Math 103, Fall 2014

Quiz on Week 9 Material

Name: _____

Consider the function $f(x) = x^{2/3} - x$ on the interval $[-1, 1/2]$.

1. What are the critical points of $f(x)$?

2. At which x values does f attain its absolute minimum and absolute maximum on this interval? (Most of the credit will be given for giving unsimplified calculations of the y value at every relevant point. However you do know enough to compare these values to each other without a calculator.)