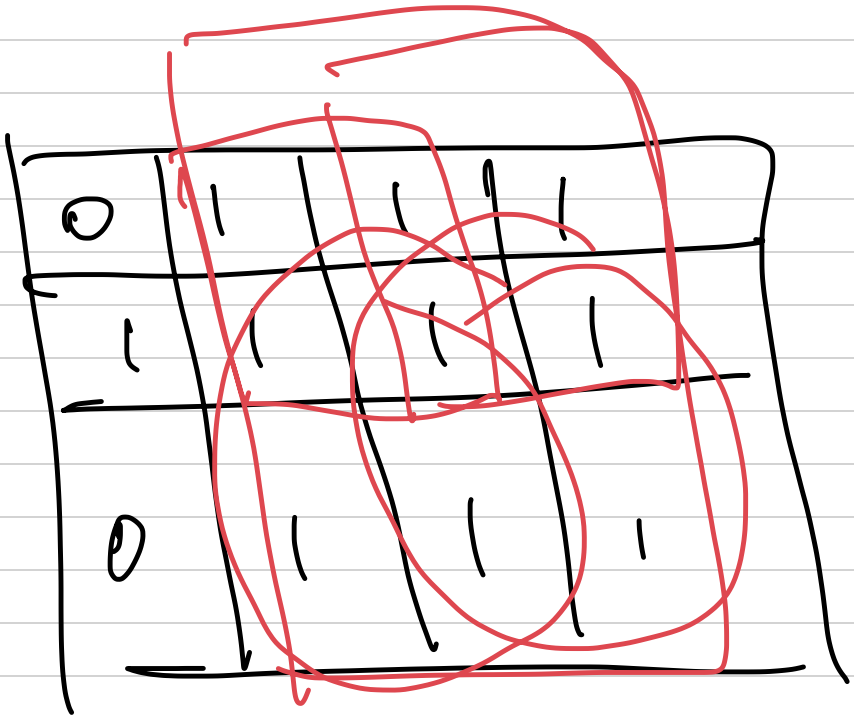
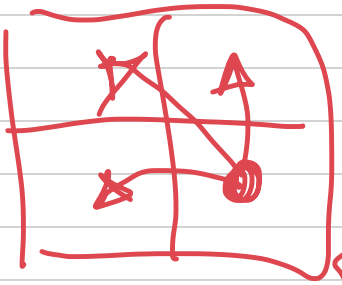
1277

eg



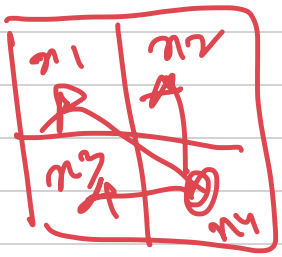
$3 + (\#\ 1's) \rightarrow 3 + 10 = 15$



any element in matrix

(x,y) depends on

[(x-1)(y-1), (x-1)(y), (x)(y-1)]



considering n4 != 0
if all n1, n2, n3 != 0

then it will form a square

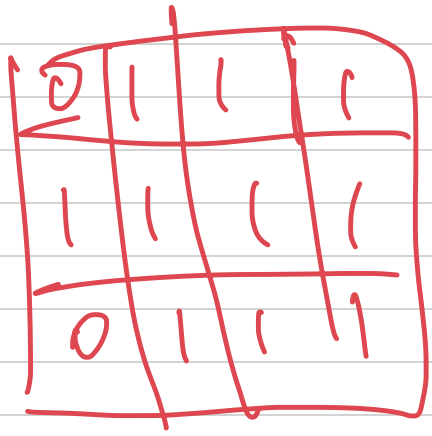
size of square = 1 + min(n1, n2, n3)

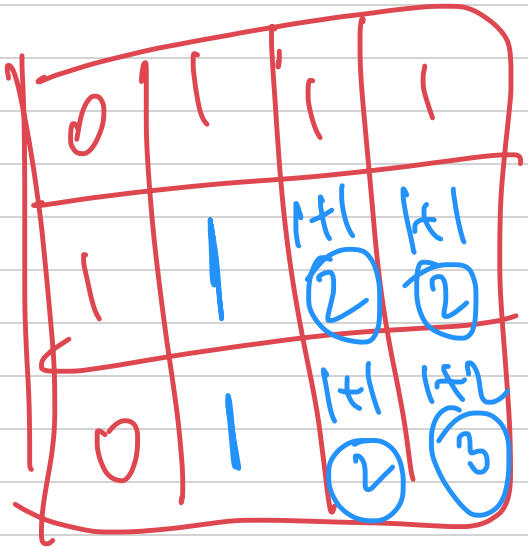
∴ Rec Formula(1)

dp(n)(y) += min(dp(n-1)(y), dp(n-1)(y-1), dp(n)(y-1))

For x in range(1, len(dp)):
    for y in range(1, len(dp(0))):
        if dp(n)(y) != 0
            → Rec formula(1)

y:





return sum(dp) for all squares

(15)