

MATH 201: QUESTIONS FOR CLASS DISCUSSION



[riddles](#): Aug 27

[introduction to sets](#): Aug 29

[naïve set theory](#): Sept 3

[propositional logic](#): Sept 5

[first-order predicate logic](#): Sept 10

[practice problems](#) (Ch 1 – 2) Sept 12

[counting: introduction](#) Sept 17

[counting continued](#) Sept 19

[counting: harder exercises](#) and Test 1 prep: Sept 24

Test 1 Sept 26

[mathematical induction](#) Oct 1

[induction continued](#) Oct 10

[direct proofs](#) Oct 15

Test 2 Oct 17

proof by contrapositive and intro to modular arithmetic Oct 22

proof by contradiction Oct 24

gcd and lcm Oct 29

congruence, Fermat's little theorem Oct. 31

relations; equivalence relations Nov 5

Test 3 Nov 14

mappings Nov 19

cardinality Nov 21

Georg Cantor Nov 26

pigeon-hole principle Dec 3