

MATH 202 Exam III (7.4 - 8.2) Review

1. Know how to use the method of partial fractions.
2. Know the Trapezoidal Rule and how to use it to approximate the definite integral.
3. Know the Midpoint Rule and how to use it to approximate the definite integral.
4. Know the Simpson's Rule and how to use it to approximate the definite integral.
5. Know the definition and how to evaluate an improper integral.
6. Know the formulas for Arc Length and Areas of a Surface of Revolution.
7. Know how to determine Arc Length and Areas of a Surface of Revolution.

Example exercises: Quiz & Homework questions; Ch.7 Review, Ch.7 Review, #1, 2, 19, 25, 41 - 50, 63 - 66; Ch.8 Review, 1-4;