

We've come a long way in this course—we've gone from basic vectors, through multi-variable calculus and differential equations, and all the way to spans, linear independence, eigenvectors, and diagonalization. I would like you to write reflect about your experience.

Before the year started, you completed a Homework 0, which asked the questions:

1. What type of thinking do you expect to do in a math class? How is this type of thinking similar or different to the types of thinking you might do in classes for other subjects? Please give some examples.
2. What roles do *you*, *your instructor*, and *your peers* each play in the process of learning?
3. In math, how can you tell if you're right or wrong?
4. In math, is an answer always either right or wrong? Please explain.
5. Professors in the English department list "evaluate multiple perspectives," "reframe questions and issues," and "examine central issues and assumptions" as goals for their courses. Are these goals relevant to math? Please explain.

I would like you to reread your original Homework 0, and write a short essay about how your thoughts have changed, been reinforced or enhanced, and what your current opinions are. Please provide at least one example of why your opinions are now the same or different from before. Your example can come from this class, but it doesn't have to.

Your essay should be around 1 page in length.