Due Date: July 15, 2015   Name:_____

Instructions: Complete ALL the exercises listed on this worksheet on a separate sheet of paper and staple this sheet to the front. Show ALL your work and please write neatly. This assignment is due at the *beginning* of the recitation period on the date above unless otherwise specified (you will be notified both in class and on Blackboard). Group work is allowed and encouraged, but each member must write up his/her own solutions. Submissions without staples, without a name, or without work shown will not receive credit.

All exercises come from Chapter 2 Review Exercises in the text book.

§2.1   Complex Numbers

Pages: 381.
Exercises: 2, 4, 6, 8, 10, 12.

§2.2   Quadratic Functions

Page: 382.
Exercises: 14, 18, 20, 22.

§2.3   Polynomial Functions and Their Graphs

Page: 382.
Exercises: 24, 26, 28, 30, 32, 34.

§2.4   Dividing Polynomials; Remainder and Factor Theorems

Page: 383.
Exercises: 42, 44, 46, 48.

§2.5   Zeros of Polynomial Functions

Page: 383.
Exercises: 50, 52, 54, 60, 62, 66, 68.

§2.6   Rational Functions and Their Graphs

Page: 383.
Exercises: 70, 72 (no graph), 74 (no graph), 76.