

# Math 302: Solutions to Homework

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## Abstract

Below are detailed solutions to the homework problems from Math 302 Complex Analysis (Williams College, Fall 2010, Professor Steven J. Miller, [sjm1@williams.edu](mailto:sjm1@williams.edu)). The course homepage is

[http://www.williams.edu/Mathematics/sjmiller/public\\_html/302](http://www.williams.edu/Mathematics/sjmiller/public_html/302)

and the textbook is *Complex Analysis* by Stein and Shakarchi (ISBN13: 978-0-691-11385-2). Note to students: it's nice to include the statement of the problems, but I leave that up to you. I am only skimming the solutions. I will occasionally add some comments or mention alternate solutions. If you find an error in these notes, let me know for extra credit.

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