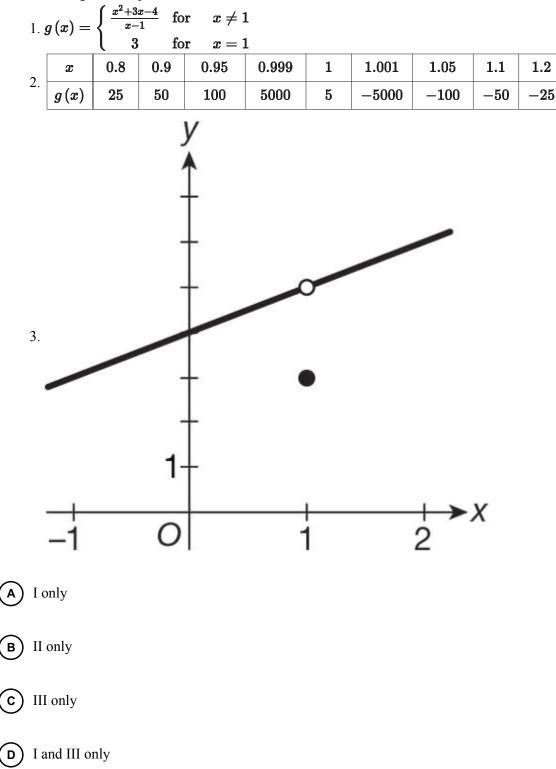
Name

1. Let g be a function that is increasing for x < 1 and increasing for x > 1. If  $\lim_{x \to 1} g(x) = 5$ , which of the following could represent the function g?



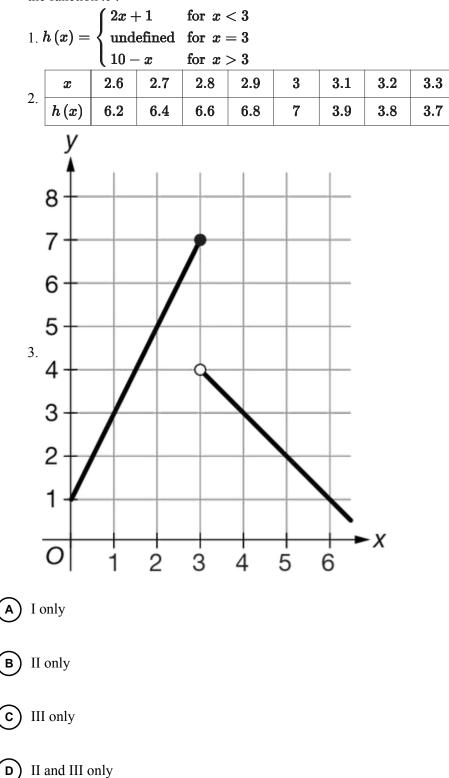


## Quiz 1.9

2. If h is a piecewise linear function such that  $\lim_{x\to 3} h(x)$  does not exist, which of the following could represent the function h?

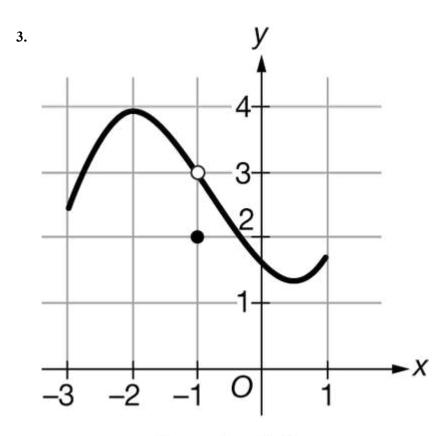
**3.4** 

3.6





Quiz 1.9



## Graph of f

The graph of the function f is shown above. Which of the following could be a table of values for f?

<b>A</b>	x	-1.05	-1.001	-1	-0.	999	-0	.95	
	f(x)	3.074	3.001	2	1.998		1.924		
	x	-1.05	-1.001	-1	-0.	-0.999		-0.95	
В	f(x)	3.074	3.001	2	2.998		2.924		
$\bigcirc$	$\boldsymbol{x}$	-1.05	-1.001	-1	-0.	999	-0.95		
(c)	f(x)	3.074	3.001	3	2.9	98	2.9	2.924	
D	x	-1.05	-1.001	-1	L	-0.		-0.95	
	f(x)	3.074	3.001	undefi	ned 2.9		98	2.924	