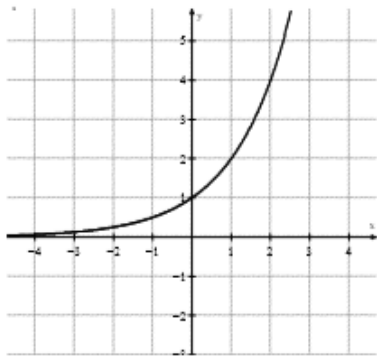


Check In: Defining the Limit of a Function Graphically and with Tables

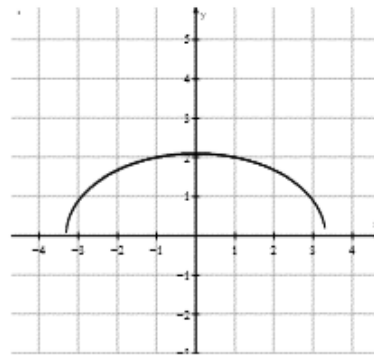
Answer all questions in the spaces provided.

1. Find the limit of each of the following functions.

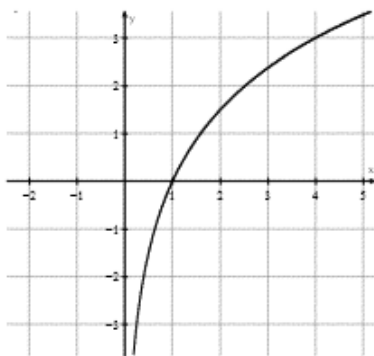
a. $\lim_{x \rightarrow 1} f(x)$.



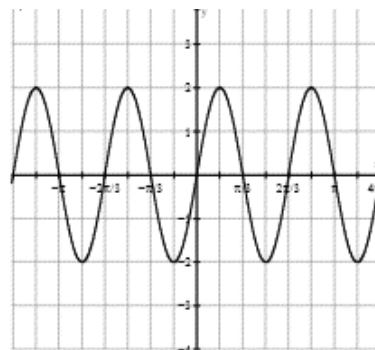
b. $\lim_{x \rightarrow -1} f(x)$.



c. $\lim_{x \rightarrow 1} f(x)$.

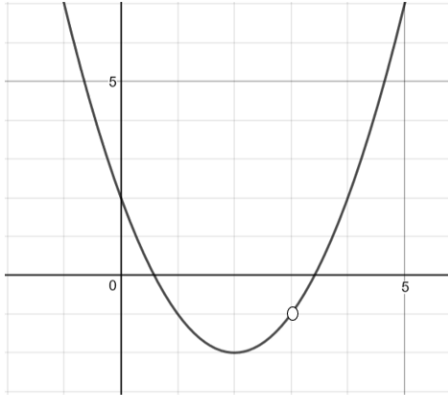


d. $\lim_{x \rightarrow \frac{\pi}{6}} f(x)$.

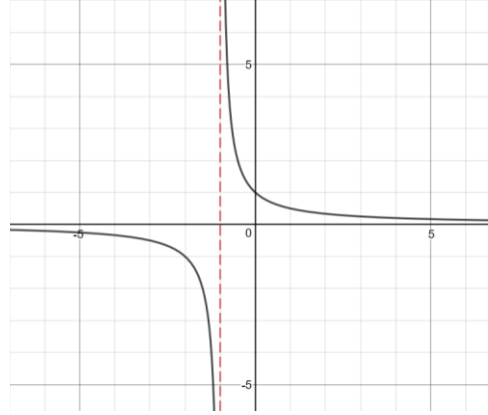


Pre-Calculus B 120

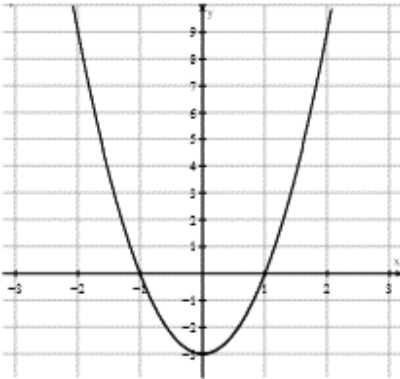
e. $\lim_{x \rightarrow 3} f(x)$.



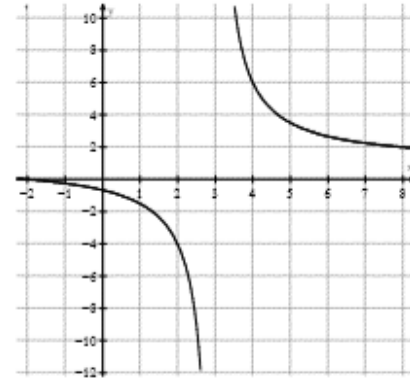
f. $\lim_{x \rightarrow -1} f(x)$.



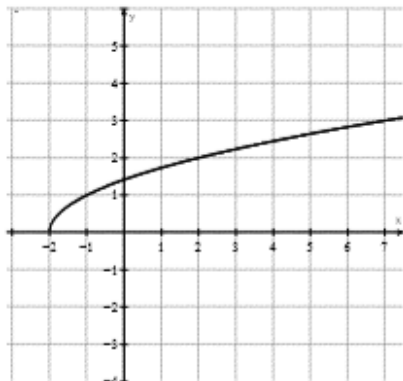
g. $\lim_{x \rightarrow 2} f(x)$.



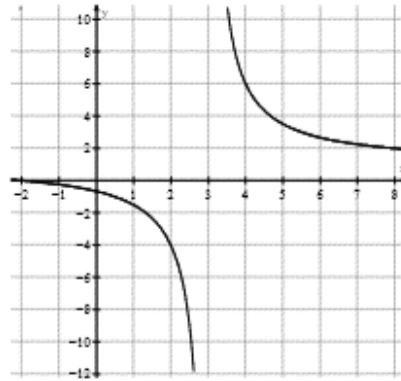
h. $\lim_{x \rightarrow 4} f(x)$.



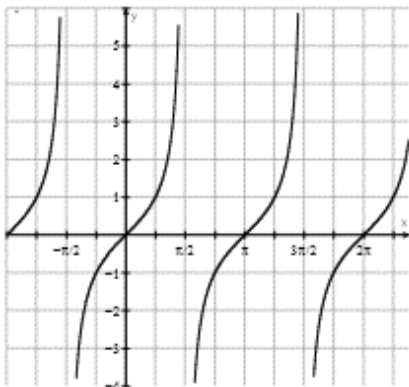
i. $\lim_{x \rightarrow 2} f(x)$.



j. $\lim_{x \rightarrow 3} f(x)$.



k. $\lim_{x \rightarrow \frac{\pi}{2}} f(x)$.



l. $\lim_{x \rightarrow 3} f(x)$.

x	$f(x)$
2	-1
2.5	-3
2.9	-19
2.99	-199
2.999	-1999
3	
3.001	2001
3.01	201
3.1	21
3.5	5
4	3

m. $\lim_{x \rightarrow 2} f(x)$.

x	$f(x)$
1	0
1.5	1.25
1.9	2.61
1.99	2.9601
1.999	2.99
2	
2.001	3.004
2.01	3.040
2.1	3.41
2.5	5.25
3	

n. $\lim_{x \rightarrow -3} f(x)$.

x	$f(x)$
-42	-13
-3.5	-9.25
-3.1	-6.61
-3.01	-6.06
-3.001	-6.006
3	
-2.999	-5.994
-2.99	-5.94
-2.9	-5.41
-2.5	-3.25
-2	-1