

Name: \_\_\_\_\_

Show all work clearly and in order. Please box your answers. 10 minutes.

**SOLVE 2 OF THE FOLLOWING INTEGRALS:**

Please indicate which one you do NOT want me to grade by putting an X through it, otherwise I will grade the two worked on:

1. Evaluate  $\int \sin^3(4x)dx$ .

2. Evaluate  $\int \cos^4(x)dx$ .

3. Evaluate  $\int \tan^5(x) \sec^4(x)dx$ .