Algebra 1 Fall   Name_____ ID: 1
POW #7   Date_____ Period____

Solve the equations. Must show work for credit.

1) $-6 + \dfrac{b}{2} = -15$

2) $-3 - 3(1 - 4m) = -90$

3) $40 + 5n = 4(4n - 1)$

Write the slope-intercept form $y = mx + b$ of the equation of the line through the given points.

4) through: $(-3, 3)$ and $(0, -1)$

Sketch the graph of the line that goes through the points (0, 5) and (-2, 3), and find the slope using

$$m = \dfrac{y_2 - y_1}{x_2 - x_1}$$

5)