Chapter 2 Section 4
Linear Functions and Slope
Problems

Find the x-intercept and y-intercept the graph
1) $3x - y = 6$ 2) $6x - 3y = 15$

3) $3x = 5y - 15$

Find the slope of the line that passes through each pair of points. Indicate whether the line through the points rises, falls, is horizontal, or is vertical
4) (3, 1) and (5, 4)   5) (2, 5) and (-1, 5)

6) (-3, -4) and (-1, 6)

Find the slope and y-intercept of each line whose equation is given the graph the linear function.
7) $3x + y = 2$ 8) $2x + y = 0$

9) $7x + 2y = 14$

Graph the following:
10) $f(x) = -4$ 11) $3y = 18$

12) $x = 5$ 13) $4x = -12$