

Final Exam Review

The exam will be six problems plus one or two extra credit problem(s). You must complete all six problems. Below is a summary of what you should expect for each of the problems:

- (1) A table/pattern problem (we have done many of these in class).
- (2) A medium difficulty Cryptarithmic problem. Review examples and solving strategies given in class/homework/exam. Good examples with similar difficulty to the one on the exam is Stretch 25 Pg. 101 and the problem from Exam 2. There are many examples on Pg. 116, but keep in mind that many of these are more difficult than what you should expect on the exam. There are also many online sources to find examples.
- (3) A logic/reasoning question where you must think about difference cases.
- (4) An estimation problem (see examples done in class). Remember, the final answer is not what counts. The important part of your answer is your explanation, logic, and detail.
- (5) Your experience working in groups.
- (6) A problem involving adding numbers/using Gauss' trick.