Name:

1) For each graph: Write the equation of the line in SLOPE-INTERCEPT FORM.



2) Find the slope of the line through each pair of points. $Slope = \frac{y_2 - y_1}{x_2 - x_1}$ a. (8, -7) and (5, -3) b. (-5, 9) and (5, 11) c. (-8, -4) and (-4, -9)

3) Tell whether each slope is positive, negative, zero, or undefined.



4) For each linear equation, identify the slope (m) and the y-intercept (b)

a.
$$y = 4x - 5$$

b. $y = 11 + \frac{2}{3}x$
c. $y = \frac{2}{3} - x$
d. $6 - \frac{9}{2}x = y$
e. $y = \frac{5}{2}x - \frac{19}{8}$
f. $-\frac{5}{4} - \frac{2}{7}x = y$