AP Calculus BC – Notes

Part I: Directions: In each graph of f(x) shown below, a section of the graph is circled.

- a) Indicate the behavior of the circled portion of the graph using a limit statement.
- b) Provide a verbal description of the behavior.





Part II: This part of the activity concentrates on writing correct notation for limit statements as well as making the connection between limits and graphical behavior. Shown below is the graph of a function f(x). There are eleven limit statements based on the labeled points and lines on this graph. Write the limit statements, including one-sided and two-sided limits.



1.	2.	3.
4.	5.	6.
7.	8.	9.
10.	11.	

Part III: Evaluate each limit using any method.

