

## MATH 4280 Homework Assignment 5

Due on Wednesday, October 25th, at the BEGINNING of class.

**Section 2.2:** 16

**Section 2.3:** 20, 21, 25 (You can use the fact that Riemann integrable functions are Lebesgue integrable with the same integral for 25!)

**Section 2.4:** 32 (you don't need to prove that  $\rho$  is a metric), 36, 38