

Math 323 Homework

Kenneth A. Ross: Elementary Analysis: The Theory of Calculus 2nd ed.

Suggested review of Math 308 material:

Chapter 1:

Section 1 # 1.4, 11

Section 2 # 2.1 ($\sqrt{3}$ only, either method), 8

Section 3 # 3.3, 5, 7(c), 8

Section 4 # 4.1, 2, 3, 8, 9, 11, 15, 16

Section 5 # 5.1, 3, 4

Assignments for Math 323:

*** section which may not be covered, or covered (partially or fully) out of sequence only if time allows**

Chapter 2:

Section 7 # 7.4

Section 8 # 8.1(b), 2(a,c), 3, 6, 9

Section 9 # 9.4, 7, 8, 17

Section 10 # 10.1, 3, 4, 6, 9

Section 11 # 11.2, 7, 8, 9

Section 12 # 12.3, 5, 6

Section 13* # 13.3, 5, 9, 10, 11, 12, 15

Section 14 # 14.1, 5, 9, 13

Section 15 # 15.1, 3, 7(a)

Section 16* # 16.1, 2, 4(d,f), 5(a,b), 7, 8, 10

Chapter 3:

Section 17 # 17.1, 2, 4, 8, 9(a,b), 13, 14

Section 18 # 18.2, 4, 5, 6

Section 19 # 19.1, 2(a), 3, 4, 5, 8, 9

Section 20 # 20.1, 3, 4, 7, 8, 12, 14, 16, 17, 19

Section 21* # 21.5, 6, 8, 9, 10, 11, 13

Section 22* # 22.1, 2, 4, 5, 6

Chapter 4:

Section 24 # 24.2, 3, 6, 11, 12

Section 25 # 25.2, 5, 9, 14

Section 26 # 26.7

Section 27 # 27.3

Chapter 5:

Section 28 # 28.3, 4, 5, 6, 13

Section 29 # 29.1, 4, 5, 8, 9, 10, 13

Section 30 # 30.7

Section 31 # 31.1

Chapter 6:

Section 32 # 32.1, 2, 6

Section 33 # 33.3(a), 4, 5, 9, 12

Section 34 # 34.2, 5, 9, 10

Section 36* # 36.2

Section 37* # 37.1