Math 4200-001
Week 5-6 concepts and homework
hw5 Due Friday October 2 at 11:59 p.m.

Do the following problems using the Theorems from section 2.1-2.2. These include the
FTC Theorem 2.1.7; *Cauchy's Theorem* 2.2.1 and 2.2.3; the *Deformation Theorem*
2.2.2 which we also call the *Replacement Theorem;* and the *Antiderivative Theorem*
2.2.3 for simply connected domains.

2.2 : 5, 11.
2.3 7, 10.