8.2 - 8.4 Review

1. Graph these on one graph:

   a. (-4, 2) m=½
   b. (6,1) m= -4
   c. (-5, -4) m= 0

2. Write the equation in Slope-Intercept form. Determine the slope and both intercepts.

   a. $6x - y = 12$
   b. $-2x - 12 = 3y$

3. Write the equation in Standard form. Determine the slope and both intercepts.

   a. $4y = \frac{2}{3}x - 1$
   b. $16 + 4x = 12y$

4. Write the equation in Point-Slope form.
   a. Given: (-3, 9) m= ½
   b. Given: (2, 8) m= -2
   c. Given: (-7,-9) m= 5
   d. Given: (6, -3) (4,-8)
   e. Given: (-2, -4) (-8, -1)
   f. Given the table:

x	1	-5	-11
y	-6	12	30

5. Graph these equations on one graph:

   a. $y - 5 = \frac{1}{4}(x + 3)$
   b. $y + 1 = -2(x + 4)$

6. Graph these equations on one graph:

   a. $y = \frac{2}{5}x - 4$
   b. $-4x - y = 12$