Math 555 — Fall 2016 — Homework Assignment 2 — Due Thursday, Sept. 22

(1) (Thursday?) Page 32, Problem 5. (Hint for the "if" part: first figure out what is the negation of the statement: "the sequence $f(z_n)$ approaches A for every sequence z_n approaching z_0.")
(2) (Friday?) Page 33, Problem 13. (Justify your answers.)
(3) (Saturday?) Page 43, Problem 6.
(4) (Sunday?) Page 43, Problem 7.
(5) (Monday?) Page 43, Problem 8.
(6) (Tuesday?) Page 44, Problem 11(b,d).
(7) (Wednesday?) Page 44, Problem 14(b,c).