
**Math 5680 -
Final Exam Study Guide**

Topics:

The final exam is cumulative and covers test 1 material, test 2 material, HW 5, HW 6, HW 7.

Test 1 material – see test 1 study guide.

Test 2 material – see test 2 study guide.

HW 5 material –

- Using the residue theorem to calculate integrals. Problems 1, 2, 3, 4.

HW 6 material –

- Calculating real integrals using the residue theorem.
Problems 1, 2, 3, 4.
A problem like # 5 won't be on the final.

HW 7 material –

- Using the identity theorem.
Problems 1, 2.