

MATH 3040: CLASS ASSIGNMENT (MAR. 2)

Think of five different questions that you feel would be appropriate for an exam on the material in the class so far. (Essentially write a prelim exam for the class, as if you were teaching it.) Type or write these neatly on a single sheet of paper.

On a separate set of sheets, write solutions to each of your questions (together with the statement of your questions).

Bring **both your sheet of questions** and **your sheet of solutions** to class. We will use the former for a class activity on Monday and you will submit the latter to me at the *end* of class, where it will be evaluated on both the quality of the questions and the solutions.

One suggestion for ideas: look to questions that you submitted as the first answer to your previous homeworks, especially the part about the concrete questions.

Another suggestion for ideas: It's common to outline class material in terms of topics, like the sheets or chapter headings of our textbook. However, another way to organize the class material—especially in a class like “Prove it!” where the methods are more important than the content per se—is in terms of the skill. What are the concrete skills (e.g. “Be able to negate a statement with multiple quantifiers and a uniqueness statement”) that we've developed in the class so far? What would be a quick way to test whether somebody knew how to do so?

In addition, answer the following online survey, preferably after you've spent a little time reviewing for the final. It will help me get a general sense of how people feel about the class material so far:

<https://forms.gle/WFp5aveHJ9N2DnhG7>

Best of luck studying!