Homework Assignment #8
Due at the beginning of class on Monday, March 17

Exercises on Ambiguity
Symbolize the following sentences, using the interpretation provided below. If a sentence is ambiguous, provide a symbolization for each of its disambiguations. (Note: Not every sentence below is ambiguous. Consider a sentence to be ambiguous if there are at least two non-equivalent symbolizations of it.)

D: People
C:i: i was in the corridor.
R:i: i was in the room.
S:i;i: i saw i.
g: Gertrude

1. Everyone in the room saw Gertrude.
2. Everyone in the room did not see Gertrude.
3. Gertrude did not see someone who was in the corridor.
4. Everyone in the room saw someone who was in the corridor.
5. No one in the room saw someone who was in the corridor.

Exercises 7-3
2, 4, 10, 14, 18, 20, 22

Note: the interpretation on p. 197 contains some misprints. It should be:

D: {1, 2}
B:i: i is in {1, 2}.
L:i;i: <i, i> is in {<1, 2>, <2, 2>}.

Assignment continues on the next page . . .
Exercises 8-1
2, 6, 12

Exercises 8-2
4, 6, 14

Exercises 8-3
2, 6

Exercises 8-4
12, 16