

PHIL 155 : Introduction to Mathematical Logic

Assignment Three

1. Formal Proofs involving negation: do exercises 6.9 and 6.12 (p. 162)
2. Translating Conditionals: do exercises 7.12 and 7.13 (p. 184–5)
3. Truth Tables involving the conditional: do exercises 7.3 and 7.6 (p. 183)
4. Formal Proofs involving the conditional: do exercises 8.19, 8.21, and 8.27 (p. 212)

You may use the Taut Con rule in your proofs *where the book explicitly allows it.*

