Duke Math 431
Spring 2015

Homework 5

Due Friday, February 13

Reading. Section 3.1.

Problems.
Section 2.5: #1(a,c), 3, 4, 5, 9.
For #1, you do not need to prove your answers are correct.

Section 2.6: #1, 2, 4, 7.
Hint: For #1, let $a_n \to a$. To show that $\{a_n\}$ has exactly one limit point, it suffices to show that if d is a limit point then $d = a$.
For #2, you do not need to prove your answers are correct.