Math 2260 Quiz 18.5 (Practice)

Name _____

Points will be deducted for untidy or disorganized answers

1. (5 points) Find the *radius of convergence* and *interval of convergence* of
   the power series
   $$\sum_{n=0}^{\infty} \frac{n^2(x-3)^n}{2^{2n+1}}$$