

D2
Algebra 3-4 Homework ~~01~~ LT AA1a

2-38.) Serena wanted to examine the graphs of the equations below on her graphing calculator. Rewrite each of the equations in **y-form** (when the equation is solved for y) so that she can enter them into her calculator.

a. $5 - (y - 2) = 3x$

b. $5(x + y) = -2$

2-50.) Solve each equation below.

a. $2 - (x + 5) = 7 - 2x + 3$

b. $(2x + 4)(x - 3) = 0$

c. $\frac{5x+4}{3} = \frac{2x+1}{5}$

2-55.) For the function $f(x) = \sqrt{3x - 2}$, find the value of each expression below.

a. $f(1)$ b. $f(9)$ c. $f(4)$ d. $f(0)$ e. What value of x makes $f(x) = 6$?

2-90.) Factor each expression below.

a. $3y^2 + 6y$

c. $w^2 - 5w + 6$

b. $x^2 - 4$

d. $9x^2 - 4$

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