

Math 126C: Calculus II

Name: _____

Quiz 1 Aug. 29, 2000

1. a) Let $f(x) = \frac{x}{x+1}$ for $x > -1$. Find a formula for $f^{-1}(x)$

b) Determine the domain of $f^{-1}(x)$.

2. Calculate $\frac{d}{dx} \ln \sqrt{\frac{x-1}{x+1}}$. (Show all your work and simplify your answer.)