

LIST OF SUGGESTED EXERCISES FOR CALCULUS 1501B - 2009-2010

PROVING INEQUALITIES: APPLICATIONS OF THE MEAN VALUE THEOREM

Chapter 4	WWW	Additional exercises will be provided
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TECHNIQUES OF INTEGRATION

SECTION	PAGE	PROBLEMS
7.1	457	# 1-13, 15, 17, 19, odd # 23-37, 43, 45, 47, 51, 53, 57, 59, 65
7.2	465	odd # 1-41, 57, 61, 63, 67
7.3	472	odd # 1-29, 31(a), 35, 41
7.4	481	odd # 1-37, 41, 45, 51, 57, 59
7.5	488	odd # 1-51, 69
7.8	515	odd # 1-39, 57, 59, 71, 79
Ch. 7 Review	518	TF # 1-7, exercises odd # 1-49, 61, 71, 73, 75, 79

SEQUENCES, SERIES, AND TAYLOR SERIES

11.1	684	odd # 3-45, 57, 58, 63, 65, 67, 69, 71, 77 and additional exercises
11.2	694	odd # 9-27, 31, 47, 55, 59, 68-72
11.3	703	# 7, 9, 10, 21, 23, 27, 28, 39, 41
11.4	709	odd # 3-31, 37, 39, 40(b), 41, 43, 44, 46
11.5	713	odd # 5-19, 23, 35
11.6	719	odd # 3-23, 31, 33, 39
11.7	722	odd # 1-27, odd # 31-37
11.8	727	odd # 3-31, 37, 38, 39, 41
11.9	733	odd # 3-17, 23, 25, 27, 37, 38
11.10	746	odd # 3-9, 15, 17, 19, odd # 29-37, odd # 47-57, 63, 65, and additional exercises.
11.11	755	odd # 3-9 (no graphs), 13(a),(b), 15(a),(b), 19(a),(b)
Ch. 11 Review	759	TF # 1-20, exercises # 32, 39, 61

DIFFERENTIAL EQUATIONS

9.1	571	# 1, 3, 5
9.3	586	odd # 1-19, 35, 39, 41, 43, 44
Ch. 9 Review	615	TF # 1-7

PARAMETRIC CURVES AND POLAR COORDINATES

10.1	626	odd # 5(b)-9(b), odd # 11-15, 19, 21, 37, 41
10.2	636	odd # 1-7, 11, 13, 15, 25, 29, odd # 37-43, 51, 54
8.1	530	odd # 7-19, 31, 33
10.3	647	odd # 1-17, 21, 23, 25, odd # 29-37, 38, 47
10.4	653	odd # 1-13, 17, 21, 23, 29, 31, 37, 39, 41, 45, 47