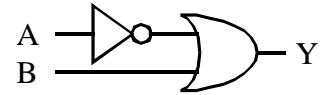


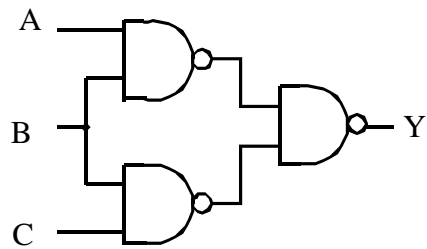
Analog and Digital Electronics
Spring 2018

Homework Assignment 9: Due Monday, May 7

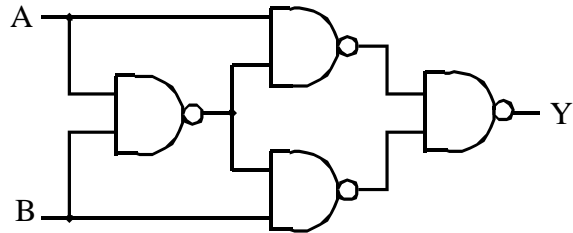
1. Construct the truth table for the gates at the right.



2. Construct the truth table for the gates below. Note that there are three inputs.



3. Construct the truth table for the gates below.



4. Find the binary representation for the decimal number 25
5. Find the binary representation for the decimal number 114.
6. Find the decimal representation for the binary number 1001 0100. (Note I often put a space between every 4 binary bits, sort of like putting a comma between every third decimal place, writing 1001 0100 to represent 10010100.)