Quiz #1

## Question 1

a) 0

b) 65535

c) 0x0000

d) 0xFFFF

## Question 2

a) -32768

b) 32767

c) 0x8000

d) 0x7FFF

## Question 3

a) 46610

b) -18926

## Question 4

a) 0x95

b) 0xFF95

c) 0xFFFFFF95

## Question 5

a) 1000 0000

b) -128

c) No, there is no overflow

d) Yes, there is overflow

## Question 6

Method: Add all integers together, convert to binary, then shift bits right two times

a) 1111 1110

b) -2