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 $F(x) = \int_a^x f(t)\, dt$.

18.01SC Single Variable Calculus
Fall 2010