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Introduction To Digital Electronics – Lesson 4: The Karnaugh Map

HOMEWORK

The following homework questions are meant to go with the online lesson found here:
<http://www.pyroelectro.com/edu/digital/kmaps/>

HOMEWORK QUESTION 1

What are two methods for simplifying a Boolean algebra equation?

HOMEWORK QUESTION 2

Simplify this Boolean equation: $C = AB + A\bar{B}$

HOMEWORK QUESTION 3

Build A K-Map For This Boolean Equation: $C = AB + \bar{A}B$. Use the K-Map to simplify this Boolean Equation.

HOMEWORK QUESTION 4

How does simplifying Boolean equations benefit us when we want to build a circuit up?

ADDITIONAL INFORMATION

To get feedback on your homework or to ask additional questions related to this lesson, please post your homework answers or your questions in the online forums at:
<http://www.pyroelectro.com/forums/viewforum.php?f=21>