

MAT170 HOMEWORK 02

Due Date: July 10, 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.

§1.6 TRANSFORMATION OF FUNCTIONS

Pages: 272-273.

Exercises: 64, 66, 70, 74, 78, 80.

§1.7 COMBINATIONS OF FUNCTIONS; COMPOSITE FUNCTIONS

Page: 273.

Exercises: 86, 90, 92, 94, 98.

§1.8 INVERSE FUNCTIONS

Page: 273-274.

Exercises: 100, 102, 104, 106, 108.

§1.10 MODELING WITH FUNCTIONS

Page: 274.

Exercises: 122, 124, 126.