

Follow the separate general guidelines for Parts A,B,C. Be sure to include and label *all four* standard parts a,b,c,d of Part A in what you hand in.

A: To hand in one class period before discussion.

a. Read sections 1.1, 1.2, and 1.3 of our text by Susanna Epp, third edition.

Reading questions (RQ) for part a of Part A:

1. What does it mean for two statements to be logically equivalent?
2. What is a contrapositive? What is a converse? What is an inverse (in reference to a conditional statement)?
3. What is a biconditional?
4. Compare and contrast the ways implications are represented in the textbook and in the writings of Russell and Whitehead, Frege, Boole, and Chrysippus.

B: Warmup exercises: Will be assigned in class.

C: Main exercises. Are available online.