

# Reading Quiz 10 for Calculus 3096

Name : \_\_\_\_\_ Student ID # : \_\_\_\_\_ Score : \_\_\_\_\_

Read pages 427-430, 432-434 of chapter 9

1. State the change of limits rule in page 432.

2. Evaluate each of the following indefinite integrals and definite integrals.

(a)  $\int x e^{7x} dx$

(b)  $\int x^7 \ln x dx$

(c)  $\int_1^e \ln x dx$

(d)  $\int_0^3 \frac{x}{\sqrt{x+1}} dx$