

Mathematics 1160 — Math, A Human Endeavor

Topics for Exam 4

Spring 2010

You are responsible for all assigned readings (textbook and handouts), suggested homework, and the topics covered in slides and lectures. The following list of topics may help you in your preparation for the exam.

- Sec 3.5 Euler Diagrams
- Sec 3.6 Analyzing Arguments with Truth Tables
 - Including the named types of arguments, both valid and invalid:

Argument Types		
<i>modus ponens</i>	<i>modus tollens</i>	<i>disjunctive syllogism</i>
<i>reasoning by transitivity</i>	<i>fallacy of the converse</i>	<i>fallacy of the inverse</i>

- Converting arguments to symbols and analyzing by truth table and/or named type

Don't forget to bring your workbook to the exam & turn it in!