Algebra 0507
Chapter 6
WS #5   **Name**_____

Write the equation of the line in slope-intercept form given the slope and point on the line.

1. $m = \dfrac{2}{3}$; (2 , -1) Equation_____	2. $m = -4$; (0 , 3) Equation_____
3. $m = 5$; (-2 , -1) Equation_____	4. $m = 1$: (6 , 0) Equation_____
5. $m = -2$; (7 , 4) Equation_____	6. $m = 0$; (3 , -5) Equation_____
7. $m = -\dfrac{1}{3}$; (-6 , 9) Equation_____	8. $m = \dfrac{4}{5}$; ($\dfrac{1}{4}$, 10) Equation_____

9. Write the equation of the line that has a y-intercept of -1 and is parallel to
   $2y = 3x - 8$.

   Equation_____

10. Write the equation of the line that passes through the point (-1 , 5) and is parallel to
    $-2y + 4x = 8$.

    Equation_____

11. Write the equation of the line that has the same slope as the graph of $3y + x = 5$ and the
    Same y – intercept as $3y - 4x = 9$

    Equation_____

12. Write the equation of the line that passes through the point (5 , -4) and is parallel to
    $4x - 2y = 8$.

    Equation_____