Overview of Math 105

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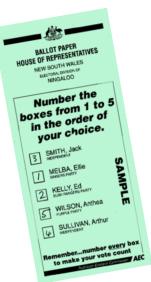
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- In Math 105, we will focus on **real-life applications** where mathematics can help model problems, understand structures, and find solutions.

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- In Math 105, we will focus on **real-life applications** where mathematics can help model problems, understand structures, and find solutions.
- Some of the mathematics we'll encounter may be familiar to you; some of it will probably be new.

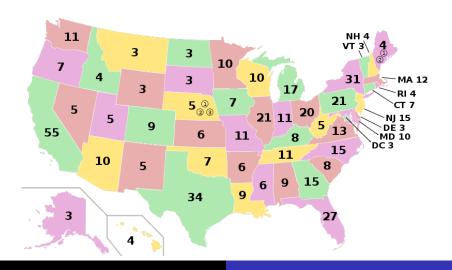
Part 1: The Mathematics of Social Choice

Voting and Elections



Part 1: The Mathematics of Social Choice

Measuring Power

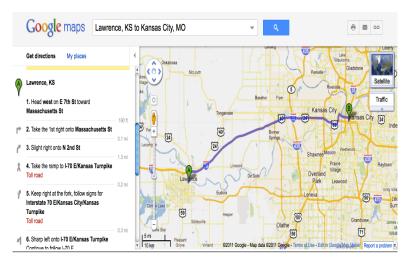


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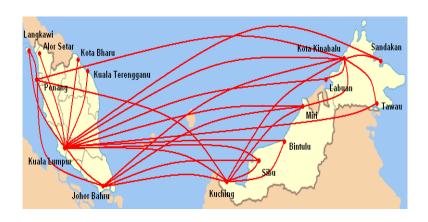
Fair-Division Problems



Finding Paths in Networks



Building Networks Efficiently



Scheduling Multiple Tasks



How to Color a Map



Part 3: Other Topics

Symmetry and Patterns



Part 3: Other Topics

Chance and Probability

