

11am

Quiz 9

Fall 2012

Your name: _____

Math 0220

Your TA's name: _____

No calculators, no notes, no books. Show all your work (no work = no credit). Write neatly. Simplify your answers.

1. [5 points] Evaluate the definite integral $\int_1^4 \frac{e^{\sqrt{x}}}{\sqrt{x}} dx$.

2. [5 points] Evaluate the definite integral $\int_1^2 \frac{\ln x}{x^2} dx$.

bonus problem [5 points extra] Evaluate the integral $\int x\sqrt{x^2+1} dx$