Math 4300 – Final Exam Study Guide
Bring a calculator that isn't your phone to the exam.

The final exam is cumulative and covers: Test 1 material, Test 2 material, HW 6, HW 7.

Test 1 – Look at test 1 study guide.
Test 2 – Look at test 2 study guide

New material is outlined below.

New material – Computations:

- Draw an accurate picture of an angle or triangle.
  HW 6 - problems 1, 2.

- Drawing pictures of halfplanes and determining if points are on the same side or opposite side.
  HW 7 – problems 1, 2.

New material – proofs:

- Proofs with angles and triangles.
  HW 6 – problem 3.

- Proof about constructing a point ahead of two others on a ray.
  HW 6 – problem 4.

- Proofs about same side / opposite side of a line.
  HW 7 – problems 6, 7, 8.

- The following problems will **NOT** be on the final.
  HW 7 – problems 3, 4, 5.
  Problem 3 is good if you want to learn more about how to describe a line segment or ray using rulers.
  Problems 4,5 are good if you want to practice proving sets are convex.