MATH 141 (§§4 & 5)
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Spring 1997

Homework Problems for Chapter 2
Functions and Limits

Section	Page	Problems
2.1	45	# 3, 4, 9, 10, 11, 14, 16–18, 20, 22, 23, 26, 27, 32, 33, 35–38, 42
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		Concepts Review: # 1–4
2.3	59	# 1, 2, 10abef, 11, 13, 17, 20, 22, 24, 30, 31
		Concepts Review: # 1–4
2.4	66	# 1–16, 27–29, 32, 34, 39
		Concepts Review: # 1–4
2.5	74	# 7, 10, 13, 18, 20, 21, 23, 29a
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2.6	81	# 2, 3, 6, 12–14, 17–20, 23, 28, 29, 32, 39, 42–44, 50
		Concepts Review: # 1–4
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		Concepts Review: # 1, 3, 4
Review	89	Concepts Test: # 1–9, 11–21, 24–27
		Sample Test Problems: # 1–13, 15–25, 29, 29, 311–34

Notes

- The assigned problems represent a wide level of difficulty. Many are routine problems. In addition, you will also find *i)* applications that require you to find and solve an appropriate formulation of the problem, *ii)* multi-step problems that involve the use of several different ideas and techniques (possibly in new combinations), *iii)* problems that involve parameters with unspecified values, and *iv)* problems that require careful understanding (and re-reading) of the general results that have been developed.

- Each chapter concludes with an extended collection of review problems. These problems — both the Concepts Test and the Sample Test Problems — are ideally suited for review before an exam.

- If you need more practice, there are many other problems in the text that are similar to the ones I have assigned. Also, the Mathematics Library (LeConte, third floor) has a collection of Calculus textbooks. These can be a great resource for students needing additional practice.

- Do not hesitate to ask questions – in class, in recitation, by e-mail, during office hours, or in the Math Lab.