Homework 9
Due: Friday, November 1

For practice: §10/all
Turn in: §10/2, 17 (bar means complement), 19, and the following:

A. Suppose a sequence (a_n) is given by $a_0 = 1, a_1 = 3$, and $a_n = 2a_{n-1} - a_{n-2}$ for $n \geq 2$. Prove that $a_n = 2n + 1$ for all n.