Instructions Follow instructions carefully, failure to do so may result in points being deducted. Clearly label each problem and submit the answers in order. Staple this cover page to the front of your assignment for easier grading. Late submissions will not be accepted. Be sure to show sufficient work to justify your answer(s). If you are asked to prove something, you must give as formal, rigorous, and complete proof as possible. You are to work individually, and all work should be your own. The CSE academic dishonesty policy is in effect (see http://www.cse.unl.edu/undergrads/academic_integrity.php).

Problem A Suppose that \( \neg p \rightarrow \neg q \) is known to be false. Give the truth values for

(a) \( p \land q \)
(b) \( p \lor q \)
(c) \( q \rightarrow p \)