Ideal=rational

Priory=geography

* What is AI?
  + Turing test approach or Acting Humanly
    - National Language Processing
    - Knowledge Representation
    - Automated Reasoning
    - Machine Learning
    - Total Turing Test: Computer vision + Robotics
  + Cognitive Modelling Approach or Thinking Humanly
    - Introspection
    - Psychological experiments
    - Brain imaging
  + Laws of thought approach or Thinking Rationally
    - Syllogism
  + \*Rational Agent approach or Acting Rationally
* Agents and environment
  + Rational agent
  + Environment
  + Sensor
  + Percept and percept sequence
  + Actuator
  + Actions
  + Agent function [f(x)]
  + Agent Program
* Performance measure
  + Game: Guess-my-number from 1 to 100 [<7 attempts]
    - Binary Search

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| --- | --- |
| Percept Sequence | f(x) |
|  |  |