

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.