

Number Systems Test 1

1. Convert the following numbers from binary to decimal.

a. 101

4	2	1

Answer: _____

b. 1001

8	4	2	1

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

Answer: _____

b. B3

16	1

Answer: _____

3. Convert the following binary numbers to hex.

a. 10100011

Answer: _____

b. 100011110001

Answer: _____

4. Convert the following decimal numbers to binary.

a. 23

16	8	4	2	1

Answer: _____

b. 69

64	32	16	8	4	2	1

Answer: _____

5. Convert the following hexadecimal numbers to binary.

a. C

Answer: _____

b. 2A

2

8	4	2	1

A

8	4	2	1

Answer: _____