

Mini-Test Series Study Sheet

- Convergence/Divergence
 - Geometric
 - Nth term test of **divergence**
 - Ratio Test (can also be used to find the radius of convergence)
- Sum of convergent geometric series
- Create a series based off of value of 1st, 2nd, 3rd, ... nth derivative of a function.
- Radius of convergence
- Approximate the value of a function by using the first few terms of a sequence.
- Determine maximum error of an alternating series