1. Please give tableaux proofs for these exercises on page 24 of the Smullyan textbook:

   (3), (4), (5), (6), (8).

2. Please explain why the two rules labeled 4 on page 17 are valid.

3. Smullyan's account of logic is based on the notion of "truth." What does it mean to you that a proposition is true? Illustrate your explanation with one of the problem 1 examples just above.