Algebra 2 Name:_____

Linear Equations 2

1. Write the slope (m) and y-intercept (b) of the graph for each equation.

(a) $y = 5x + 2$

$m =$
$b =$

(b) $y = 2x - 7$

$m =$
$b =$

(c) $y = \frac{1}{3}x + 6$

$m =$
$b =$

(d) $y = 3x - 1$

$m =$
$b =$

(e) $y = \frac{3}{2}x + 9$

$m =$
$b =$

(f) $y = \frac{1}{5}x$

$m =$
$b =$

(g) $y = \frac{-1}{4}x + 4$

$m =$
$b =$

(h) $y = -2x + 6$

$m =$
$b =$

(i) $y = -9x$

$m =$
$b =$

(j) $y = \frac{3}{4}x - 5$

$m =$
$b =$

(k) $y = x + 1$

$m =$
$b =$

(l) $y = -x + 2$

$m =$
$b =$

2. Solve each equation for y. Then write the slope (m) and y-intercept (b) of the graph.

(a) $5x + 2y = 12$

$m =$
$b =$

(b) $6x + 2y = 10$

$m =$
$b =$

(c) $4y - 3x = 20$

$m =$
$b =$

(d) $x + y = 8$

$m =$
$b =$

(e) $x - 2y = 6$

$m =$
$b =$

(f) $x + 3y = 15$

$m =$
$b =$