

Pre Calculus Unit 6 Outline – Function Theory

Lesson 1: Domain, Intervals, and Continuity

HW: Worksheet (Finding Domains)

Lesson 2: Range, Limits, and End Behavior

HW: p. 98 #1-53 (every other odd)

Lesson 3: Toolkit Functions and Piecewise Functions

HW: p. 98 #3-53 (every other odd)
p. 109 #1-51 (every other odd)

Lesson 4: Transformations of Toolkits and Piecewise Functions

HW: p. 109 #3-51 (every other odd)
p. 139 #1-53 (every other odd)

Lesson 5: Applications (minimizing surface area, maximizing volume, etc)

HW: p. 139 #3-51 (every other odd)
Worksheet

Lesson 6: Operations on Functions, Compositions, and Inverses

HW: p. 127 #1-19 (odd), 27-61 (odd)

Lesson 7: Review

p. 157 #1-58, 61-64

Lesson 8: Test