

Answer all questions and show your work. Unsupported answers may receive *no credit*. You may not use a calculator on this quiz. Allow 15 minutes for the quiz.

Name: _____ Section: _____

1. Find the following integrals.

(a) (5 points) $\int z4^z dz$

(b) (5 points) $\int t^2 \sin(3t) dt$