

Answer on Question#50355 - Physics – Electric Circuits

Consider a two-input NOR gate. Which of the following inputs to this NOR gate will give an output of Logic 1?

1. Logic 0, Logic 0
2. Logic 0, Logic 1
3. Logic 1, Logic 0
4. Logic 1, Logic 1

Solution:

By the definition the NOR operation is a logical operation on two logical values that produces a value of *true* (1) if and only if both operands are *false* (0). According to this definition the correct answer is 1.

Answer: 1.