

Math 311 — Homework 10

OCTOBER 22, 2008

Instructions.

Provide complete solutions to the following problems. Show your work:

- **Problems:** Pages 187–197 numbers 64, 71, 72 (Think World Series.), 73 (Remember that there are two teams.), 79, and 82.
- **Theoretical Exercises:** Pages 197–201 numbers 18 (Maximizing $f(x)$ is the same as maximizing $\ln(f(x))$.), 19, and 27.
- **Self-Test Problems and Exercises:** Pages 201–204 number 15 (Yeah, the answer is in the back of the book, but make sure you understand the solution.)