Section 3.2

1. Know the following rules
   (a) quotient rule
   (b) product rule

2. Write answers to the following questions in your notebook. (Fri Oct 11)
   Find the derivatives of the following functions.
   (a) $3e^x(x^2 + 3x)$
   (b) $\frac{x^2 + e^x}{3e^x + 3x^3}$

Homework

(a) WebAssign Problems: See WebAssign HW6
(b) Hand-Written Problems to turn in: 3.2: 2, 45, 52 Due 10/16