Quiz 11 for Calc4 on Dec. 4, 2014

| Name: | RUID: |
|--------|-------|
| Email: | |

1. Determine the region of x such that the following series is convergent



2. Write the following expression into a single power series

$$\sum_{n=2}^{\infty} n(n-1)a_n x^{n-2} + x \sum_{n=1}^{\infty} na_n x^{n-1} - \sum_{n=0}^{\infty} a_n x^n$$