The following study guide lists topics you should be familiar with, along with a list of practice problems from the text. Along with these practice problems, it is a good idea to review your old homework, online homework, and notes. You are welcome to log into the online homework and work on extra problems as practice.

1. Real Numbers, Set-builder notation, Interval Notation
2. Rules of exponents
3. Factoring trinomials, formulas for factoring
4. Combining rational expressions, finding domain and range
5. Radicals
6. Using the Graphing Calculator (review the calculator questions)
7. Linear Functions, Function Notation
8. Slope, Lines, Finding equations of lines, Applications of slope
9. Practice Problems:
   i. Page 52: 1-51
   ii. Page 54: 1-33
   iii. Page 71: 39-58, 57-66, 71-77
   iv. Page 87: 55-62
   v. Online Homework on Functions and Graphs of Lines