

*No graphing calculators are allowed on this quiz.* Please read each question carefully, follow directions and clearly mark your solutions. **Show your work for full credit and don't forget "+C"!**

1. (3 points each) Find the indefinite integral and simplify your answer

(a)

$$\int x^3 + 5x^{2/3} \, dx$$

(b)

$$\int \frac{e^{-1/x}}{x^2} \, dx$$