

**Please read these instructions carefully before you begin the exam.**

You are taking this exam under the honor system. Your signature at the bottom of this page is your promise to abide by the conditions described below. Breaking this promise violates Lewis and Clark's academic integrity policy and will result (at minimum) in a score of zero on this exam.

1. Do not write your name anywhere on your exam. Instead, write a code name or number on the upper-right hand corner of each page. At the bottom of this page of instructions, under your name and signature, write your code. This is to guarantee that I grade your exam objectively. Include this cover sheet as you upload your exam papers when you turn it in.
2. To answer these questions, use only the knowledge in your head, notes from class, old homework assignments and their solution keys, and the course text by Dummit and Foote. You can also use old notes and assignments from Math 421 last semester. Do not use information from the internet to solve these problems. If you have questions about this rule please contact me.
3. The procedures you use to tackle the problems must be carefully stated. The clarity of your answers will be as important as their correctness. A carefully and clearly written partial solution can be worth more than a complete solution which is disorganized and confusing.
4. This exam is due in Moodle by midnight on Friday, April 17.
5. Do not talk to or collaborate in any way with any other student, whether enrolled in Math 422 or not, whether they have already taken the exam or not, about these problems until Saturday, April 18. That includes: their difficulty, how long you worked on them, as well as any other exam-related topic you might imagine. Please take care to keep your write-ups and scratch work private so that others in the course don't encounter them.
6. Finally, do your best to think logically and clearly, and then trust your judgment. There are no "trick" questions here. Be sure to read the questions carefully, and ask me for clarification if necessary.

Your name and signature: Sean Richardson

Your code: Doerd (code can be anything, maybe your favorite movie character)

Start date and time: 05/15 at 10:00am End date and time: 07/15 at 11:00pm