Chapter 6 Self-Assessment

Emerging: I am starting to understand the ideas
Developing: I am understanding many of the ideas but I make errors
Proficient: I have a complete understanding of the skills and concepts
Extending: I am pushing my learning to connect to advanced problems and ideas

Section		Level of Comprehension	Assignment Completed
6.1	• I can find the area of a region between two curves that are written in explicit form. • I can find the area of a region between two curves that are written as x= • I can use a graphing calculator to find the area between two curves		
6.2	• I can find the average value of an integral • I can find population density		
6.3	I can revolve a region about an axis to find a volume using: • Disc method • Washer method I know when to use each method I can do volume questions using a graphing calculator		
6.4	I can revolve a region about an axis to find a volume using: • Shell Method I know when I need to use the shell method		

Work Habits	G 100% to 80% of the time	S 80% to 60% of the time	N less than 60% of the time
Assignments completed and handed in on time			
Arrive to class on time			
Return after break on time			
Work on the math assignment during class			
Phone use limited to checking math answer keys posted on the website			
If absent: watching the lesson video or reading the lesson notes			

1. Explain the difference between the washer and disk methods.

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2. Explain when you should use the shell method.

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3. What is the formula for population density? What do you need to know in order to use this formula?

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