

## 7.5 Graphing Using Slope-Intercept Form Worksheet

*Graph using the slope-intercept method.*

1.  $y = \frac{2}{3}x + 2$

2.  $y = -\frac{3}{4}x$

3.  $y = -5x + 7$

4.  $y = 3x + 5$

5.  $y = -\frac{1}{2}x + 6$

6.  $y = \frac{9}{5}x + 1$

7.  $y = \frac{3}{8}x - 5$

8.  $y = -2x + 3$

9.  $y = -x + 5$

Write the equation of each line with the given slope and y-intercept and then graph.

10.  $m = 2, b = 3$

11.  $m = -1, b = 4$

12.  $m = \frac{2}{3}, b = -1$

13.  $m = -\frac{4}{5}, b = 8$

14.  $m = -3, b = \frac{5}{2}$

15.  $m = 0, b = 3$

