# Administrivia

- Reminder: read ch. 1 & 2.
  - Key topics from Ch 1: What are AI tasks? Tradeoffs between different approaches to Tic-Tac-Toe, The Turing Test.
- Reminder: no late assignments.
- Reminder: you are "responsible" for the readings + lectures. What was Aaron?

# Our Focus

- Method for AI: experimental computer science.
- Initial family of techniques: Search.
- Search = a class of techniques for systematically finding (or constructing) solutions to problems.

**Issues:**

- What AI problems can you solve using search?
- What are the tradeoffs between search algorithms?
- How do you specify a search problem?

# Search 101: generate-n-test.

1. Generate a possible solution.
2. Test the solution.
3. If a solution has been found, quit.
   Otherwise, return to step 1.

**Example**: combination lock.

Analysis: what do you need for g&t?