

Name _____

Mathematics 105: Calculus I
Fall Semester 2012
David Haines
September 10
Quiz #2

A. Prove that the function f with rule $f(x) = x^3 + 3$ is not an odd function by substituting specific values for x .

B. Prove that the function with rule $f(x) = \sin(x^2 + 5)$ is an even function.