

NAME: _____

YOUR GRADE IS BASED ON THE PROCESS AS WELL AS THE FINAL RESULT. SHOW ALL YOUR STEPS CLEARLY SO YOU WILL BE ELIGIBLE FOR THE MOST PARTIAL CREDIT. YOU MAY USE A CALCULATOR, BUT NO NOTES, BOOKS, OR OTHER STUDENTS. GOOD LUCK!

- 1.) (5 pts.) Evaluate the integral using the Fundamental Theorem of Calculus: $\int_{-1}^2 e^x dx$.

- 2.) (5 pts.) For the function g graphed below, estimate the value of $\int_0^8 g(x) dx$ by evaluating a trapezoid sum with two equal subintervals.

