

Math 1A Quiz 7
March 21st, 2008

Name _____ SID _____

1. Let $f(x) = \tanh^{-1}(\sin x)$.

a) What is the domain of f ?

b) Find a formula for $f'(x)$. Simplify as much as possible.

2. Find $\lim_{x \rightarrow 0} (1 - 2x)^{1/x}$.