(THIS WAS ONLY ONE PROBLEM ON HW 7)
For each of the following sequences find a simple function $a_n$ such that the sequence is $a_1, a_2, a_3, \ldots$,

1. 10, -17, 24, -31, 38, -45, 52, 
   SOLUTION TO 3a
   $(-1)^{n+1}(7n + 3)$

2. -1, 1, 5, 13, 29, 61, 125, 
   SOLUTION TO 3b
   $2^n - 3$

3. 6, 9, 14, 21, 30, 41, 54, 
   SOLUTION TO 3c
   $n^2 + 5$