

A.P. Calculus (All dates and assignments tentative at my discretion.)

Chapter 5 – Logarithmic, Exponential, and Other Transcendental Functions

Day 1: _____: **The Natural Logarithmic Functions: Derivatives**

p. 321: 19-34, 41-59 odds, 63, 65, 71a, 73, 77, 87, 89

Day 2: _____: **The Natural Logarithmic Functions: Integrals**

p. 330: 1-15 odds, 19, 21, 22, 29-35 odds, 37

p. 321: 48, 50, 54, 72a, 74

Day 3: _____: **Inverse Functions**

p. 338: 9-12all, 13, 15, 29, 35, 36, 47, 49,

p. 330: 39, 43, 45

Day 4: _____: **More on Inverse Functions and Quiz Review**

Study the following problems for quiz 1.

p. 321: 33, 47, 48, 59, 71a, 73, 89

p. 330: 5, 13, 30, 31, 43

p. 338: 29, 36, 47, 75, 79d

Day 5: _____: **Quiz 1**

Homework:

Day 6: _____: **Exponential Functions**

p. 347: 2, 3, 7, 12, 37-49 odds, 87-99 odds, 111

Day 7: _____: **Other Bases**

p. 357: 19, 23, 35, 41, 46, 51, 53, 57, 59, 61, 63, 67

p. 347: 42, 48, 59, 69, 88, 115, 126, 127

Day 8: _____: **Inverse Trig.**

p. 386: 5-15all, 19, 21-29 odds, 31

p. 357: 37, 44, 64, 68, 101, 106

Day 9: _____: **Derivatives of Inverse Trig.**

p. 386: 41-44 all, 46-50 all, 53, 56

p. 357: 52, 58, 65

Day 10: _____: **Integrals of Inverse Trig.**

p. 393: 1, 3, 9, 11, 13, 15, 19, 33(delete x from numerator), 35

p. 405: 92, 94, 95, 96

p. 386: 55

Day 11: _____: **Quiz Review**

Study the following problems for quiz 2.

p. 347: 41, 53, 59, 91, 95, 115

p. 357: 35, 43, 45, 51, 53, 63, 65, 96

p. 386: 7, 11, 12, 17, 23, 41, 44, 46, 55

p. 393: 3, 7, 9, 33 (delete x from numerator), 35

Day 12: _____: **Quiz 2**

Homework for Exam

p. 321: 72a, 73, 90

p. 330: 6, 32, 48

p. 338: 72

p. 347: 42, 55, 106, 116

p. 357: 44, 52, 66

p. 386: 42, 44, 48

p. 393: 4, 16, 55

Day 13: _____: **Review Day**

Day 14: _____: **Test Chapter 5**