
- c. Slope-Intercept: \_\_\_\_\_
- d. Standard Form: \_\_\_\_\_



2. (-2, -2), (1, 0)

- a. Slope : \_\_\_\_\_
- b. Point-Slope: \_\_\_\_\_
- c. Slope-Intercept: \_\_\_\_\_
- d. Standard Form: \_\_\_\_\_



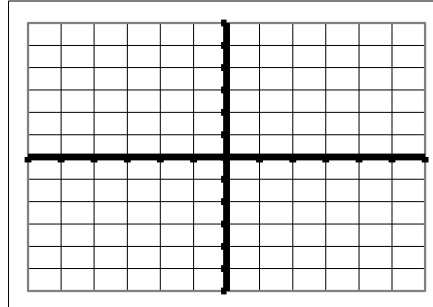
3.  $(-1, 3), (1, 1)$

a. Slope : \_\_\_\_\_

b. Point-Slope: \_\_\_\_\_

c. Slope-Intercept: \_\_\_\_\_

d. Standard Form: \_\_\_\_\_



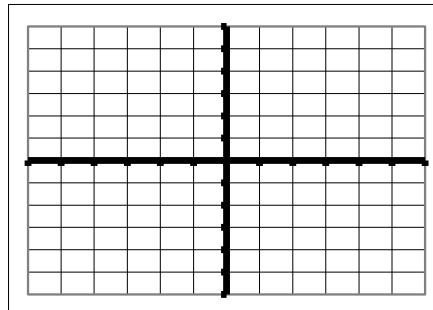
4.  $(5, -1), (2, -2)$

a. Slope : \_\_\_\_\_

b. Point-Slope: \_\_\_\_\_

c. Slope-Intercept: \_\_\_\_\_

d. Standard Form: \_\_\_\_\_



5.  $(4, -1), (4, 2)$

a. Slope : \_\_\_\_\_

b. Point-Slope: \_\_\_\_\_

c. Slope-Intercept: \_\_\_\_\_

d. Standard Form: \_\_\_\_\_

