

(Co-invented Calculus)

- The best of all possible worlds
- wrote his first book at 19

Leibniz

Anticipated European Union

There is only one substance; monad $\Rightarrow$ a unit of spiritual thing
 $\hookrightarrow$ indivisible, dimensionless

- 1) Truth of Reasoning (Triangle has 3 sides) Necessary
2) Truth of Facts (stop signs are hexagonal) Contingent
- } Avicenna

The veil of perception



What is reality with Certainty?

Limits of empiricism

John Locke's primary & secondary qualities
 $\downarrow$
exist outside of the observer
 $\hookrightarrow$ interaction w. senses