```
0 = (0, 0)
1 = (1, 1)
2 = (2, 2)
3 = (0, 3)
4 = (1, 0)
5 = (2, 1)
6 = (0, 2)
7 = (1, 3)
8 = (2, 0)
9 = (0, 1)
10 = (1, 2)
11 = (2, 3)
```

mod 3 mod y

2 + 4 = 6 --> (0,2)

$(2,2) + (1,0) = (3,2) \Rightarrow (3 \bmod 3,\ 2 \bmod 4)$

$(0,2)$

$(2,2) \times (2,2) = (4,4)$

$(4 \bmod 3,\ 4 \bmod 4) = (1,0)$