

18.01, September 15, 2003
Recitation Suggestions

1. Answer questions. Likely to be PS#1 questions. PS#1 into box in 2-106 before lecture. Tuesday.
2. Work through some practice probs. All of the equations in 1F-7, 1F-8 are things they will see in other classes.
3. Work through a chain rule that is more complicated. Emphasize a methodical approach: give names to intermediate functions, don't try doing two steps at once, remember to back-substitute and simplify for the final answer.
4. Finding formulas for higher derivatives: $y = \sqrt{x} = x^{\frac{1}{2}}$ maybe? (There will be one of these type of problems on the exam, but don't tell them this).
5. Maybe 1G-3. I did y'' in lecture for $x^2 + y^2 = 1$.
6. Practice with logarithms. Could prove that $\log_2 3$ is irrational (not so critical for class, but fun).
7. Different decay, growth of a savings account (compounded costs), growth of a bacteria culture, ptt, decibels.