

Unit 2 Test - Wednesday 3/9/16

- Evaluate simple improper integrals (limit form)
- Integrate using u-substitution and chain rule
- Determine convergence/divergence of improper integrals using:
 - Comparison test
 - Extension of comparison test (Functions that go below x-axis)
- Upper and lower Riemann Sums in summation notation form based on whether function is increasing or decreasing
- Evaluate upper and lower sums if they can be written as geometric series
- Resources provided:
 - Formulas for geometric series
 - You may use your integration rule sheet (will not be provided)