

Part I (due Friday, August 28 at the beginning of class.)

Read the syllabus. Then, in *Mathematical Reasoning: Writing and Proof*, read Section 1.1 (pages 1–16), completing the Beginning Activities and Progress Checks as you come to them in the reading.

Note: the textbook is using the notation $P \rightarrow Q$ for “If P , then Q .” We will use the notation $P \implies Q$. We will also insert the grammatically correct comma between “If P ” and “then Q .” Textbooks are by no means perfect!

Remember that what you record for Part I should have 3 parts, as mentioned in the syllabus:

- (a) Your responses to the reading questions below.
- (b) Your own questions/comments on the reading.
- (c) The amount of time you spent on Part I (including the time spent reading).

Reading Questions (due Friday, August 28)

- 1. Beginning Activity 1
- 2. Beginning Activity 2

Part II: Exercises (for presenting Friday, August 28)

- 1. Progress Check 1.1
- 2. Progress Check 1.7
- 3. Exercise 3
- 4. Exercise 4

Part III: Problems

No Part III problems yet, but for next Friday (September 4) you will need to write up a carefully explained solution to the eccentric woman in the hotel problem (3 rooms and 4 rooms), so feel free to get started on that now if you'd like!