Number Systems Test 1

1. Convert the following numbers from binary to decimal.

   a. 101

4	2	1

   b. 1001

8	4	2	1

   Answer: _____   Answer: _____

2. Convert the following numbers from hex to decimal.

   Hex Digits: 0 1 2 3 4 5 6 7 8 9 A B C D E F

   a. A

   b. B3

16	1

   Answer: _____   Answer: _____

3. Convert the following binary numbers to hex.

   a. 1010 0011

   b. 1000 1111 0001

   Answer: _____   Answer: _____

4. Convert the following decimal numbers to binary.

   a. 23

16	8	4	2	1

   b. 69

64	32	16	8	4	2	1

   Answer: _____   Answer: _____

5. Convert the following hexadecimal numbers to binary.

   a. C

   b. 2A

   2   A

8	4	2	1		8	4	2	1

   Answer: _____   Answer: _____