## Quiz 3 Calculus 1 6/20/2006

Each problem is worth 5 points. Clear and complete justification is required for full credit.


Use the graph of $f(x)$ shown above to answer the following questions:

1. What is $\lim _{x \rightarrow-2} f(x)$ ?
2. What is $\lim _{x \rightarrow 2^{-}} f(x)$ ?
3. What is $\lim _{x \rightarrow 6} f(x)$ ?
4. At which value(s) of $x$ is $f(x)$ not continuous, and why?

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