

MAT 2440

Prof. Ghezzi

Writing Assignment 1 (10 points)

It is due on **Monday, September 25, 2017** at the beginning of class. No late homework will be accepted.

Note: For credit write clear and logical explanations using complete sentences. Papers will be graded on both writing and mathematics. I am not considering incomplete and/or disorganized papers. Your work can be either handwritten or typed.

- 1) Prove that the product of 2 odd numbers is odd.
- 2) Prove that if n is an integer and n^3+1 is odd, then n is even.