# MAT 141
## Problem Set #8

due in recitation on October 28 or 29, 2004

1. Apostol, section 2.4, # 2, 3, 7, 11, 21
2. Apostol, section 2.8, # 4, 5, 19, 21, 26, 27
3. Prove that $\int_a^b (f-g)(x)\,dx = \int_a^b f(x)\,dx - \int_a^b g(x)\,dx$.