

Math 152 – Fall 2013 – Dr. Linhart – Quiz 1A

1. In the upper right hand corner put your name, then below your name, put your UIN, and below your UIN put your section number for this class. **(3 points)**
2. Evaluate the following derivatives showing your work and/or explaining your reasoning. Simplify and box your final answer.

a) $\frac{d}{dx} \left(\int_{\sin(x)}^{x^3} e^{t^2} dt \right)$ **(4 points)**

b) $\frac{d}{dx} \left(\int_{1/3}^{1/2} e^{t^2} dt \right)$ **(3 points)**

When you are finished, please turn this page over and sign the back. If you have extra time, please write me a note or draw me a picture.

“An Aggie doesn’t lie, cheat or steal, or tolerate those who do.”

I did not give or receive any unauthorized aid on this quiz.

Signature: _____