Math 61, Lecture 2, Spring 2009
Extra Problems for section *Solving Recurrence Relations*:

1. For the recurrence relation: $a_n = -a_{n-1} + 6a_{n-2} + 5(2^n)$
(**a**) Find the general solution.
(**b**) Use your answer from part (a) above to get the solution subject to the initial conditions $a_0 = a_1 = 1$.

2. Find the general solution of the recurrence relation: $a_n = 2a_{n-1} - a_{n-2} - 4$