Additional Problems for Homework 12
for Janet Vassilev's Math 317 course

A Solve $a_n = a_{n-1} - 4a_{n-2} + 4a_{n-3}$ for $n \geq 3$ where $a_0 = 1$, $a_1 = 3$ and $a_2 = 6$.

B Solve $a_n = \sqrt{3}a_{n-1} - a_{n-2}$ for $n \geq 2$ where $a_0 = 3$ and $a_1 = 2$.