MA113 Homework #5
Due Monday, September 17, 2001

Problems to do, but not turn in:
See the problems listed in the Calendar, September 10
Problems to turn in:

1. Exercises 1.6, #2, 6, 8, 12, 14, 16, 18.

2. Write a few sentences about the following formula:

$$\lim_{x \to a} \frac{f(x) - f(a)}{x - a}$$

   Where does it come from? What does it have to do with secant and tangent lines? Why?