Monday, October 9

FALL BREAK: NO CLASS

Preparing for Class 19

Reading: H-H Section 2.3
Problems: H-H Section 2.3, #1 - 4, 10, 11, 15, 16

**Homework Due:** All problems assigned to prepare for Classes 17, 18 and 19 are due at the start of Class 19.

Wednesday, October 11

Class 19:

**Some Elementary Derivatives and Derivative Rules**

We have begun to build up a list of elementary functions and their derivatives. Today we will add to our list, and also obtain the rules for differentiating sums or differences of functions.

**Take-Home Quiz on Limits handed out.**

Lab 7: New Functions from Old

Preparing for Class 20

Reading: H-H, Sections 4.1, 4.2
Problems: H-H, Section 4.1 #1 - 3, Section 4.2 # 1-6, 31, 32, 38, 39

Friday, October 13

Class 20:

**The Product and Quotient Rules**

In today’s class we will derive rules for differentiating products and quotients of functions, then use these results to obtain formulas for derivatives of more elementary functions.

**Take-Home Quiz on Limits Due at the Start of Class.**