BOOLEAN ALGEBRA

BASIC LOGIC IN BOOLEAN ALGEBRA

1. Commutative property

2. Associative property

3. Distributive Law

4. Identity rule

5. Null property

BOOLEAN ALGEBRA LAWS

AND LAWS

OR + LAWS

DE MORGAN’S THEOREM

NOTE THIS

QUESTIONS

1.

Solution

2.

That’s the end of that question

3.

SIMPLIFYING BOOLEAN EXPRESSIONS

A function in sum of products form can be implemented using NAND gates by replacing all AND and OR gates by NAND gates.

A function in product of sums form can be implemented using NOR gates by replacing all AND and OR gates by NOR gates.