Part I (due at the beginning of class Wednesday, December 3)

Finish the front of the u-substitution handout (the indefinite integrals side).

Part II: WeBWorK (due Saturday, December 6, by 11 PM)

Click here for your WeBWorK assignment. Complete the DW 34 WeBWorK assignment.

Part III: Homework Problems (due FRIDAY, December 5 at the beginning of class)

1. Evaluate the integral.

    (a) $\displaystyle\int x^3 \cos(x^4)\,dx$

    (b) $\displaystyle\int \frac{dx}{(x+9)^2}$

    (c) $\displaystyle\int x\sqrt{x^2-4}\,dx$

    (d) $\displaystyle\int \sin^5 x \cos x\,dx$

    (e) $\displaystyle\int \sec^2(4x+9)\,dx$