PyroElectro.com - PyroEDU

Introduction To Digital Electronics – Lesson 3: Logic Gates

HOMEWORK

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

HOMEWORK QUESTION 1

What are the 3 basic logic gates of digital electronics? What are their logic symbols?

HOMEWORK QUESTION 2

How are the 3 basic logic gates (answer from question 1) different from one another?

HOMEWORK QUESTION 3

Using X and Y as input variables and Z as an output variable, write the three Boolean algebra equations that represents the 3 basic logic gates.

HOMEWORK QUESTION 4

What information does a truth table tell us about a logic gate?

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