MATH 185-03: Complex Analysis
Homework #2
Due September 17, 2014

1. Exercise I.5.2 (a)(c)

2. Exercise I.5.3

3. Exercise I.6.2 (d)(e)(f)

4. Exercise I.6.3

5. Exercise II.1.11 (note that Arg z means the principal value of the argument, whereas arg z is the multivalued argument)

6. Exercise II.2.3

7. Exercise II.2.4

8. Exercise II.2.5