Name _____ Date _____ Period ___

Algebra 2 // Unit 2 // 2.4 // Practice 2 2008-2009

Directions: Write the equation of the following lines in slope-intercept form.

1. Write the equation of the line that has a slope of -3 and a y-intercept of 1.

2. Write the equation of the line that has a slope of 2 and a y-intercept of 0.

3. Write the equation of the line that has a slope of 0 and a y-intercept of -6.

4. Write the equation of the line that has an undefined slope and an x-intercept of 2.

5. Write the equation of the line that has a slope of 1 and passes through (4, -3)

6. Write the equation of the line that has a slope of $\frac{1}{2}$ and passes through (-8, 0)

7. Write the equation of the line that has a slope of -6 and passes through (-1, -1)

8. Write the equation of the line that has a slope of $-\frac{2}{3}$ and passes through (6, 2)

9. Write the equation of the horizontal line that passes through (4, 1)

10. Write the equation of the vertical line that passes through (-7, -2)

11. Write the equation of the line that has a slope of zero and passes through (-3, 5)

12. Write the equation of the line that passes through (2, -4) and (4, 2)

13. Write the equation of the line that passes through (-1, 6) and (3, 2)

14. Write the equation of the line that passes through (0, 4) and (6, 7)

15. Write the equation of the line that passes through (2, 4) and (2, -10)

16. Write the equation of the line that passes through (5, -3) and (4, -5)

17. Write the equation of the line that passes through (-7, 1) and (0,1)

18. Write the equation of the line that passes through (2, -4) and (-4, 1)

19. Write the equation of the line that passes through the origin and the point (-7, 3)

20. Write the equation of the line that has an x-intercept of 5 and a y-intercept of -6.