Quiz 1: October 9, 2014

Left Neighbor: _____   Right Neighbor: _____

This is a closed book quiz

1. (4 points) Fill in the missing values in this table. Recall that Decimal numbers are just plain old every day base-10 numbers, and Binary numbers are base-2 numbers containing only 0's and 1's.

Decimal	8-bit Binary
	10011001
	11010000
47	
96	

2. (4 points) Fill in the missing values in this table. Recall that Hexadecimal Numbers are base-16 numbers that include A through F as digits.

2-digit Hexadecimal	8-bit Binary
	00100001
	01001111
C3	
1F	

3. (2 points) Given the 4-bit mask of 0111, mask the following 4-bit numbers (perform bitwise AND):

1111	0011	1010	1100