AP Calculus

✯Schedule for Chapter 8: Using The Definite Integral

8

Class #	In Class	Assignment	Date Assigned
1	**8.1 Areas & Volumes**	**A.** p.372 #1,3,4,7,9,11,12,13 *Bonus #25* Read 8.2	
2	**8.2 Applications to Geometry:** ***Volume of Solids by Disks***	**A.** p.380 #1,3,5,7,17a,21,33a BP(Be Prepared) AB-1 p.259 #1-14	
3	***Change of Axes*** ***Volume of Solids by Washers***	**B.** p.372 #8,10 p.380 #9,19,23,29 (note: The directions for #23 should also include x=0 as a boundary line) BP p.259 #(15-26), skip 21,24	
4	***Optional Lesson: Volume of Solids by Shells***		
5	***Volume of Solids with Known Cross-Sections***	**A.** p.380 #25,27,31 & AP FRQ Packet #1,2 BP p.259 #27-37 *(note: The directions for 25,27 should also include x=0 as a boundary line)* *(note: #31's answer is incorrect in the back of the book)*	
6	**Review**	**A.** p.428 #5,11,18 (skip 18c), 20,29,30,32 BP p.265 #23,(38-45)	
7	**Review**	**A.** AP FRQ Packet #3,4 Wrap your brains around solids of revolution until the information is fully integrated!	
8	**TEST *Chapter 8***	**A.** Read 11.1 BP AB-2 p.275 #1-28, *skip #5,12* (🕘 put 50 minutes on the clock!)	