

MATH 152, HOMEWORK #6

DUE THURSDAY, OCTOBER 6

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

GRADED EXERCISES:

1. Section 4.2, Exercise 1.
2. Section 4.2, Exercise 8. (Fine to use the integer properties E1, E2, E3.)
3. Section 4.3, Exercise 1.
4. Section 4.3, Exercise 4.
5. Section 4.3, Exercise 6.
6. Section 4.3, Exercise 7.
7. Section 4.3, Exercise 9. (Note: pre-calc students do lots of exercises like these, secretly getting ready for derivatives.)

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).

- What will you change about your studying and work habits to hopefully do better on the second midterm?
- 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 4.2, Exercises 2, 3, 4, 5, 9, 11, 13, 14

Section 4.3, Exercises 2, 3, 5, 8,