

Math 215 HW #2

Due 5:00 PM Thursday, February 4

Reading: Sections 1.4–1.5 from Strang's *Linear Algebra and its Applications*, 4th edition.

Problems: Please follow the guidelines for collaboration detailed in the course syllabus.

1. Problem 1.4.6
2. Problem 1.4.16.
3. Problem 1.4.20.
4. Problem 1.4.32.
5. Problem 1.4.56.
6. Problem 1.5.4.
7. Problem 1.5.18.
8. Problem 1.5.24.
9. Problem 1.5.30. If you're having trouble making progress, Problem 1.5.29 is a good warm-up exercise for which you can check your solution against the solution in the back of the book.
10. Problem 1.5.42.