

Prof. S. Brick  
Summer '04

Math 201  
section 501

## Math for Elem Ed I; Quiz 1

Show your work

0. Print your name: \_\_\_\_\_

1. Describe the difference between inference and deduction. Be concise.

2. Construct rows 0 thru 5 of Pascal's triangle.

3. Use Gauss's trick to find the sum of the arithmetic progression  $1 + 5 + 9 + 13 + 17 + 21 + \dots + 81$ .