

Name : _____

140 - Calculus I: Test 5 Extra Credit

DIRECTIONS: Show all work!!!! There is a total of 5 points which will be added to Test 5.

1. (3 points) Compute the following integral by hand:

$$\int_0^{\ln(4)} \frac{e^x + 2}{e^x} dx$$

2. (2 points) Compute the following derivative:

$$f(x) = 2^{x+\cos(x)}$$