0000 - 0

0001 - 1

0010 - 2

0011 - 3

….

0111 - 7

1000 - -8 1000 > 0111 > 1000 > 8

1001 - -7 1001 > 0110 > 0111 > 7

1010 - -6

1011 - -5

….

1111 - -1 1111 > 0000 > 0001 > 1

1001 – -7

0011 – 3 + > 1100 > 0011 > 0100 > 4 > -4

f(x) = x \* x

y = 3

f(y) = f(2)

1000 mask

1011 num AND

1000

0100 mask

1011 num AND

0000

0100 mask

1011 num AND

0000

0100 mask

1011 num AND

0000

1000 (+ -1) (-8)

1111 + (-1)

0111 = 7