

Math 182

Quiz 16

Name: _____

November 16, 2004

Show all work for credit.

1. Determine if the series; $\sum_{n=1}^{\infty} \frac{\ln n}{n^2}$ converges.

2. Find an expression for the n th partial sum of the series; $\sum_{n=4}^{\infty} \frac{3}{n(n-1)}$