	Suggested Problems W18 (HH7e)	Notes/Reminders W21	
5.1	1, 11, 17-20, 23, 27, 37, 39		
5.2	6, 10, 21, 24, 36, 44		
5.3	1, 3, 5, 13, 21, 23, 27, 42		
5.4	1-6, 11, 34, 38, 40		
6.1	3, 8, 10, 22, 25, 37, 39		
6.2	some ex, 57-63 odd, 76, 82, 86		
6.4	5, 7, 9, 11, 17, 27, 30-33, 34, 36, 38-41		
7.1	some ex, 84, 88-94, 99, 100, 102, 112, 114, 117, 129, 147, 157, 159		
7.2	some ex, 55, 59, 61, 70, 76, 81		
7.4 (partial frac)	5, 7, 25-26, 38, 46, 47, 48, 53, 66, 82	Repeated factors and irreducibe quadratics will be covered.	
7.4 (trig sub)	23, 24, 28, 34, 50, 54-65		
7.5	1, 3, 5, 21, 22, 34	Do not need to cover Simpson's Rule or error approximations in class	
8.1	1, 2, 4, 10, 12, 15, 17, 19, 22, 24, 27, 32, 35, 43		
8.2	some ex, 33, 35, 59, 51, 53, 63, 67, 88	(1) Do cover shell method (even though it is not covered in book). (2) Do cover arc length of graph of y=f(x) but do not cover arc length of parametric curve. (Cover the latter later with Section 4.8.)	
8.4	2, 9, 14, 16, 19, 34	Center of mass will not be covered	
8.5 (slice obj)	16, 17, 18, 19, 22	Force due to water pressure will not be covered. Be sure to ask for approximations on slices (not just final answers).	
End of Exam 1 Material			
8.5 (slice distance travelled)	3, 10, 12, 14, 24		
4.7	16, 18, 43	Focus on limits of the form 0/0, infinity/infinity, and 0*infinity.	
7.6	3, 5, 7, 12, 18, 20, 31, 48, 53		
7.7	15, 16, 22, 28, 30, 34, 37-40		
8.7	1, 5, 6, 11, 14-16, 20, some of 27-37		

8.8	4-6, 7, 12, 13, 17, 18, 21		
9.1	11, 19, 22, 28, 60, 62		
9.2	9, 10, 13, 14, 25, 26, 46, 56, 62		
9.3	14, 18, 26, 29, 37		
9.4	9, 10, 13, 17, 21, 27, 38, 48, 78, 89, 102, 104, 107	Note that #107 involves the error bound for alternating series.	
End of Exam 2 Material			
9.5	1-4, 5, 8, 13, 17, 18, 29, 31, 33, 41		
10.1	2, 4, 12, 14, 16, 17, 21, 27, 31, 37	For students who took Math 115 here, it is worth noting that the Taylor polynomial of degree 2 is what was called the quadratic approximation in 115.	
10.2	17, 20, 24, 30, 46, 51		
10.3	4, 9, 14, 18, 23, 34, 41, 47		
4.8	Section 4.8: 1, 4, 5, 7, 9, 13, 23, 27, 31, 33, 39, 45, 50, 55 Section 8.2: 59, 75, 77, 79, 81	Remember to include arc length of parametric curves from end of 8.2.	
8.3	4, 8, 18, 27, 33, 42, 45, 48-50	Be sure to talk about #45 as it provides an alternate (and typically simpler) formula for arclength with polar coordinates.	