

Chapter 6: Constructing Anti-Derivatives

Assignment Sheet

Name _____

period 2 3 4 5

Assn	Topic	HW	Qty
Day 96 Thu 8 Feb	§6.1 Building Area Functions geometrically & numerically Notes pp 1-4	Finish graphs of $f(t)$, area function and tables #1-4	
Day 97 Fri 9 Feb	§6.1 Anti-Derivatives: Looking for Patterns between $f(t)$, geometric area and area function. Building Area Functions notes pp 1-4 & 5-6	Finish anti-derivatives Notes pp 1-6	
Day 98 Mon 12 Feb	WS pp 17-18 from Ch 5 notes packet Position – Distance, Velocity – Speed, Acceleration	WS: find derivatives & find anti-derivatives. Gateway #3A Derivatives	
Day 99 Tue 13 Feb	WS pp 17-18 from Ch 5 notes – Draw Position graph based on behavior indicated by velocity & acceleration. Integration: Indefinite Integrals Ch 6 notes: Anti-Power Rule pp 3-4	p 330 #1-16,28	17
Day 100 Wed 14 Feb	§6.1 Integration: Indefinite Integrals Ch 6 notes: Anti-Trig Rules pp 5-6	p 330 #27,37-50 p 323 #12,19	17
Day 101 Thu 15 Feb	§6.1 Integration: Definite Integrals Ch 6 notes: pp7-8-9	p 331 #51-62,68,73 p 323 #23,24	16
Day 102 Tue 20 Feb	§6.4 The 2nd Fundamental Theorem of Calculus (part 1) --- Accumulation Functions and their graphs Ch 6 notes pp 10-11-12-13	pp 342-343 #4,5,11-15,22-25 p 323 #21,29	13
Day 103 Wed 21 Feb	§6.4 The 2nd Fundamental Theorem of Calculus (part 2) --- derivatives of integral functions Ch 6 notes pp 14-15-16	p 343 #35-38 45, T/F 48-53 p347 # 73-76	14
Day 104 Thu 22 Feb	2 AP FRQs Wrap up any unfinished notes	WS Ch 6 Review Ch 6 TEST Tuesday Feb 27	
Day 105 Fri 23 Feb	Review and Begin §7.1 Integration by U-Substitution (anti-chain rule)	p 360 #3-14	12
Day 106 Mon 26 Feb			
Day 107 Tue 27 Feb	Ch 6 TEST Area Functions, Integrals & Anti-Derivatives		