

Problem Set #4

Due: 10/13 in class

*You may use Taut Con for the Law of the Excluded Middle in this problem set (but **not** for anything else).*

Conditional/Biconditional Proofs

- 1) Exercises 8.26, 8.27 on p. 212
- 2) Exercises 8.30, 8.31, 8.37 on p. 213

Quantifiers

- 1) Exercise 9.3 on p. 234
- 2) Exercise 9.6 on p. 239
- 3) Exercise 9.8, 9.9 on p. 241
- 4) Exercises 9.18, 9.19 on pp. 250. (For 9.18, do only the first two bulleted items. That is, skip the part that begins "Make various changes...".)