3.5 Day 2 Homework Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

1. Write an equation in point-slope form of the line that passes through (2,1) and has a slope of 2.
2. Write an equation in point-slope form of the line that passes through (7, -1) and has a slope of -6.
3. Write an equation in point-slope form of the line that has a slope of  and passes through

(5,-12).

1. Write an equation in point-slope form of the line that has a slope of  and passes through (6,8).
2. Write an equation in point-slope form of the line that passes through (7,2) and (2,12).
3. Write an equation in point-slope form of the line passes through the points (-4,-1) and (6,-7).
4. Write an equation in point-slope form of the line that passes through the points (-5,-19) and (5,13)
5. Write an equation in point-slope form of the line that passes through the points (6,0) and (0,9).
6. Write an equation in point-slope form of the line that has a slope of  and passes through

(5,-12).

1. Write an equation in point-slope form that passes through (-3,-20) and (4,36). Rewrite the equation in slope-intercept form.
2. Write an equation in slope intercept form for the line that has a slope of  and passes through the point (0, 5).
3. Write an equation in slope intercept form for the line that passes through the points (5,19) and (0,-13).
4. Write an equation in slope-intercept form for the line that passes through the points (-6,13) and (0,20).