

Name: _____

Block: _____

Chapter 2 Limits 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
2.1	<ul style="list-style-type: none"> I can find the average rate of change I can find the instantaneous rate of change 		
2.2	<ul style="list-style-type: none"> I understand the definition of a limit I can find limits from a graph I can find limits using a numerical approach I understand one sided limits 		
2.3	<ul style="list-style-type: none"> I know how to use basic limit laws 		
2.4	<ul style="list-style-type: none"> I know the three conditions that are needed to prove continuity at a point. I can identify the different types of discontinuities. I can identify one sided continuity I know the basic laws of continuity 		
2.5	<ul style="list-style-type: none"> I can evaluate a limit using the substitution method I can identify the indeterminate form and determine how to algebraically evaluate the limit. 		
2.6	<ul style="list-style-type: none"> I can apply the squeeze theorem to prove a limit I can use the two special trig limits 		
2.7	<ul style="list-style-type: none"> I can find a horizontal Asymptotes I can find limits as $x \rightarrow \infty$ 		
2.8	<ul style="list-style-type: none"> I know how to use the Intermediate Value theorem IVT 		

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. State the definition of continuity. (3 conditions)

1. _____
2. _____
3. _____

2. State the **conditions** required to use IVT.

3. Explain what you are finding when you use the IVT.
