Algebra 2B Name:   
Section 12-1 Date:

**Homework**

***Intro to Sequences Worksheet***

I. Find the first 5 terms of each sequence.

1) 2) 3)

4) 5)

II. Write a possible explicit rule for the *n*th term of each sequence.

6) 7) 2, 8, 18, 32, 50, ...

8) 5, 0.5, 0.05, 0.005, ...

III. Complete the application problem.

9) Chairs for an orchestra are positioned in a curved form with the conductor at the center. The front row has 16 chairs, and each successive row has 4 more chairs. Graph the sequence and describe its pattern. How many chairs are in the 6th row?