

MATH 251 HOMEWORK ASSIGNMENTS		Larson 7th
section	and topics	assigned problems
	Calculus I review	Prerequisite quiz
4.5	integration by substitution	odds 7-33
	calculator skills	read TI manual re: der1, der2, nder, fnint, lists, seq, sum.
5.8	Inverse Trig fcns: differentiation	3-18 odds 21-33 37 odds 41-47 61 63 71 73
5.9	Inverse Trig fcns: integration	eoo 1-43 55 59a&c
5.10	Hyperbolic functions	1-8 odds 13-35 eoo 39-61
exam		
6.4	Arc Length & Surface of Rev	odds 1-21 29 37 45 49
7.1	Integration rules review	odds 1-13 eoo 15-53 59 63-66 81
7.2	Integration by Parts	1-10 odds 11-27 37 38 47 49 77 79
7.3	Trig Integrals	3-10 12 14 odds 15-33 47 61 65
exam		
7.4	Trig Substitutions	1-5 7 9 13 eoo 19-43 58a&b 61
7.5	Partial Fractions	odds 1-31 41 43 58
7.6	Integration by Tables	eoo 1-49
7.7	L'Hopital's Rule	eoo 11-55, 63
exam		
7.8	Improper Integrals	1-6, eoo 9-53 61 63
8.1	Sequences	eoo 1-89
8.2	Series introduction	1-16, odds 23-61
8.3	Integral test; p-series	odds 1-19 29
exam		
8.4	Comparison tests	odds 3-35 49 51
8.5	Alternating series	1-4, odds 9-45, odds 69-75
8.6	Ratio and Root tests	1, 3, odds 13-63
exam		
8.7	Taylor Polynomials	odds 13-29, 45 46
8.8	Power series	odds 1-9, eoo 11-37 53
8.9	Functions from Power Series	odds 5-25
8.10	Taylor Series	odds 1-33 45 46 53
exam		
9.1	Parabola and Circle	1-6 17 19 21 23 27
9.1	Ellipse and Hyperbola	29 31 33 45 47 49 57 67 69 73
9.2	Planar Curves (parametric form)	odds 3-9, odds 21-25, 39-42
9.3	Calculus of Planar Curves	5 7 15 19 21 27 30 35 37 41 46 69
9.4	Polar Coordinates	1-18, odds 21-39
9.5	Area and Arc Length in Polar	1 5 9 13 19 23 27 33 45 47 51 55
Final Exam		