The Arch of Aristotelian Logic

The "Problem of Induction":
how many individuals of a
kind justifies a generalization?

The "Problem of Deduction":
why do First Principles not
need to be proven?

The intuitive grasp of
self-evident First Principles

Inductive
Generalizations
uncertain

"Mind"

Posterior Analytics

First Principles or Axioms
of Demonstration
certain

An infinite regress of reasons
is avoided if there are
reasons which do not need to
be proven, i.e. First Principles

Posterior Analytics

Prior Analytics

**Inductive
Logic**

counting and
generalization
of individual kinds
and events

reasons

the Regress
of Reasons

beliefs

**Deductive
Logic**

premises

experience

conclusions or
theorems of the
deductive system

conclusion

individual objects