

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

## Worksheet 3.4H: Point Slope Form | Chapter 3

Write an equation in point-slope form for each line.

1. passes through (4, 7), slope = 2

2. passes through (-2, -1), slope = 4

3. passes through (8, -4), slope =  $\frac{1}{2}$

4. passes through (3, -8), slope = 3

5. passes through (-4, -5), slope =  $-\frac{3}{4}$

6. passes through (1, -3), slope = -1

7. passes through (0, 1) and (2, 5)

8. passes through (-5, 9) and (1, 3)

9. passes through (1, -1) and (2, 0)

10. passes through (3, -6) and (-1, 2)

11. passes through (1, 4) and (3, -6)

12. passes through (4, 7) and (0, 3)