MAT 142
Quiz #8

April 14, 2005

Intructions: You have 15 minuntes for this quiz. You may not use any books, notes, or calculators. Justify every statement that you make. If you wish to use a theorem proved in class, state the theorem precisely. Good luck.

For what values of x does the series $\sum_{k=1}^{\infty} \frac{3^k}{k} x^k$ converge?