

“QUIZ” for Nov. 13, 2008

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

E-MAIL ADDRESS: (print!) _____

1. Find

$$\int_{-10}^{10} \sqrt{100 - x^2} dx \quad .$$

2. Using graphic analysis, find the definite integral

$$\int_{-1}^1 \frac{x^5}{x^4 + 3x^2 + 1} dx$$

(You must justify your answer).