Graph each equation using *x*– and *y*-intercepts.

1. $x + y = 3$
2. $x + 3y = -3$
3. $-2x + 3y = 6$
4. $5x - 4y = -20$

5. $3x + 4y = 12$
6. $7x + 3y = 21$
7. $y = -2.5$
8. $2x - 3y = 4$

9. $x = 3$
10. $3x - 2y = -6$
11. $5x + 2y = 5$
12. $-7x + 2y = 14$

Write an equation of a line with the given slope and *y*-intercept.

25. $m = 4, b = 8$
26. $m = -2, b = -6$
27. $m = \dfrac{4}{3}, b = 0$

28. $m = -\dfrac{9}{5}, b = -7$
29. $m = -6, b = 1$
30. $m = \dfrac{3}{7}, b = -1$

Make a table of values for each and graph it.

21. $y = 4x - 11$
22. $y = 2x - 6$
23. $y = -2x - 3$
24. $y = 5x - 32$

29. $y = \dfrac{5}{2}x - 22$

30. $y = \dfrac{7}{3}x + \dfrac{25}{3}$

31. $y = -\dfrac{x}{3} + \dfrac{2}{3}$

32. $y = -6x - 38$