

ESP Quiz 6 (Kouba)

Please PRINT your name here : .....

This quiz is due next Tuesday at the beginning of ESP.

1.) (10 pts. each) Evaluate the following indefinite integrals.

a.)  $\int \frac{x}{\sqrt{9-x^2}} dx$

b.)  $\int \frac{x^2}{\sqrt{9-x^2}} dx$

c.)  $\int \frac{x^2}{9-x^2} dx$

d.)  $\int \sin \sqrt{x} dx$

e.)  $\int \frac{1}{e^{3x} + e^x} dx$