Homework 2

TODO: Your Name Here

Section 1.1

2.   a. TODO: Your Answer Here
     d. TODO: Your Answer Here
     e. TODO: Your Answer Here

4.   a. TODO: Your Answer Here
     b. TODO: Your Answer Here

12.   g. TODO: Your Answer Here
     h. TODO: Your Answer Here

18.   a. TODO: Your Answer Here
     c. TODO: Your Answer Here

22.   a. TODO: Your Answer Here
     b. TODO: Your Answer Here

26.   a. TODO: Your Answer Here
     b. TODO: Your Answer Here
     e. TODO: Your Answer Here

30.   a. TODO: Your Answer Here

34.   f. TODO: Your Answer Here

46.   b. TODO: Your Answer Here
     d. TODO: Your Answer Here

48.   b. TODO: Your Answer Here

       c. TODO: Your Answer Here

Section 1.2

8a. TODO: Your Answer Here

Section 1.3

4.   a. TODO: Your Answer Here

8.   a. TODO: Your Answer Here

     b. TODO: Your Answer Here

16.   b. TODO: Your Answer Here

From Document

1. Prove that $\neg((p \vee q) \rightarrow \neg q)$ is equivalent to q using the tables of equivalences from the book and slides. Clearly label which rule you use at each step.

TODO: Your Answer Here