

Calc II in class

Thursday, June 10

1. Evaluate the following integrals

(a) $\int (x + 1) \ln(x) dx$

(b) $\int_0^\pi x \sin(x) dx$

(c) $\int x e^{-x} dx$

(d) $\int x e^{-x^2} dx$

(e) $\int x^3 e^{-x^2} dx$