$ 4.1$ (10/24, 10/26 half) Modular and its relation to remainder. Congruences and analogue to the “=” relation.

$ 4.2$ (10/26 half, 10/31) base-b expansion: decimal, binary, octal, hexadecimal, etc. Alg for finding base-b expansion. Alg of adding binary expansions.


$ 5.2$ (11/14) Strong induction: factorization, stamps, games.

$ 5.3$ (11/16) Recursive definitions: sequences, sets, concatenation of strings, binary trees.

Review for Test 3 (11/21)


$ 6.3$ (11/30 half, 12/5) Permutation and Combination.

Review (12/7 the reading day) Location and time TBA.