

WE BELONG TOGETHER LAB SHEET

(page 1)

Names: _____

Class: _____ Date: _____

Complete the table to report your matches.

GRAPH	EQUATION	LIMIT INFO	DESCRIPTION
1			
2			
3			
4			
5			
6			
7			
8			

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Names: _____

(page 2)

Answer the question(s) about each set of cards:

1. For the graph labeled # 1,
 - a. find $\lim_{x \rightarrow -3} f(x)$
 - b. find $\lim_{x \rightarrow 3} f(x)$
 - c. identify all vertical and horizontal asymptotes.
2. For the graph labeled # 2, list the intervals on which $f(x)$ is continuous.
3. State the domain and range of the function graphed on card # 3.
4. Identify any asymptotes of graph # 4, and determine any absolute extrema of the function.
5. Give all asymptotes of the # 5 graphed function.
6. Give all asymptotes of the # 6 graphed function.
7. For the graph on card # 7, find any relative extrema.
8. For the graph on card # 8, determine if $f(x)$ is even, odd, or neither. Show/explain how you know.

AP Calculus

Match the function graphs (f) with the graphs of their derivatives (d).

Name: _____
 Period: _____

A		I	
B		J	
C		K	
D		L	
E		M	
F		N	
G		O	
H			

MATCHING:

A	
B	
C	
D	
E	
F	
G	
H	
I	
J	
K	
L	
M	
N	
O	

1		9	
2		10	
3		11	
4		12	
5		13	
6		14	
7		15	
8			

