

MAT170 HOMEWORK 04

Due Date: July 24, 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 3/4 Review Exercises in the text book.

§3.1 EXPONENTIAL FUNCTIONS

Pages: 453.

Exercises: 2, 4, 6, 8, 10.

§3.2 LOGARITHMIC FUNCTIONS

Page: 454.

Exercises: 14, 16, 20, 22, 30, 32, 34, 36, 40, 44.

§3.3 PROPERTIES OF LOGARITHMS

Page: 455.

Exercises: 50, 52, 54, 56, 58, 60

§3.4 EXPONENTIAL AND LOGARITHMIC EQUATIONS

Page: 455.

Exercises: 64, 66, 72, 74, 76, 80, 84

§3.5 EXPONENTIAL GROWTH AND DECAY; MODELING DATA

Page: 456.

Exercises: 86, 88, 92

§4.1 ANGLES AND RADIAN MEASURE

Page: 580.

Exercises: 2, 4, 6, 8, 10, 12, 14, 16.