



Essentials of Formal Logic with Joelle Hodge

Lesson 41: Chapter 9.7

Outline:

Chapter 9, Lesson 9.7

- Definitions and Disagreements
- Pursuing Truth
- You know the difference between induction and deduction.
- You know how to identify single propositions and make inferences using the square of opposition and the relationships of equivalence.
- You know how to identify deductive categorical arguments and analyze them for validity using the Barbara mnemonic device, counterexamples, the seven validity rules, and Venn diagrams.
- You know how to critique an argument when it is valid but you believe it is unsound.
- You know how to construct valid deductive arguments.
- You know how to use Socratic dialogue to discuss a deductive argument.
- As this book comes to a conclusion, we would like to leave you with a parting story from our friend Socrates, as recorded by Plato. It is often referred to as the “Allegory of the Cave.”
 - Logic is one of the tools that enables you to see truth better.