

Math 126: Calculus II
Quiz 8 October 31, 2000

Name: _____
Section: _____

Determine whether the following series converge or diverge. *Justify your answer, carefully showing all your work.*

1. $\sum_{n=1}^{\infty} ne^{-n}$

2. $\sum_{n=1}^{\infty} \frac{\sqrt{n}}{n^3 + 5}$