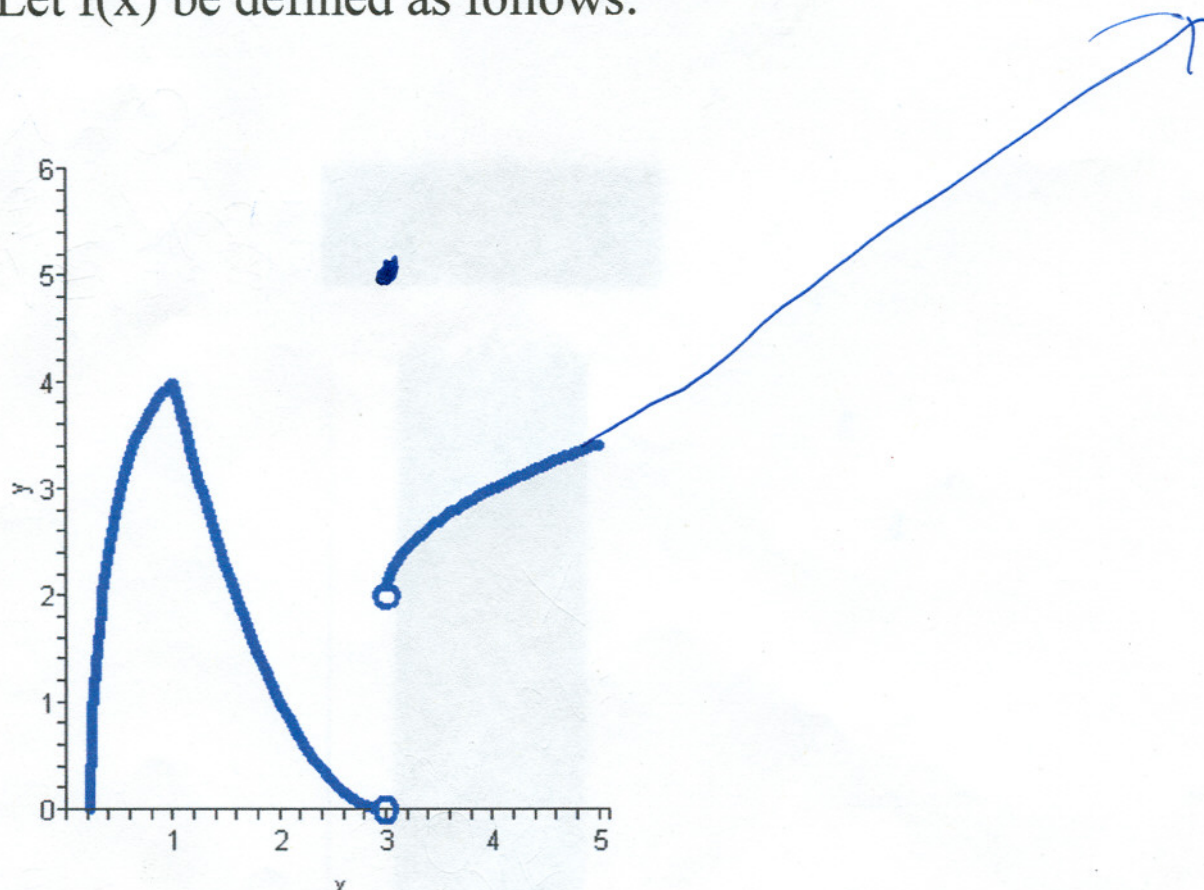


Calc 1 Quiz 4

1) Let $f(x)$ be defined as follows:



Evaluate the following:

a) $f(1)$

b) $f(3)$

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

d) $\lim_{x \rightarrow 1^+} f(x)$

e) $\lim_{x \rightarrow 1} f(x)$

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

g) $\lim_{x \rightarrow 3^+} f(x)$

h) $\lim_{x \rightarrow 3} f(x)$

i) $\lim_{x \rightarrow 0} f(x)$

j) $\lim_{x \rightarrow \infty} f(x)$