

Math 126: Calculus II
Quiz 2 *September 5, 2000*

Name: _____
Section: _____

Calculate the following, carefully **showing your work** and **all** important steps.

1. $\int_1^e \frac{\sqrt{\ln(x)}}{x} dx.$

2. $\int e^x \sin(e^x) dx.$

3. $\frac{d}{dx}(x^x).$