

MATH 185-04: Complex Analysis

Homework #2

Due February 7, 2014

1. Exercise I.5.2 (a)(c)(f)
2. Exercise I.5.3
3. Exercise I.6.2 (b)(d)(e)(f)
4. Exercise II.1.11 (note that $\text{Arg } z$ means the principal value of the argument, whereas $\text{arg } z$ is the multivalued argument)
5. Exercise II.1.12
6. Exercise II.1.17
7. Exercise II.2.3
8. Exercise II.2.5