

A.P. Calculus

Chapter 1 – Limits

Day 1: Limits

Graphically and Numerically

p. 54 3-15 odds

p. 65 1-61 odds

Day 2: One-sided limits

Piecewise $|x|$ and greatest integer $\|x\|$

p. 54 12,14

p. 65 12,38,63,83

p. 76 11,12,15,16,17,19,21

Limits Worksheet 1 odds (except 7)

Day 3: Continuity

Removable and Nonremovable

p. 76 1-6 all, 25-47 odds (except 29,31), 57, 59

Continuity Worksheet 1 1a,c, e, 2a,c, e

Day 4: Chapter 1 Quiz 1

Limits

One-sided limits

p. 54 3,11,13,14

p. 65 5, 19, 21, 35, 37, 45, 55, 57, 61

p. 76 12, 15, 17

Limits Worksheet 1 odds (except 7)

Day 5: Infinite Limits

p. 85 1-7,33-43 odds

p. 76 46, 48

Continuity Worksheet 1 1d, 2f

Day 6: Vertical Asymptotes and Intermediate Value Theorem

p. 85 9-25 odds, 29, 31

p. 78 83, 85,95, 100, 103

Continuity Worksheet 1 1b,f

Limits Worksheet 1 2, 6, 8

Day 7: Quiz Review / Catch Up

Homework Due Day 9

p. 65 8,32,38

p. 76 40, 60, 84

p. 85 12, 29, 31, 34, 38

Limits Worksheet 1 1, 8

Continuity Worksheet 1 1a, e, 2d

p. 88 11, 12, 16, 17, 19, 51

Day 8: Chapter 1 Quiz 2

Continuity, Infinite Limits, Vertical Asymptotes, and Intermediate Value Theorem

Continuity Worksheet 1 1a,d, e, 2 e

p. 76 25, 28, 37, 46, 57, 85, 95

p. 85 11, 29, 30, 33, 38, 41

Day 9: Exam Review

Go over Homework questions

Day 10 Chapter 1 Exam