MATH 2 PROBLEM OF THE WEEK 1

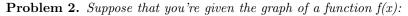
Due Friday, January 10th, 2003 before the quiz.

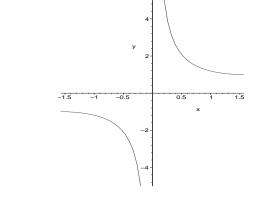
Please show all your work!

Name:_____

Problem 1. Given a function f(x) find the formula for the derivative of

(1) $f^{-1}(x)$ and (2) $(f(x))^{-1}$ in terms of f(x).





Graph

(1) $f^{-1}(x)$ (2) $(f(x))^{-1}$