

CSC 209 Review 9 Solution

September 13, 2020

1. a) 8

Correct Solution

0

b) 0

c) 1

d) 6

Correct Solution

15

Notes

- a) is 0 because

$i \gg 1 + j \gg 1$ is $8 \gg 10 \gg 1$

Which is $0 \gg 1$

Which is 0.

- d) is 15 because

$i \& k$ is $78 \& 9$

which is 78

which is 15

2. Use XOR on target bit using value 1.

This is because the operator of two like values equals to 0, and unequal values equal to 1.

a	b	$a \oplus b$
0	0	0
0	1	1
1	0	1
1	1	0