Algebra 1 Name _____

HW 4-8 Finding the equation of a line. #2 Date _____ Period _____

Use point-slope formula to find the equation of the line.

1. (5, 7), (6, 8)

2. (-2, 3), m = -1

3. (1, 2), (3, 8)

4. (-2, 3); m = 4

5. (4, 7); m = $\frac{2}{3}$

6. (6, -2); m = $\frac{1}{2}$

7. (0, 5), (-3, 2)

8. (0, 7), $m = 4$

9. (4, 2), (-4, 2)

10. (-2, -6); $m = -7$

11. (6, 2); m = $\frac{3}{4}$

12. (-9, 8); m = $-\frac{5}{3}$