

# MATH 152, HOMEWORK #9

## DUE THURSDAY, OCTOBER 27

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

### GRADED EXERCISES:

1. Section 5.3, Exercise 6.
2. Section 5.3, Exercise 7.
3. Section 6.2, Exercise 1.
4. Section 6.2, Exercise 3.
5. Section 6.2, Exercise 4.
6. Section 6.2, Exercise 8.
7. Section 6.2, Exercise 13.

**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).

- Current geometry classes frequently expose students to two-column proofs, paragraph proofs, and flow-chart proofs. What are the pros and cons of each type? (For students and/or teachers.)
- 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 5.3, Exercises 1, 2, 3, 4

Section 5.4, Exercises 2, 4, 5a, 5b

Section 6.2, Exercises 2, 5, 6, 7, 9, 10, 11, 12, 14