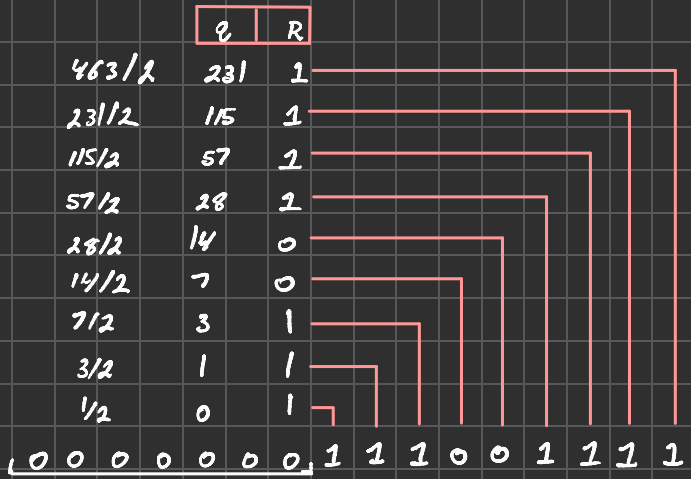

Calculate 2's compliment

B) -463 to hexidecimal:

1111 1110 0011 0001
↓ ↓ ↓ ↓
F E 3 1

0xFE31 hexidecimal

Q6) Convert Binary num [01011001] into hexidecimal and decimal ✓

a)

0101 = 5 hexidecimal = 0x59

1001 = 9

B) convert to decimal:

0 1 0 1 1 0 0 1

2^6 2^4 2^3 2^0

64 + 16 + 8 + 1 = 89 decimal num

Q7) Convert the Binary num [10101101] into hex and decimal