WRITING ASSIGNMENT 3, 18.100C

This assignment is very simple: Choose a mathematical statement and explain it to three audiences of your choice.

A few constraints:

- Each explanation should be approximately one page in length.
- One audience should be mathematically sophisticated and another should be genuinely unsophisticated.
- Try to choose a specific, well-defined mathematical statement. A good example might be "the Mean Value Theorem". A bad example might be "analysis in the 20th century."
- Organize your paper in three sections, titling each section with the intended audience.

To get you thinking about potential audiences, here are a few samples (feel free to draw from this list or invent your own):

- your grandfather,
- President Obama,
- the interviewer at your Google job interview,
- Jeffrey Lebowski,
- L. Rafael Reif,
- Euclid.

Technical details. Write your paper in LaTeX in the amsart document class, 11-point font. Submit both .tex and .pdf files. Your grade will be based on clarity of exposition, mathematical correctness, and readability of LaTeX in the final version of your paper. The assignment is worth 35 points.

Date: October 26, 2012.

18.100C Real Analysis

Fall 2012