Assignment 9

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Consider the following sentence and draw a truth table for each of the TFL formulas in Questions 1 - 5. Answer whether the implication holds for the formula given in the question.

1. Formula \( \varphi \).
   - Draw a truth table.
   - Is the formula true?

2. Formula \( \varphi \).
   - Draw a truth table.

3. Formula \( \varphi \).
   - Draw a truth table.

4. Formula \( \varphi \).
   - Draw a truth table.

5. Formula \( \varphi \).
   - Draw a truth table.

6. Formula \( \varphi \).
   - Is the formula true?

7. Formula \( \varphi \).
   - Is the formula true?

8. Formula \( \varphi \).
   - Is the formula true?

9. Formula \( \varphi \).
   - Is the formula true?

10. Formula \( \varphi \).
    - Is the formula true?

11. Formula \( \varphi \).
    - Is the formula true?

12. Formula \( \varphi \).
    - Is the formula true?

13. Formula \( \varphi \).
    - Is the formula true?