

Chapter 7: Trigonometric Identities and Equations Assignment Guide

Chapter Objectives

Use reciprocal, quotient, Pythagorean, symmetry and opposite-angle identities (7.1)
Verify trig identities (7.2, 7.3, 7.4)
Use sum, difference, double-angle and half-angle identities (7.3, 7.4)
Solve trig equations and inequalities (7.5)
Find the distance from a point to a line (7.7)

Assignment#	Section	Homework
1	7.1 Basic Trig Identities	pg. 427 #18, 20, 44-53,25-29 odd
2	7.1 continued	pg. 428 #14-16, 33-36, 38-43
3	7.2 Verifying Trig Identities	pg. 434 #5-9, 14-18,29-31
4	7.2 continued	Worksheet
5	7.3 Sum and Difference Identities	pg. 442 #14, 17, 18, 26-28, 35,36,38
6	7.3 continued	pg. 442 #19-22, 29-31
7	7.4 Double- and Half-Angle Identities	pg. 453 #6, 7, 17-19, 22, 24
8	7.3/7.4 Review	Finish Review Worksheet
9	Solving Equations (Review)	Worksheet
10	7.5 Solving Trig Equations	pg. 459 #17, 19, 21, 24, 26, 31, 35
11	7.5 continued	pg. 460 #30-34 even, 40-44 even
12	Chapter Review	Objective WS
13	Optional Review (additional 2%)	pg. 478 #12-56 every other even (skip #'s40-46)