

Today (April 8, 2008)

•Reminder: sections start today - sign up on Coursework!

•Remarks about the readings and quizzes

•Finishing up Mind, Body, and World

•Logic and Machines

•Tips on *Gödel's Proof*

Quiz 1

Pick up outside 460-040 (keep folders neat)

Answer key posted on course website <http://www.stanford.edu/class/symbsys100>

Average score: 11.1

Distribution:

score:	0	4	8	12	16	20
% of class:	4%	5%	26%	40%	21%	4%

Remarks on the quizzes

Don't panic - let yourself learn

A bit of psychology: Dweck's entity versus incremental theorists - be the latter

How I grade

Quizzing at the right level

How to study

Do the reading well once (highlighting, margin writing or light notetaking) - 4 or 5 hours per class session

Go to class and take notes

Take quiz - compare answers to key and sources

Go to section - ask questions

Review notes and highlights before midterm and final

Pose questions on and follow the discussion list

Go to office hours if you need more help

Materialism III: Eliminativism

mental states don't exist

analogies

witches

phlogiston

elan vital

spirit diseases
Failures of folk psychology
introspectionism

experiments

split brains
Differ from reductionism?
gamma synchrony

DLPFC (Dorsolateral Prefrontal Cortex)

Mind and world (rough outline)

Monism - opposite of dualism

•Idealism

dreams, other minds - experience is all there is

•Materialism

matter is all there is

Realism

“God is no deceiver” - the world we see is real

Transcendental Idealism

Kant’s view - a synthesis

Logic and Machines:

A Brief History

“Pythagoras” (6th Century BCE)

Socrates and Plato

(5th/4th Centuries BCE)

Aristotle (4th Century BCE)

Euclid’s *Elements*

(3rd Centuries BCE)

Leibniz (1646-1716)

Boole (1815-1864)

Frege (1848-1925)

Bertrand Russell (1872-1970)

Kurt Gödel (1906-1978)

Alan Turing (1912-1954)