## MATH 185-03: Complex Analysis

 $\begin{array}{c} \text{Homework } \#1 \\ \textit{Due September 10, 2014} \end{array}$ 

- 1. Gamelin Exercise I.1.3 (Chapter I, Section 1, Exercise 3)
- 2. Gamelin Exercise I.1.5
- 3. Gamelin Exercise I.1.7
- 4. Gamelin Exercise I.2.5
- 5. Gamelin Exercise I.2.6
- 6. Gamelin Exercise I.3.2
- 7. Gamelin Exercise I.3.4
- 8. Gamelin Exercise I.4.1(a)(c)(e) and Exercise 1.4.2 for the curves in I.4.1(a)(c)(e)