Reminder: The exam is Wednesday, February 3.

General Information: The exam will consist of terms to define, computational problems, and the dreaded true/false. It is worth 100 points.

Chapter One

- Sections studied: 1.1, 1.3
- Terms to know: difference quotient
- Skills to drill: finding a difference quotient for a given function; using transformations to sketch the graph of a function; finding the domain and/or range of a given function; common trigonometric functions and their graphs
- Problems to Ponder: Page 53: #3,5,7,9,11,13

Chapter Two

- Sections studied: 2.1–2.5
- Terms to know: limit of a function $f$ as $x$ approaches $a$ is $L$, vertical asymptote, infinite limits, left- and right-hand limits, continuity, Intermediate Value Theorem
- Skills to drill: be able to find a limit graphically, analytically, or using the definition; be able to determine if a function is continuous at a given point; be able to exploit the Intermediate Value Theorem; be able to construct a function continuous at a given point
- Problems to Ponder: Page 109: #1,2,3–15,17,19,27

Final Exam Review Sheet Problems

- Consider the following relevant problems from the final exam review sheet: 1–6, 7abcdefghilo, 8, 9, 11