

	AP CALCULUS	
	CHAPTER 6:	Mr. Bergin
	Differential Equations and Mathematical Modeling	Revised 2-9-14
Section		Homework Problems
6.1 Slope Fields and Euler's Method	Pgs. 321-326	Quick Review p.327 #1-12 pgs.327-330 #1-4,7-15,18,20-44
6.2 Antidifferentiation by Substitution	Pgs. 331-337	Quick Review p.337 #1-10 pgs.337-339 #1-6,17-20,23-41 #53-66,73-75
6.3 Antidifferentiation by Parts	Pgs. 341-346 Omit-BC Topic	Quick Review p.346 #1-10 pgs.346-348 #1-32 Quick Quiz p.349 #1-4
6.4 Exponential Growth and Decay	Pgs. 350-356	Quick Review p.357 #1-10 pgs.357-360 #1-5,23,24,49,51
6.5 Logistic Growth	Pgs. 362--3368 Omit-BC Topic	Quick Review p.369 #1-10 pgs.369-371 #5-26,43,44 Quick Quiz p.372 #1-4
	Grey Book Problems	S1 #12,17,20,33,40,41,45 S2 #2,15,16,19,32,34, S3 #7,8,11,18,20,22,28, S4 #5,17,22,25,34,36,38,41 S5 #2,17,18,26,28,40,42,45 S6 #1,8,12,13,21,24,28,39,44
	2013 MC Pretest	#1-28,76-82,84-91
	Chapter 6 Review Exercises	pgs.373-375