

**Homework**

Thursday, September 26

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., 7 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., 8 Oct.

**3.2.1 Problems:** 1, 3