Math 131A-3: Homework 9

Due: December 6, 2013

1. Do problems 32.3, 32.7, 33.3, 33.4, 33.6, 33.8, 33.11, 33.13, 34.2, 34.5, 34.7, 34.8 in Ross.

   [Note 1: The hint in 32.7 seems to require you to use the fact that a sum of integrable functions f and g is integrable with $\int(f+g) = \int f + \int g$, which is a theorem in Section 33. You can either use this fact or do the problem directly.]

   [Note 2: 33.3 has a typo. The last point in the partition should be u_m, not c_m.]