Name:

Algebra

Section 8.5

**Write an equation in slope-intercept form of each line described**

1. slope: -3, y-intercept: 4 2. Slope: 2/3, y-intercept: 9

3. slope: -1/3, y-intercept: 3 4. Slope: 3, passes through (4, 1)

5. slope: -1, passes through (8, 5) 6. Slope: 1/3, passes through (6, 0)

7. slope: -2/5, passes through (5, 7) 8. Slope: 0, passes through (-5, 4)

**Write an equation in slope-intercept form of the line passing through the given points**

9. (0, 3), (2, -1) 10. (-3, 4), (3, -4)

11. (-2, 4), (4, 2) 12. (-3, -1), (1, -4)

13. (-1, -2), (0, 3) 14. (3, 0), (-2, 5)

**Write an equation in slope-intercept form for the line described**

15. y-intercept: -5, x-intercept: 3