

Math 1513 - College Algebra

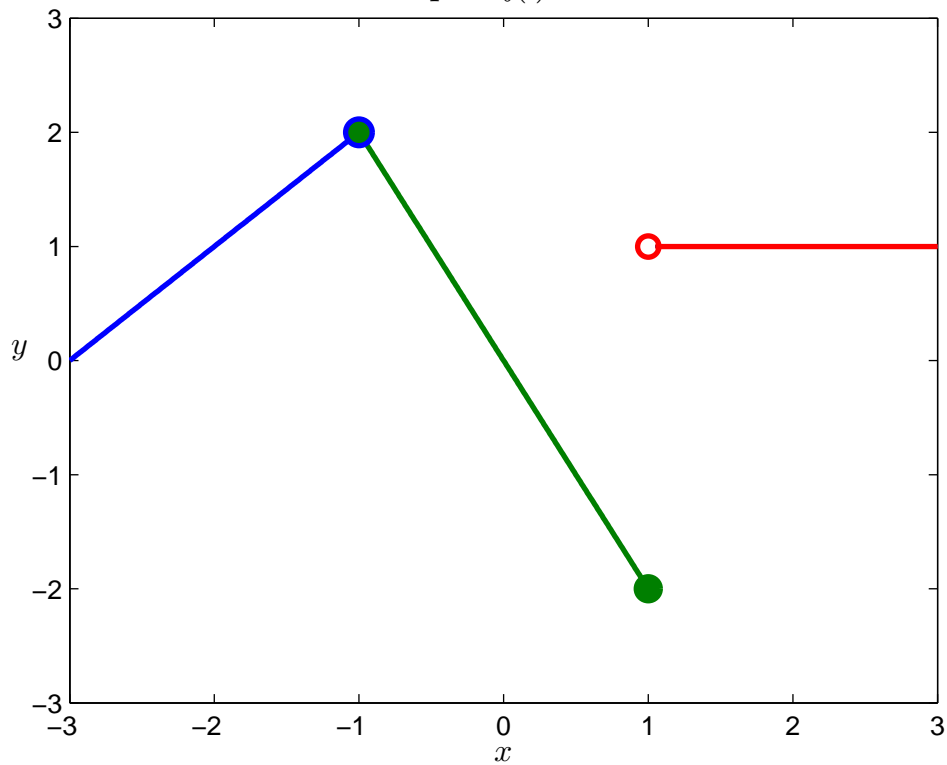
Quiz #8 - 2008.10.23

Solutions

Graph the following piecewise function, and also state where the function is not continuous.

$$f(x) = \begin{cases} x + 3, & x < -1 \\ -2x, & -1 \leq x \leq 1 \\ 1, & x > 1 \end{cases}$$

Graph of $f(x)$



The function is continuous everywhere except at $x = 1$.