**Problem Set 6          Calculus 1          Due 7/27/05**

You are encouraged to work in groups of two to four on this assignment and make a single group submission.  Each problem is worth 5 points.  **For full credit indicate clearly how you reached your answer.**  All work must be legible and submitted on clean paper without ragged edges.

1. Do #14 in §5.1.

2. Compute $L_3$, $R_3$, $L_6$, and $R_6$ for the definite integral $\displaystyle\int_0^3 \left(9 - x^2\right) dx$.

3. Evaluate $\displaystyle\int_0^3 \left(9 - x^2\right) dx$ exactly using the Definition of the Definite Integral.

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