

MATH 234 AL1 QUIZ #9

TUESDAY, NOVEMBER 6TH, 2007, 9AM

Name: _____

Show all work for full credit.

Problem 1. (3 pts each) Calculate the following antiderivatives.

(1) $\int (e^{2x} - \frac{1}{x^2}) dx$

(2) $\int (x^3 - \frac{1}{x}) dx$

(3) $\int \frac{1}{x \ln x} dx$

(4) $\int t\sqrt{t^2 + 1} dt$