MAT 141
Problem Set #7

due in recitation on October 21 or 22, 2004

1. Apostol, section 1.25 # 1, 3, 6, 10, 12, 13, 16, 23, 25
2. Prove that $\int_a^b (f-g)(x)\,dx = \int_a^b f(x)\,dx - \int_a^b g(x)\,dx$.