

Chapter 2 (Unit 1) 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
<i>Limits Analytically</i> I can evaluate a limit at a point and at infinity with proper notation using direct substitution, factor reduction, rationalization, or complex fraction simplification.							
<i>Limits Graphically</i> I can evaluate a limit graphically with and without a graphing calculator, including piece-wise functions.							
<i>Limits Numerically</i> I can evaluate a limit numerically with and without a graphing calculator, including piece-wise functions.							
<i>One-Sided Limits</i> I can describe the difference between a one-sided limit and a two-sided limit of a function, including piece-wise functions, with and without a graphing calculator. I can evaluate a one-sided limit of a function analytically, graphically or numerically, including piece-wise functions, with and without a graphing calculator.							
<i>Infinite Limits</i> I can evaluate infinite limits and use them to define vertical asymptotes, with and without a graphing calculator.							
<i>Limits at Infinity</i> I can use limits involving infinity to describe end behavior, with and without a graphing calculator.							

Topic	0	1	2	3	4	5	What to do to be better prepared
<p><i>Instantaneous Rate of Change</i> I can describe the concept of a numerical derivative as an instantaneous rate of change, with and without a graphing calculator.</p>							
<p><i>Average Rate of Change</i> I can describe the average rate of change of a function between two points given that function, the graph of that function, or a table of values for that function, with and without a graphing calculator.</p>							
<p><i>Continuity</i> I can investigate continuity at a point analytically, graphically, or numerically and identify the continuity of a function. I can determine whether a given function is continuous at a specific point, analytically, graphically or numerically. I can describe discontinuities in a function and identify as removable or non-removable.</p>							
<p><i>Intermediate Value Theorem</i> I can determine if a function is continuous, and then apply the Intermediate Value Theorem.</p>							
<p><i>Tangent Lines</i> I can find the slope of a curve at a point. I can find the equations of the tangent line to a curve at a specific point.</p>							