Math 4303 **FUNDAMENTALS OF MATH** Fall 2012
Dr. Duval **Homework**
Tuesday, October 2
Follow the separate general guidelines for Parts A,B,C. Be sure to include and label *all four* standard parts (a), (b), (c), (d) of Part A in what you hand in.

Real functions
Unit 3.2 introduction (pp. 86-87)

A: Reading questions. Due by 3pm, Mon., 8 Oct.

1. Is a function whose domain and range are the set of integers a **real function**?

2. What is the graphical significance of real functions?

3. For each of the categories i.-vi. of real functions on pp. 86-87, pick one example of this category, and graph it. (Say which function you are graphing.) Identify the domain and range of each function.

B: Warmup exercises. For you to present in class. Due by end of class Tue., 9 Oct.

   3.2.1 Problems: 1, 3