MATH 1314 (College Algebra)

Homework Assignment – 8

The Midterm Exam is on March 6

• New material:
  Review Sections 3.4-3.6; just pay attention to the main terms and definitions.

• Solve exercises:
  - pages 148-150: # 45, 51, 57
  - pages 159-160: # 13, 15, 29, 55, 73
  - pages 173-178: # 1, 9, 17, 21, 33

• Prepare for the Midterm Exam
  Review Chapters 2 and 3. If needed (if you are not comfortable with the material), review Chapter 1.
  Solve Practice Tests on page 96 (1–16) and page 191 (4–9 and 12).
  The Midterm Exam on March 6 covers
  - linear and quadratic equations
  - linear and quadratic inequalities
  - equations and inequalities with radicals, fractions, and absolute values (many of them can be reduced to either linear or quadratic form)
  - Cartesian coordinates
  - slopes and equations of straight lines
  - functions: domain, range, zeros, increasing and decreasing behavior
  Special attention: Sections 2.1-2.5, 3.1-3.3, 3.6