Chapter 5 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
4.8	• I can find anti-derivatives and use appropriate notation for anti-derivatives • I can find general solutions and particular solutions • I know the basic integration rules		
5.1	• I can use sigma notation • I can find area under a curve (inscribed and circumscribed rectangles) • I know the summation formulas • I can calculate limit of upper and lower sums		
5.2	• I understand the definition of a Riemann sum. • I understand the definition of a definite integral and the connection between definite integrals and area of a region • I understand properties of definite integrals		
5.3	• I can use the Fundamental theorem of calculus I can find the Integral of an absolute value function		
5.4	• I can use the Second Fundamental theorem of calculus		
5.5	• I can calculate Net change • I can calculate Displacement • I can calculate Distance traveled		
5.6	• I can find the Anti-differentiation of a composite function		

	using substitution.			
	• I can find definite integrals using substitution			

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 Displacement and Total Distance Travelled.

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2. What key thing must you find when calculating the total distance travelled without using a calculator?

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3. How do you calculate the total distance travelled when using a graphing calculator?

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