

Math 100
Fall, 2008

Name _____
Class Time _____

Homework #1
Due Wednesday, September 3
No late homework accepted! No excuses!

1. Use Gauss' method to find the following sums.

a. $1 + 2 + 3 + 4 + \cdots + 890 + 891 + 892 + 893$

b. $2 + 4 + 6 + 8 + \cdots + 890 + 892 + 894 + 896$

c. $1 + 3 + 5 + 7 + \cdots + 891 + 893 + 895 + 897$

2. Consider the sequence: 1, 5, 9, 13, 17,

a) What is the next term?

b) What is the 50th term?

c) What is the n th term?

