Math 128

Quiz 4 – November 6, 2008

Name _____

Correct answers without work are worth no credit!

1. For each of the following, use either the Integral Test or the Direct Comparison Test to show that the series converges or diverges.

   (a) $\displaystyle\sum_{k=1}^{\infty} \frac{1}{k \ln k}$

   (b) $\displaystyle\sum_{k=1}^{\infty} \frac{1}{k^2 + k}$