

Name _____

Mathematics 105D: Calculus I
Fall Semester 2012
David Haines
October 1
Quiz #11

Here is a formula for $f(x)$: $f(x) = \sin x$.

The formula for $f'(x)$ is: $f'(x) = \cos x$.

The formula for $f''(x)$ is: $f''(x) = -\sin x$

Using the above formulas:

A. Give two different specific [DON'T USE C] anti-derivatives of f'

i.

ii.

B. Give an anti-derivative of f''

C. Give an anti-derivative of f