WRITE YOUR NAME:

MAC 2312 WRITTEN HOMEWORK #13
Due Thursday April 18th, in Canvas

Question 1. Evaluate the integral.

$$\int_0^{\pi/4} (1 + \tan x)\sec^2 x \, dx$$

Question 2. Evaluate the integral.

$$\int_{\pi/6}^{\pi/2} \cos x \ln(\sin x) \, dx$$

Question 3. Evaluate the integral.

$$\int xe^{\sqrt{x}}\,dx$$