

Math 4460
Test 1 Study Guide

Test 1 covers:

- HW 1
- HW 2

Computations:

- Calculating the GCD
HW 2 - #1, 2
- Euclidean algorithm to calculate the GCD
Definitely know this
HW 2 - #3
- Euclidean algorithm to solve $ax + by = c$
Definitely know this
HW 2 - # 4

Proofs:

There will be at least one proof directly from the HW on the test.

Here are some good ones to study:

- Division proofs
HW 1 - # 1, 2, 3, 4, 5, 6, 8, 12
- Composite / primes
HW 1 - # 7, 10
- GCD
HW 2 - # 5, 6, 7, 8, 9, 10, 11, 12, 13