

Pre Calculus Unit 2: Graphs of Circular Functions

Lesson 1: Graph Changes: $y = A\sin(B(x - C)) + D$

HW p. 394-395 #1,5,9,13,17,21,25,29,33,37,45,49

Lesson 2: Scale Changes and Translations

HW p.394 #3,7,11,15,19,23,27,31,35,39
p 395 #53,55,61,63,65 (Graph 61,63,65 by hand)

Lesson 3: Writing Equations Given Graphs, Modeling Using Trig Functions

HW p 395 #54,56,66-68 (66-68 graph by hand)
p. 396 #77,79,81,83,85; 93 (Be able to do 79 w/o calculator)

Lesson 4: Graphs of Tangent, Cotangent, Secant, and Cosecant Functions

HW p. 396 #78,80 (without a calculator); 82,84,94,95
p. 403 #5-11 odd; 21-27 odd

Lesson 5: Inverses of Trig Functions (Relations only!)

HW p 403 #6-12 even; 22-28 even
p. 423 #1-11 odd; 23-31 odd; 47-51, 59,61

Lesson 6: Review

HW p. 439 #36-38, 53-66, 69-72, 77-82, 85-87, 105, 106
** Be sure to practice writing equations given graphs

Lesson 7: Test