

Math 181  
Fall, 2009

Name \_\_\_\_\_

Homework #10  
Due Monday, October 5  
No late homework accepted! No excuses!

1. Evaluate each integral.

a)  $\int_1^{\infty} (1-x)e^{-x} dx$

$$\text{b) } \int_{-\infty}^{\infty} \frac{e^x}{1+e^{2x}} dx$$

$$\text{c) } \int_{-1}^2 \frac{dx}{x^3}$$