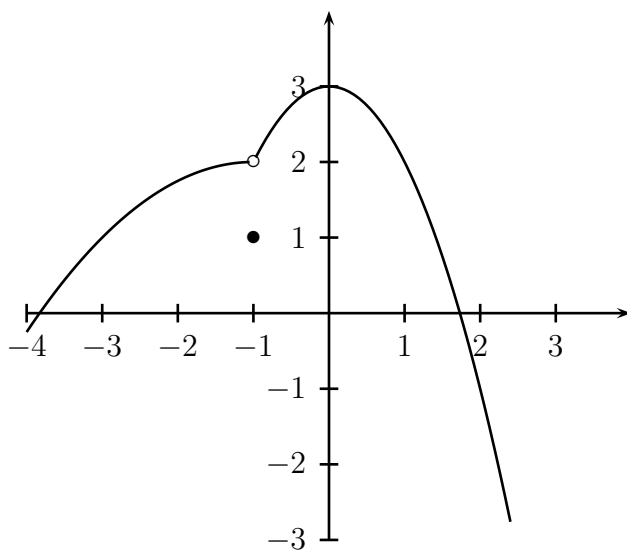


MATA32 – Winter 2010
Quiz 6

Name: _____

1. The picture below shows a graph of $y = f(x)$. Does $\lim_{x \rightarrow -1} f(x)$ exist? If so, evaluate it; if not, explain why not.



Continued on reverse...

2. (a) Consider $\lim_{x \rightarrow -2} \frac{x+2}{x^2-4}$. If the limit exists, evaluate it. If the limit does not exist, explain why not.

(b) Consider $\lim_{x \rightarrow 2} \frac{x+2}{x^2-4}$. If the limit exists, evaluate it. If the limit does not exist, explain why not.