Calculus I
Ver 1

Name:
Student ID:

## Quiz 4

Oct. 25, 2006

1. ( 10 pts ) Identify the limits from the graph of $f(x)$

$$
\begin{aligned}
& \lim _{x \rightarrow-1^{-}} f(x)=\square \\
& \lim _{x \rightarrow-1^{+}} f(x)=\square \\
& \lim _{x \rightarrow-1} f(x)=\square \\
& \lim _{x \rightarrow 0^{-}} f(x)=\square \\
& \lim _{x \rightarrow 1^{-}} f(x)= \\
&
\end{aligned}
$$


2. ( 10 pts ) Evaluate the indicated limit, if it exists.

$$
\lim _{x \rightarrow 4} \frac{\sqrt{x}-2}{x-4}
$$

