

WRITE YOUR NAME:

MAC 2312 Homework 4
Due in class, Friday February 23rd
You can use more paper if necessary, but please STAPLE

Question 1. Evaluate the integral.

$$\int_0^2 x e^{2x} dx$$

Question 2. Evaluate the integral.

$$\int (\cos x)^{1/3} \sin x \, dx$$

Question 3. Evaluate the integral.

$$\int x \ln x \, dx$$

Question 4. Evaluate the integral.

$$\int \sqrt{x} \ln x \, dx$$

Question 5. Evaluate the integral.

$$\int \ln x \, dx$$