

Read: 3.3, 3.3A, 3.4

Exercises:

- Due Wednesday, 21 January 2004:
 - Section 3.2 (pp. 143–145): 3, 8, 10, 12, 22, 30, 34, 37, 41, 42, 43, 44, 45, 46, 56, 60, 66, 67, 71, 72
- Due Monday, 26 January 2004:
 - Section 3.3 (pp. 156–160): 2, 3, 4, 6, 10, 13, 14, 15, 17, 28, 39, 42, 48, 50
 - Section 3.3A (pp. 163–165): 6, 8, 10, 12, 14, 16, 22, 25, 32, 35, 36, 47
- Due Wednesday, 28 January 2004:
 - Section 3.4 (pp. 174–176): 4, 8, 9, 19, 20, 22, 26, 28, 30, 36, 41, 46
 - **AND POSSIBLY MORE TO COME ON NEXT WEEK’S HANDOUT!**

1. No class Monday, in honor of Dr. Martin Luther King, Jr.
2. **Quiz Thursday**, which will cover up to 3.3. Quizzes are for your benefit, so you have a better idea of how you are doing before the midterm.
3. **Please read along in the textbook.** There is no possible way that I can cover every example and every type of homework problem in class. I will cover the main points and help with your understanding that in ways that the book cannot, but the book can go into much more detail than I can. The key to success in this class (and, frankly, every other class) is to read the book, listen to lecture, do the homework, and study on your own.

**A general rule of thumb in college is that you should
study 2–3 hours outside of class for every hour you are in class.**

4. The “Catalog of Basic Functions” on p. 155 is very important. You should get to know it well. Its hobbies include: long walks on the beach, teaming up with graph transformations (Section 3.4) to graph more complicated functions, and showing up on quizzes and midterms.
5. Be sure you understand *why* the transformations work. It is much easier than just memorizing *how* they work.