

Problem Solving Midterm

The problem solving Midterm for Math 396 will be on Wednesday, Nov. 12.

During this Midterm you will work individually and answer a variety of problems drawn from the various topics that we have covered. These problem solving topics are:

- Draw a diagram
- Make a systematic list
- Guess and check
- Eliminate possibilities
- Convert to algebra
- Use matrix logic
- Solve an easier related problem

To prepare for the midterm, you should study your homework, the related chapters in the textbook (1-4, 6, 9 and 13), Activities 1-8. The book is a great resource when studying – there are many worked out examples explained in the section and there are many problems at the end of each section to work on. Activity 6 in your coursepack is also good for review.

You should also work through the review problems passed out in class. It is a good idea to practice doing problems in a timed environment – for example try to complete the review sheet in 2 hours – or write down a set of 6-7 problems from book in the relevant section and give yourself 2 hours to solve them. Disclaimer: the problems on the review sheet do not cover all types of questions and strategies that will be required for the exam – in other words, don't just do the work sheet and not study anything else.