# Elkins School District

## Alternate Method of Instruction (AMI)

## AMI Day #___1__

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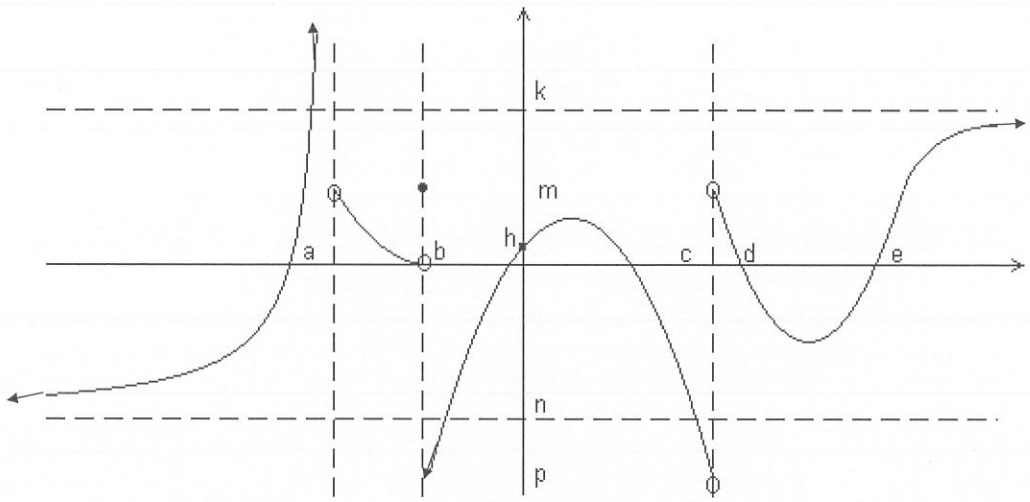
|---|---|
| **School Name** | Elkins High School |
| **Teacher Name** | Driscoll |
| **Subject / Course Name** | AP Calculus |
| **Assignment Description** | **ONLINE:**<br><br>**PAPER HARD-COPY:** Complete Limits graph WKST 1 – 7 &bring to class upon return. |
| **Contact Information** | **PHONE/TEXT:**<br><br>**EMAIL ADDRESS:** tdriscoll@elkinsdistrict.org<br><br>**OTHER:** google classroom |

Assignments will be graded and entered into the gradebook according to the teacher's grading system. Attendance will be recorded based upon completion of the assignment.

# AP Calculus

**Chapter 2 Section 1 Limits**




Graph of $f(x)$

Refer to the graph above to answer each of the following questions. If a limit does not exist explain why.

1. $\lim_{x\to-\infty} f(x) =$
2. $\lim_{x\to\infty} f(x) =$
3. $\lim_{x\to a^-} f(x) =$
4. $\lim_{x\to a^+} f(x) =$
5. $\lim_{x\to a} f(x) =$
6. $\lim_{x\to b^-} f(x) =$
7. $\lim_{x\to b^+} f(x) =$
8. $\lim_{x\to b} f(x) =$
9. $\lim_{x\to 0^-} f(x) =$
10. $\lim_{x\to 0^+} f(x) =$
11. $\lim_{x\to 0} f(x) =$
12. $\lim_{x\to c^-} f(x) =$
13. $\lim_{x\to c^+} f(x) =$
14. $\lim_{x\to c} f(x) =$
15. $\lim_{x\to d^-} f(x) =$
16. $\lim_{x\to d^+} f(x) =$
17. $\lim_{x\to d} f(x) =$
18. $\lim_{x\to e} f(x) =$
19. $f(b) =$
20. $f(d) =$
21. $f(e) =$
22. How does the answer to number 19 compare to the answer to number 8?