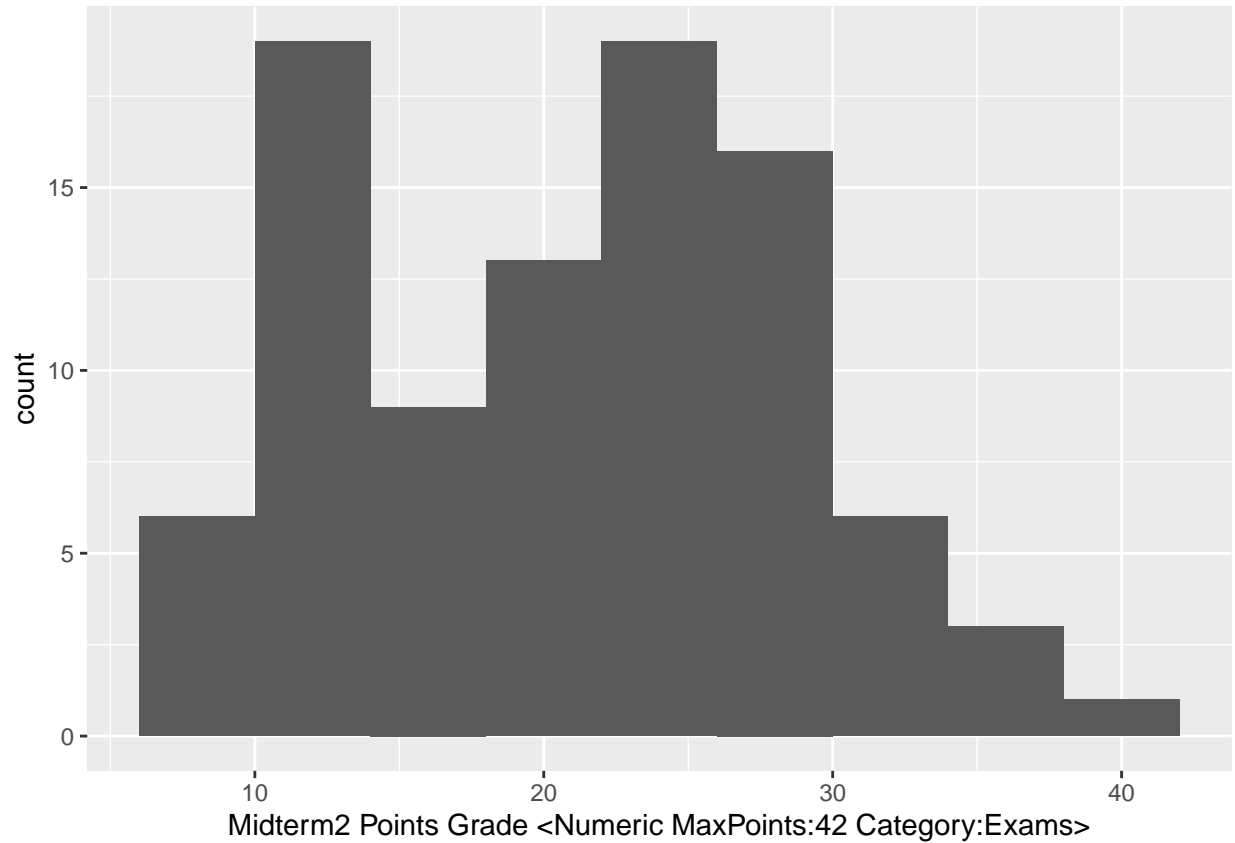


Midterm 2 Analysis

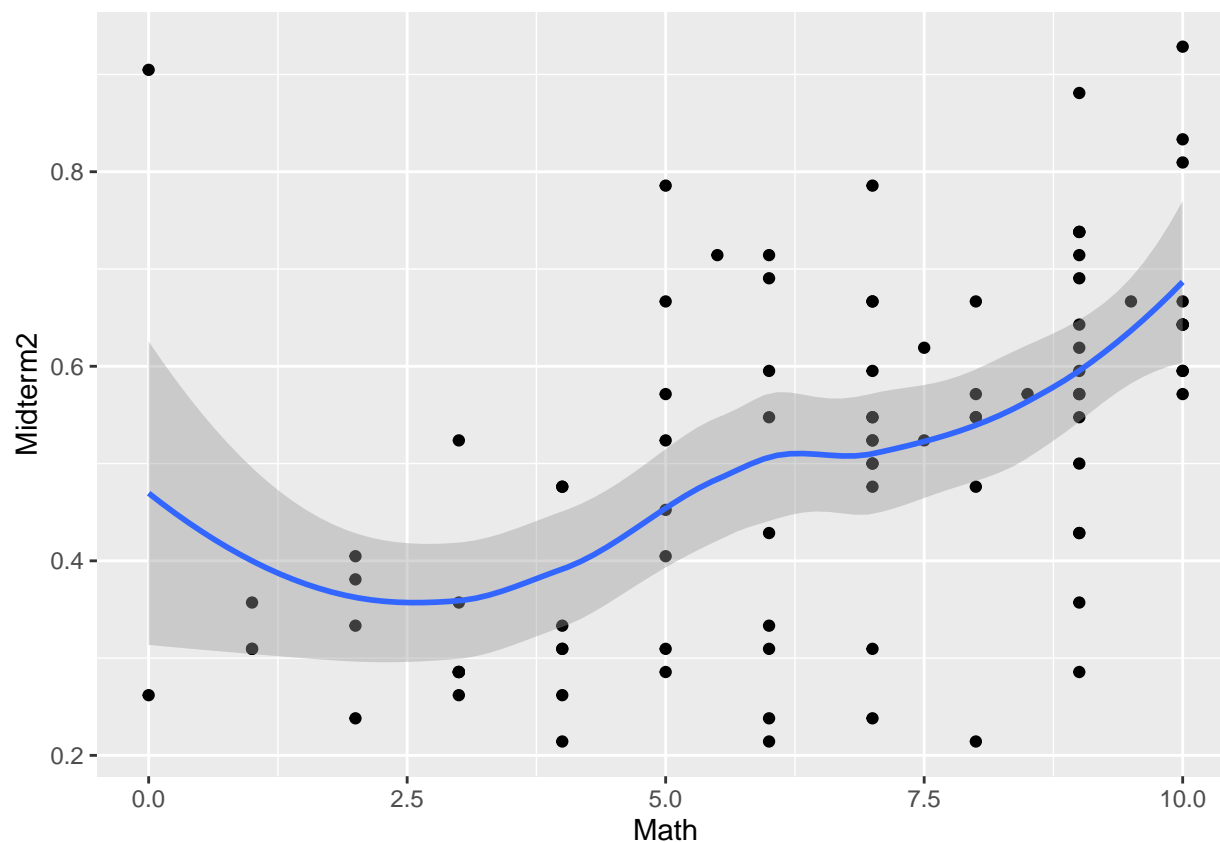
Overview



Here is the grade distribution for the second midterm. The lowest score was 9 and the highest was 39. 75% of the class scored more than 14, 50% scored more than 22 and 25% scored more than 27.

You had the answers to about 10 of the questions. Also, several of the questions were just shortened versions of the homework assignments or used graphics from the keys.

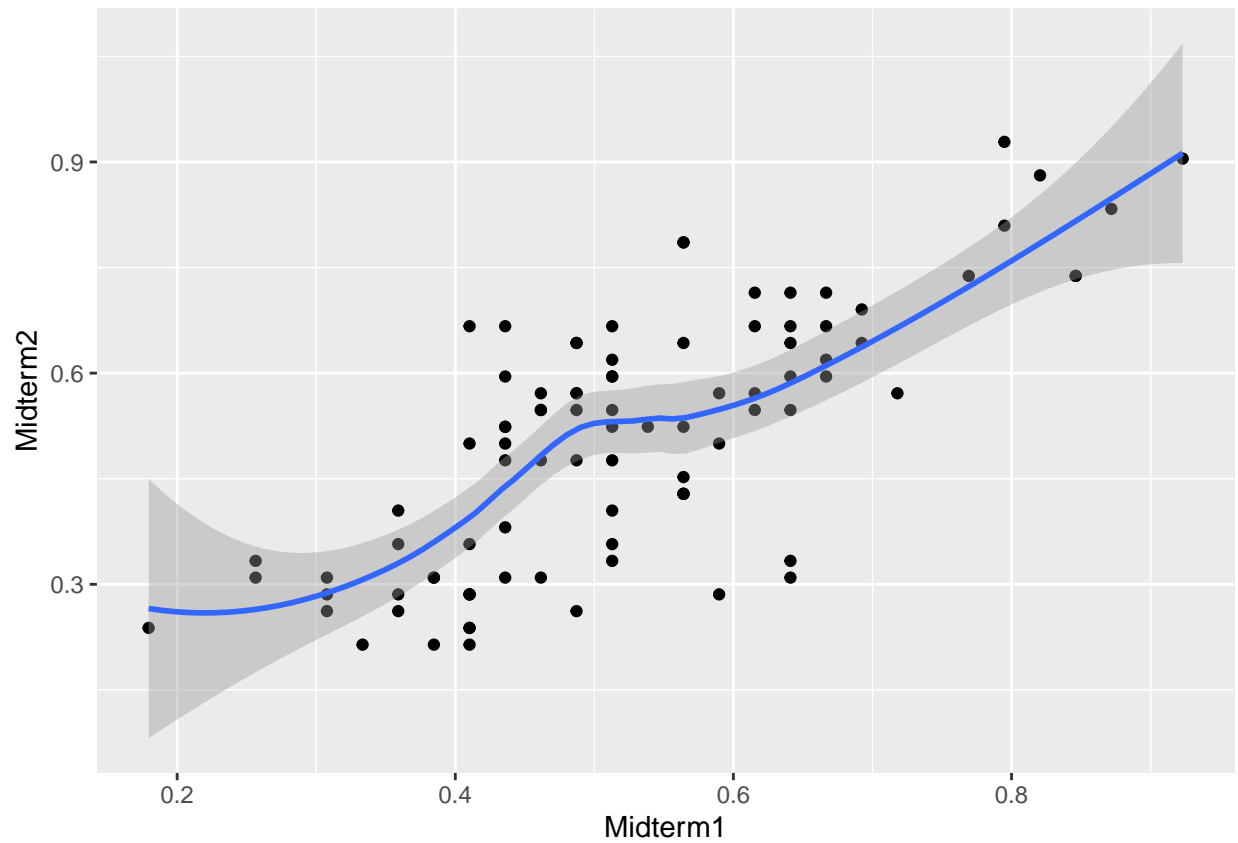
Math



Hitting on this issue again. It is really hard to do well in this class without being fairly solid with math concepts. Here is a graph that shows the grade on the math pre-test and the midterm score. Note that the grades go up the higher the math score and that only two people with math scores less than 5 were able to get 50%. The one outlier with one of the highest scores in the class and a zero on math has been devoting themselves to a serious math review and it is paying off.

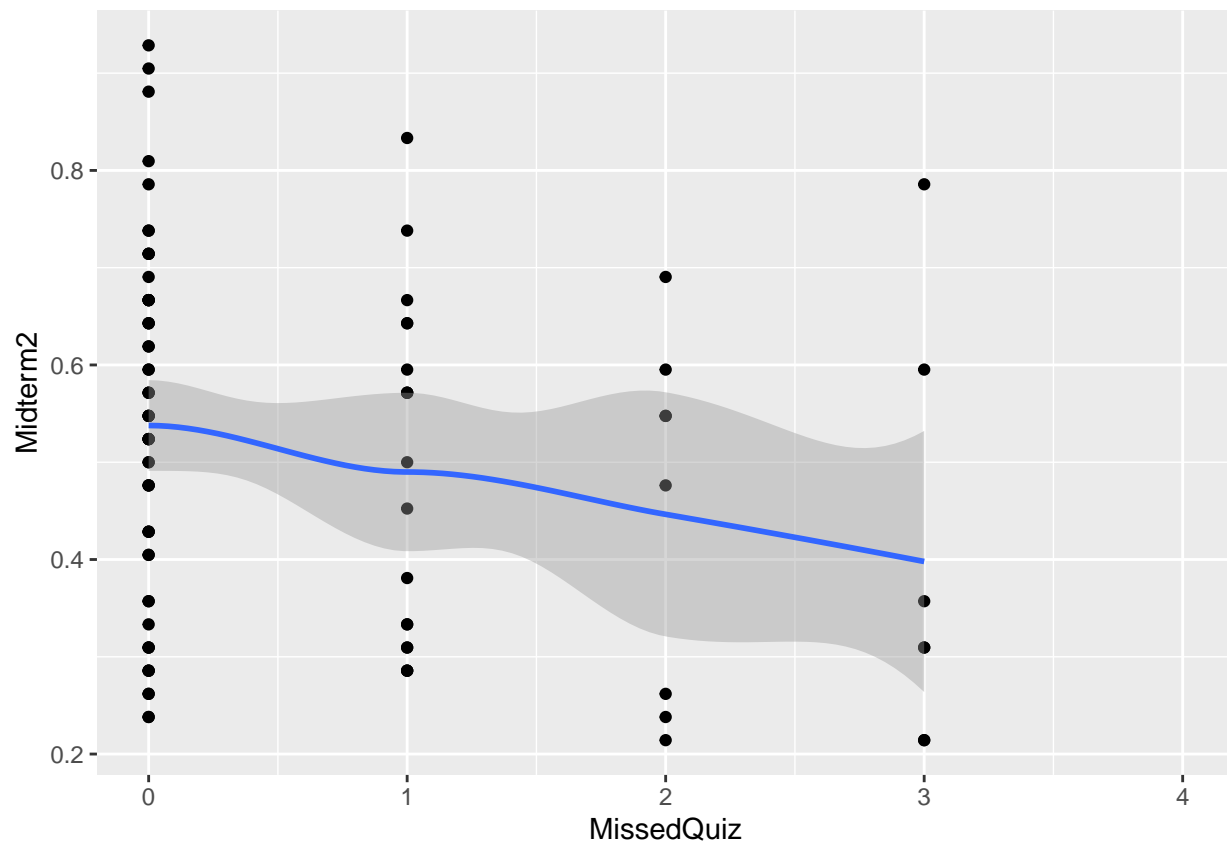
First and Second Midterm

Here is a quick comparison of how people did on the first and second midterm. These are in fraction of points, rather than points. Faculty often joke that we can assign grades after the first midterm.

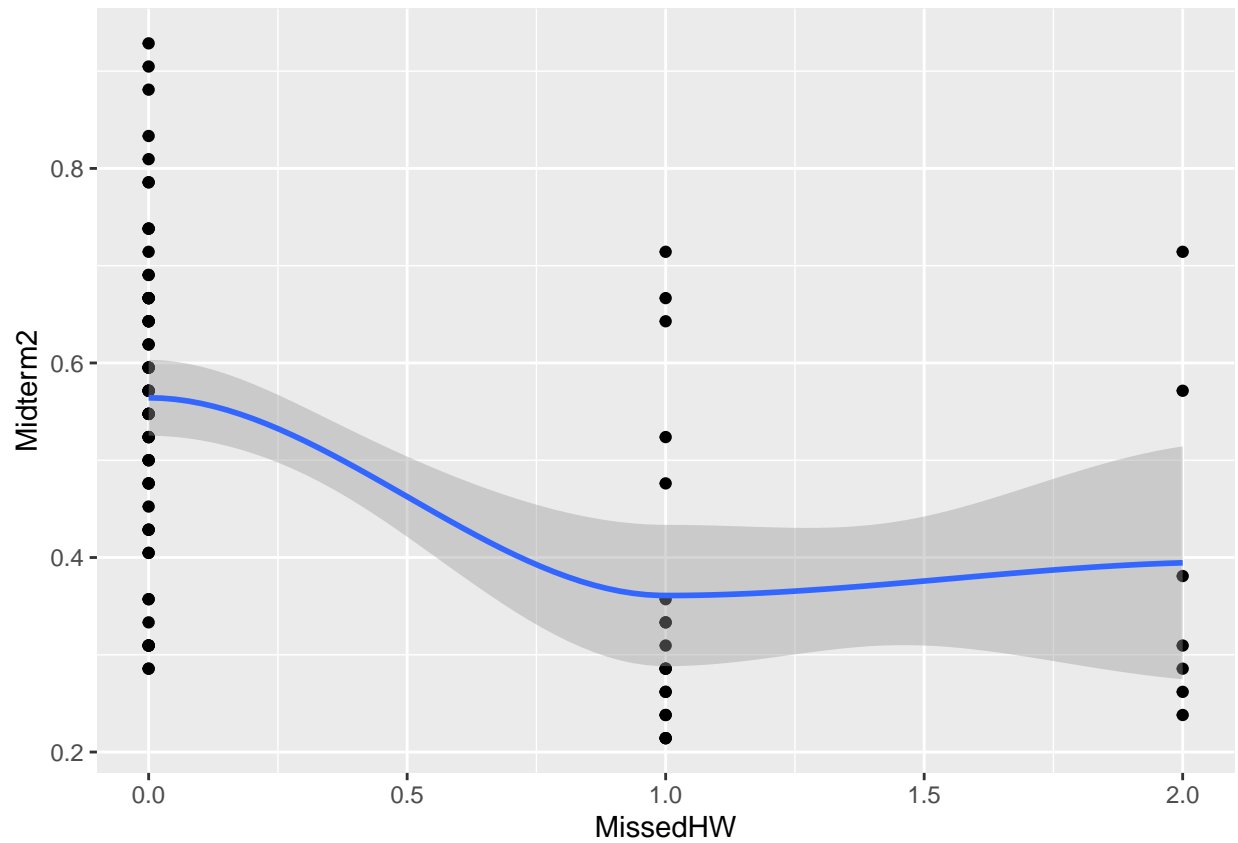


Not Turning in Homework and Not Showing Up to Class.

Showing up to class to take quizzes is still a path to better performance. Please note that this is based on all the quizzes. Most of the class is getting the message.



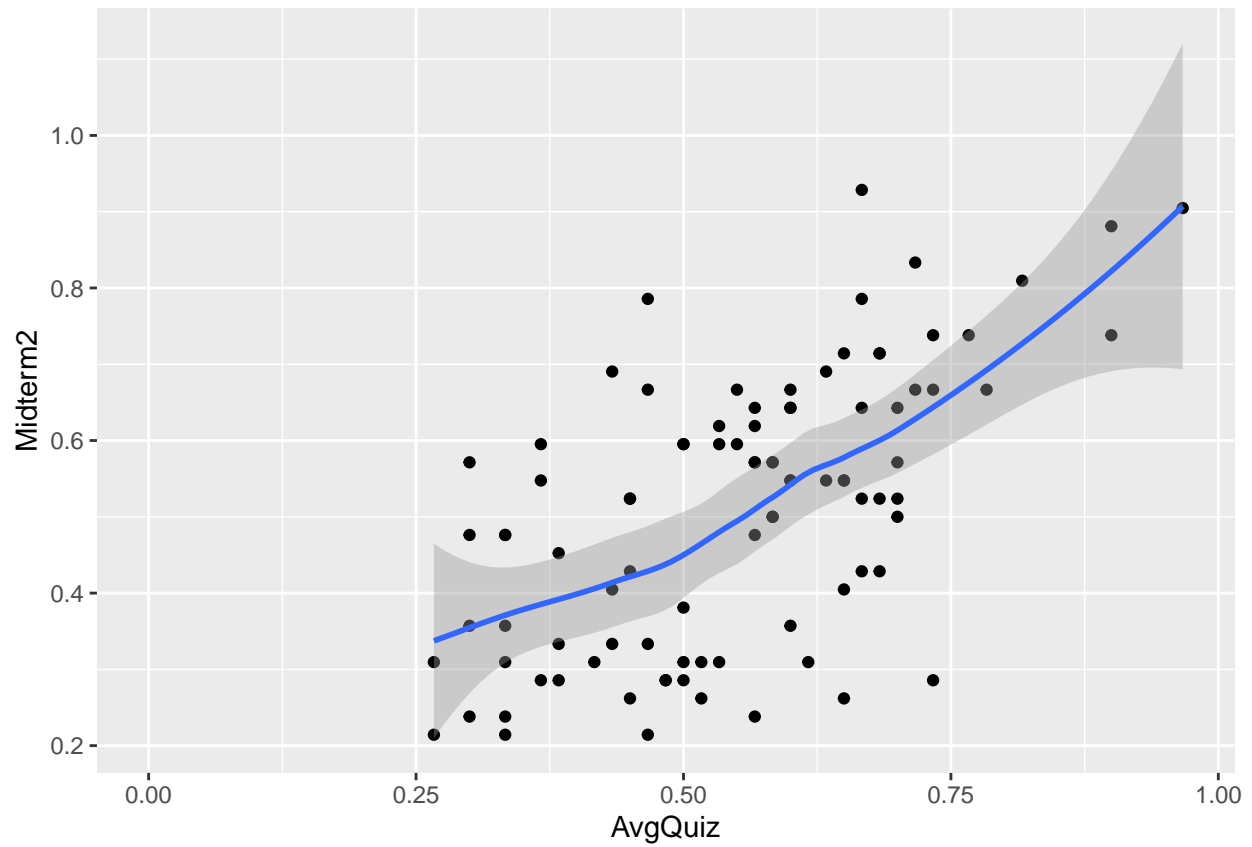
Turning in homework tells a very similar story. The more homework assignments you miss the worse your midterm score.



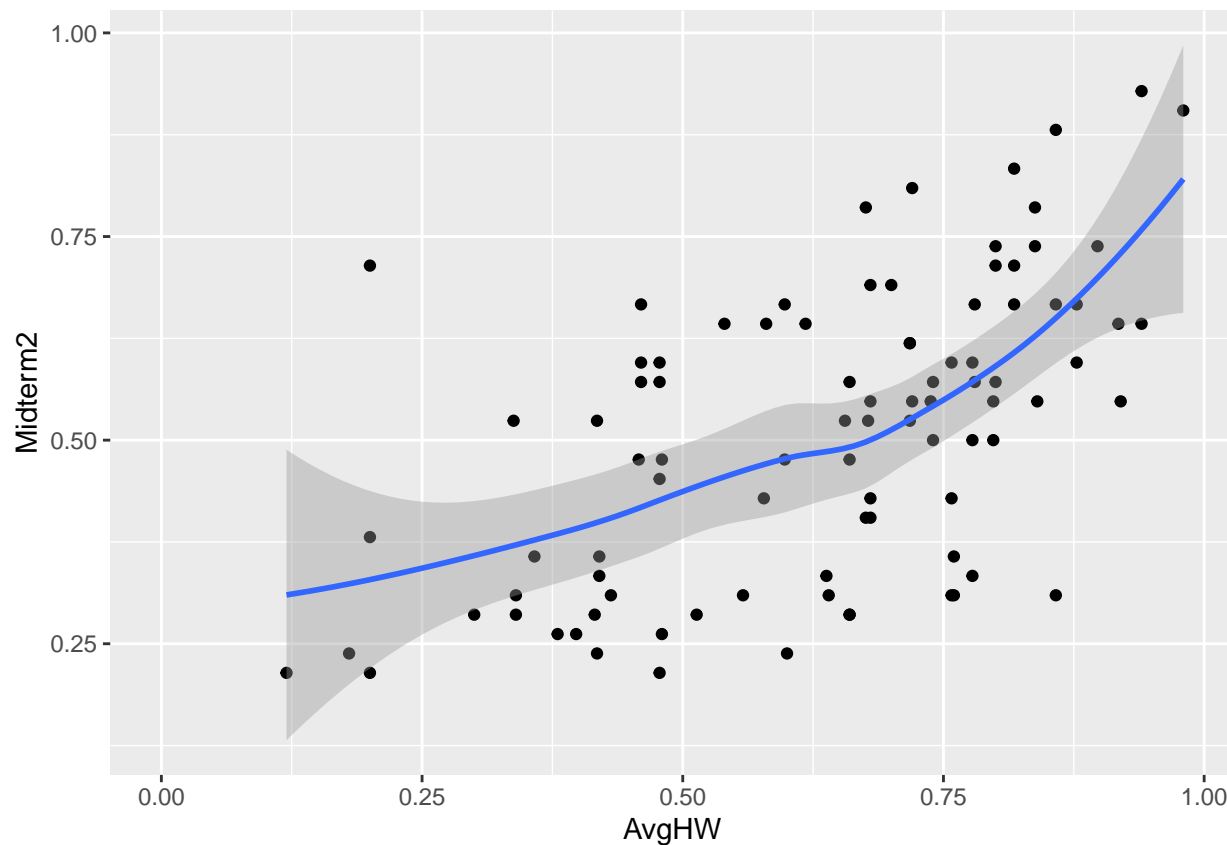
Doing the Work

For the first midterm I used the performance on the quizzes as a indicator of people reviewing notes before class. Here it is again.

Those that on average did better on the quizzes, did better on the exam.



People that took the time to try to do the homework also did better on the exam.



Recommendations

These are unchanged from the first midterm with one new one. With at least ten questions in hand from the first midterm and quizzes, the scores could have been better.

- **Review past exams and quizzes**
- Come to class every day.
- Study, for at least a while, every day.
- Review the previous class notes before the next class.
- Go back to Khan Academy and get working on your math skills <https://www.khanacademy.org/math>