Homework 9
for Janet Vassilev's Math 319 course

Do problems 5.1, 5.2, 5.3, 5.4

(A) Find continued fractions for $\frac{22}{7}$, $\frac{101}{47}$ and $\sqrt{3}$.

(B) Find the partial convergents for the the continued fraction: $[2, 1, 3, 1, 2]$.

(C) Find a formula for $p_n q_{n-3} - p_{n-3} q_n$ in terms of a_n and a_{n-1}.