

1. Study Sections 11.3, 11.4.
2. Read lightly Sections 11.6, 11.7.
3. Do Exercise 11.6.
4. Do Exercise 11.7(a).
Do not assume part (d). Starting with the LHS of the \equiv begin with the following steps in this order: (11.2), (11.5.1), (11.9), (3.80), (8.15).
5. Prove (11.4.2).
6. Prove (11.7).
First write $\{x \mid R\}$ in nonabbreviated form, then rename the dummy variable x to y using (8.21) before applying (11.3).