Problem Set 7
Due Friday, May 22.

Real Analysis

Math 131A, Spring Quarter 2015

1. Do problems 18.1, 18.4, 18.5 in the textbook.
2. Let $f\colon [0,1] \to \mathbb{R}$ be a continuous function with $f(0) = f(1)$. Show that there is some $x \in [0,1]$ such that $f(x) = f(x + \frac{1}{2})$.