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October 2nd, 2014

- P.170 Problem 1.
- P.171 Problem 8(c).
- Prove or disprove the following statement: if $f'(a)$ exists, then so does $f''(a)$.
- Construct a function which is continuous everywhere but not differentiable anywhere. You need to specifically write down how you construct it.[Hint: google "Weierstrass function"]