APEX Sect 5.5 Notes

1. Are we keeping this in Calculus I or moving it to Calculus II?
2. If we deal with the left and right endpoint rules, should we also deal with the midpont rule? Tim and Michele disagree.
3. Under Simpson's Rule on page 245, Michele wonders if we should show that $\int_{x_1}^{x_3} f(x)dx = \frac{x_3-x_1}{6}(y_1 + 4y_2 + y_3)$. I might include this as an exercise myself.
4. On page 250, should there be some example where we compute what n needs to be in order to guarantee a sufficiently small error?
5. **Additional Problems:** add other applications.