



3. Two parts.

(a) [**3 points**] Write a truth table for the following wff:

$$(A \rightarrow B) \wedge (B' \vee C) \wedge (C \rightarrow A) \wedge (B \leftrightarrow C)'$$

(b) [**1 point**] Is the wff a tautology, a contradiction, or neither? Briefly explain why.