

Calculus Class Worksheet #3 Unit 10 _____

Integrate and evaluate each of the following. (Please give the exact value in simplest form.)

1. $\int_0^2 e^{3x} dx =$

2. $\int_1^4 e^{0.2x} dx =$

3. $\int_0^2 x(e^{x^2}) dx =$

4. $\int_1^3 \frac{dx}{x} =$

5. $\int_1^2 \frac{dx}{4x-3} =$

6. $\int_3^7 \frac{xdx}{x^2+1} =$