Under Construction – Looking at this table, there's something screwy, here. I think the 5.1 Special was where I assigned each student a single, challenging problem. And I'm not sure what the intention was with the 5.2 II. Presumably, there's a 5.2 I. I will clear this up in the next week or so (1/8/11 - Chiefs game about to start.) when I go back and look at the solutions I generated.

Section	Hand In	Practice Problems
5.1	#s 9, 12, 14, 15, 18, 24, 27, 30, 32, 33,	
	36, 37, 40, 42	
7.1	щ.,	
Special	#\$	
#3, 10 – Midpoint method. Take care getting x_1 . The rest work same as left- and right-endpoint		
methods. See also Midpoint Rule for the textbook's formulation. Mine is more of a recursion, suited for		
spreadsheets:		
$x_1 = a + \frac{1}{2}\Delta x, x_2 = x_1 + \Delta x, \dots, x_n = x_{n-1} + \Delta x$		
#15 – Draw a picture. Use it for additional backing in your answer.		
5.2 II	#s 35, 36, 41 – 44, 56, 57	
#36 – Exercise #37 might be a good hint. Hopefully, you'll realize what geometric object you're seeing.		
#44 – Might want to use this fact:		
n		
$\sum i^4 = \frac{1}{2}n^5 + \frac{1}{2}n^4 + \frac{1}{2}n^3 - \frac{1}{22}n$		
i=1 5 2 3 30		
5.3	#s 1, 4, 11, 14, 15, 19, 24 – 26, 38	
5.4	#s 2, 5, 6, 13, 16, 23, 36, 39, 47, 62	
5.5 I	#s 1, 4, 7, 12, 19, 22, 24, 25, 28, 34	
5.5 II	#s 35, 39, 45, 47, 48, 49, 53, 54	