MAT 141
Problem Set #11

due in recitation on November 18 or 19, 2004

1. Apostol, section 3.6 # 11, 12, 15, 16, 31
2. Apostol, section 3.8 # 18–20
3. Apostol, section 3.11 # 1, 2, 4, 5
4. Prove that if $F(x)$ and $G(x)$ are two different indefinite integrals of the same function $f(t)$, then $F(x) - G(x)$ is a constant.