

POW #15

Date _____ Period _____

Solve the equation. Must show work for credit.

1) $7a + 35 = -2(8 + 4a) + 6$

2) $6(n - 2) = -20 + 2n$

Solve the system by substitution.

3) $-3x + 3y = -18$
 $y = -2x + 9$

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

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

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

Sketch the graph of the line that goes through the points $(5, 0)$ and $(0, 3)$, and WRITE EQUATION OF LINE.

5)

