

“QUIZ” for Sept. 29, 2008

NAME: (print!) _____ **Section:** _____

E-MAIL ADDRESS: (print!) _____

1. Find the first, second, and third derivatives of the function $f(x) = x^3 + 2x + 6e^x$.

2. Differentiate

$$y = \frac{2 + \sin x}{1 + 2 \cos x} .$$