## WRITE YOUR NAME:

## MAC 2312 WRITTEN HOMEWORK \#5 <br> Due Tuesday February 13th, in Canvas

Question 1. Evaluate the integral.

$$
\int \tan ^{3} x \sec ^{3} x d x
$$

Question 2. Evaluate the integral. Check your answer by differentiating.

$$
\int e^{2 x} \cos 5 x d x
$$

