

Name _____

Homework 2
Section 7.2

Evaluate each of the following integrals. Be sure that your answers are in terms of the same variables as the original integral.

1. (7) $\int (\ln t)^2 dt$

2. (7) $\int_0^2 x^3 e^{x^2} dx$

3. (6) $\int \theta^3 \sin \theta \, d\theta$