

Math 118 – Week 9 Assignments
Fall Term 2002

Monday October 21: *Class 19*

We look at several applications of Riemann sums that are not areas under curves.

Homework: #13 (4 points)

CiC, p. 326-8, # 15, 28 (You need to use a computer program like `riemann.tru` or `aggsum.tru` to complete these exercises. Note that in TruBasic, the square root command is denoted by `sqr`.)

Due in *Class 20*

Wednesday October 23 *Class 20:*

We will look at the limit of Riemann sums in order to define the definite integral.

Reading:

CiC, p. 328-339

Homework:

Quiz 7: Numerical Integration

Thursday October 24 Lab #6:

Techniques of anti-differentiation.

Report on LAB 3 (Predator-Prey) Due

Report on LAB 4 (Multivariable Functions) Due

Friday October 25 *Class 21:*

We will consider the Fundamental Theorem of Calculus as it relates to initial value problems.

Reading:

CiC, p. 353-365

Homework: #14 (6 points)

CiC, p. 365-7, # 1,4bcde,7,8bc,14

Due in *Class 22*