Chapter 5 (Unit 5) Test **Date: _____**

Self-Reflection for Studying for Test

Check off your answer to each question:

	Yes	Somewhat	No
Did you complete all HW?			
Did you correct any HW errors and complete any missing problems?			
Did you attend study groups every week?			
Did you ask questions in your study group on topics?			
Did you correct any Quiz errors?			

Rate your preparation for each of these topics on a scale of 0 to 5,
where 0 is not at all prepared and 5 is well-prepared.

If you are not well-prepared for a topic, identify what can help you prepare for the Test (i.e., your notes, homework, mathkanection, Khan Academy, or other resources)

Topic	**0**	**1**	**2**	**3**	**4**	**5**	**What to do to be better prepared**
Calculate Areas Using Riemann's Rectangular Approximation Methods with equal or unequal subintervals. *Use the definite integral as the limit of Riemann' Sums* I can approximate a definite integral using a left Riemann sum, a right Riemann sum, a midpoint Riemann sum or a trapezoidal sum. I can determine whether an approximation for a definite integral is an underestimate or overestimate for the value of the definite integral.							
Understand the Mean Value Theorem and Average Value Theorem I can determine the average value of a function using definite integrals.							
Understand Basic Rules of anitdifferentiation, including trig, logarithmic, and exponential functions. I can recognize opportunities to apply knowledge of geometry and mathematical rules to integration. I can evaluate definite integrals analytically using the Fundamental Theorem of Calculus. I can determine antiderivatives of functions and indefinite integrals, using knowledge of derivatives. I can determine values for positions and rates of change using definite integrals in problems involving rectilinear motion. I can interpret the meaning of a definite integral in accumulation problems.							

Topic	0	1	2	3	4	5	What to do to be better prepared
Apply the technique of substitution to antidifferentiate functions. I can recognize the use of substitution of variables as a technique for finding antiderivatives and, for definite integrals, find the corresponding changes of the limits of integration.							
Use the Fundamental Theorem of Calculus to find the derivative of an integral I can use the Fundamental Theorem of Calculus to connect differentiation and integration.							