

Questions on Test 3

The Unit 3 Exam will consist of five questions. It will be very similar to the Fall 2005 exam.

1. Calculate Definite Integrals (via FTC and Substitution)
2. Numerical Approximation:
Riemann Sum
Trapezoidal Rule
Simpson's Rule
3. Areas/Volumes
4. Other Cumulative Sums (Average Value, Probability, Work)
5. Sketch the Graph of $F(x) = \int_a^x f(t) dt$.

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18.01SC Single Variable Calculus
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