

MATH 152, HOMEWORK #3

DUE THURSDAY, SEPTEMBER 8

Remember, consult the Homework Guidelines for general instructions. All problems listed by section and exercise number are from our textbook.

GRADED EXERCISES:

1. Section 1.3, Exercise 5.
2. Section 1.3, Exercise 6.
3. Section 1.3, Exercise 8.
4. Section 1.4, Exercise 6.
5. Section 1.4, Exercise 8.
6. Section 1.4, Exercise 10a.
7. Section 1.4, Exercise 12.

MATH JOURNAL – please submit on a separate page (not stapled to the rest of the homework), as this will go directly to Kelli, not the grader. Choose ONE of the following and write 1-3 paragraphs (no more than one page, please).

- (Section 1.3, Exercise 9) Discuss the inherent dangers of giving students problems such as Exercises 1-6 in Section 1.3. What can you do to avoid or minimize these dangers? (It's fine to focus on just 1-2 problematic things.)
- Reflect on any math education topic you have been thinking about. E.g., a really nice technique for teaching an idea, a situation working with a struggling student and how you handled it or wish you'd handled it, general insights on connecting with students, etc.

UNGRADED HOMEWORK:

Section 1.3, Exercises 2, 4.

Section 1.4, Exercises 1, 2, 3, 4, 5, 7, 11, 13.