Chapter 3 Cont'd (Unit 3) 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**
Basic rules of differentiation I can compute the derivatives of power, trigonometric, logarithmic, exponential, parametric, polar, and vector functions. I can find higher order derivatives.							
Basic rules of differentiation, including Chain Rule I can compute the derivatives of power, trigonometric, logarithmic, exponential, parametric, polar, and vector functions involving composite functions using chain rule.							
Implicit Differentiation I can apply the rules of differentiation to implicitly defined functions.							
Differentiating Inverse Functions I can calculate derivatives of inverse and inverse trigonometric functions with or without the use of the chain rule.							
Interpret the meaning of the derivative I can interpret that derivative of a function as the instantaneous rate of change with respect to the independent variable and use the derivative to determine the equation of a tangent line.							
Analyze planar curves in vector and polar form, including velocity and acceleration I can use parametrically-defined vector functions to describe the position, velocity, acceleration, and speed of an object.							