

Assignment #01

Solve the following by truth table.

Q#1 Show that $(p \wedge q) \wedge r \equiv p \wedge (q \wedge r)$

Q#2 Are the statements $(p \wedge q) \vee r$ and $p \wedge (q \vee r)$ logically equivalent.

Q#3 Show that $\sim(p \wedge q)$ and $\sim p \wedge \sim q$ are not logically equivalent.

Due date: 13-11-2024