WE BELONG TOGETHER LAB SHEET

Names: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Class: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Complete the table to display the matches that you found.**

|  |  |  |  |
| --- | --- | --- | --- |
| GRAPH | EQUATION (number of card) | LIMIT INFO  (number of card) | DESCRIPTION  (number of card) |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |
| 6 |  |  |  |
| 7 |  |  |  |
| 8 |  |  |  |

**Upload photos of your completed matches and attach them to this document.**

**Answer the question(s) about each set of cards.**

1. For the graph labeled #2, list the intervals on which f(x) is continuous.
2. State the domain and range of the function graphed on card #3.
3. Identify any asymptotes on graph #4, and determine any absolute extreme of the function.
4. Give all asymptotes of the #5 graphed function.
5. Give all asymptotes of the #6 graphed function.
6. For the graph on card #7, find any relative extrema.
7. For the graph on card #8, determine if f(x) is even, odd, or neither. Show / explain how you know.