

CHAPTER 7 HOMEWORK

MAT 204

SPRING 2010

I. Chapter Overview:

This chapter will cover the definitions of the six basic trigonometric functions as they relate to the right triangle and the unit circle, the graphs of the basic trig functions, and some important trigonometric identities.

II. Homework Problems:

Section in Text	Problem Numbers
Section 7.1	# 13, 19, 23, 27, 29, 33, 35 – 69 odd
Section 7.2	# 13, 19, 23, 27, 29, 35, 39, 41, 43, 45, 55, 57
Section 7.3	# 17, 19, 21, 25, 29 – 45 odd, 59, 61, 63, 65, 69, 75
Section 7.4	# 13, 19, 21, 27, 29, 31, 33, 35, 37, 39, 41, 45, 49, 51, 53, 57, 59, 61, 63, 65, 69, 73, 77, 83, 87, 91, 99, 103
Section 7.6	# 19 – 27 odd, 39, 41, 45*, 47*, 51*, 55*, 67, 69, 81, 93 *Graph at least one full cycle. Clearly label values on each axis.
Section 7.8	# 3, 5, 7, 9, 11 (For each of these functions, state the amplitude, period, vertical shift, and/or phase shift. Then graph the function on your calculator to verify your answer. You do NOT have to graph the function by hand.) #29 (Use your calculator to graph the scatterplot and find the sinusoidal function of best fit.) #37 (Parts a – c)

III. Homework Quiz Dates

HW Quiz # _____ Date: _____ Sections Covered: _____

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