

Some Guidelines for Your Book Review

The motivation for this assignment is that there are a lot of cool books out there about mathematics, and as part of your general education, you should get in the habit of reading them. This is an opportunity to learn about a mathematician or area of mathematics that you wouldn't be exposed to otherwise.

Some possibilities include *Fermat's Enigma*, *A Mathematician's Apology*, *Flatterland*, *The Code Book*, *The Man Who Knew Infinity* (a biography of Srinivasa Ramanujan), *The Man Who Loved Only Numbers* (an account of Paul Erdos), and *Beyond the Third Dimension: Geometry, Computer Graphics, and Higher Dimensions*.

Here are the important dates to keep in mind:

September 18	Title of book due
October 16	Progress report due
November 4	Book Review due

Your report should **not** be a summary of the book. Instead, you should give a critique of the book. Here are a few suggestions:

- You will want to give a brief one or two page overview of the book that gives the big picture.
- You should address what aspects of the book were done well, which were not, and give specific suggestions that would improve the book.
- Be sure to address the mathematical content of the book. Was it explained well? Was it interesting? Did the exposition want to make you learn more about the area?
- Comment on who you think the appropriate audience for the book is. Could anyone read the book? Does it assume some mathematical background? Do you have to be an expert to enjoy the book?
- Finally, give your opinion on whether or not you would recommend this book to someone else.
- There are no hard-and-fast rules, but I imagine that the review will be a minimum of four to five typed pages.