Name: _____   Date: _____

Learning Goal 6.1	I can solve linear equations.

Recall to solve an **equation**

Solving Equations with Variables on Both Sides

Example Solve the following by simplifying, then applying the opposite operations. Check your answer.

a. $5x = 4x - 4$ b. $2y = 2 + 4y$

c. $7m + 8m = -10m + 5$ d. $2x - 5x = x + 8$

e. $3x + x = 5x - 6$ f. $-3a + 8 = 4a + 22$

g. $12 + 2(k + 3) = 3k - 6$ h. $3(n - 2) - 19 = 5 + 2(n + 5)$

i. $5(c + 4) = 4(2c - 3) - 7$ j. $4(x + 2) - 3(x + 1) = 2(x + 2)$

k. $3(2x - 5) - (x + 3) = 2(x + 1) + 4$ l. $12(2x - 1) - 4(-2x - 1) = 2(x + 11)$

Assignment   p. 93 #17 – 41, p.98 #17 – 51   Quiz Next Day!