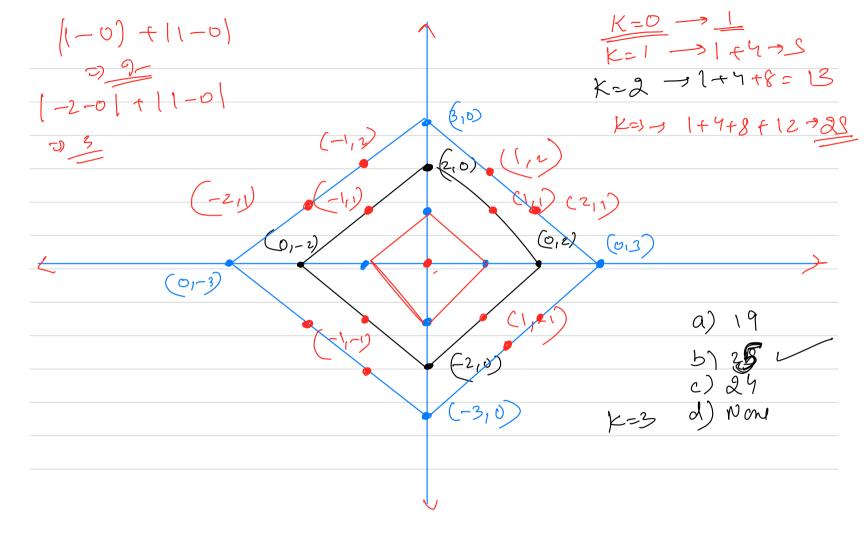


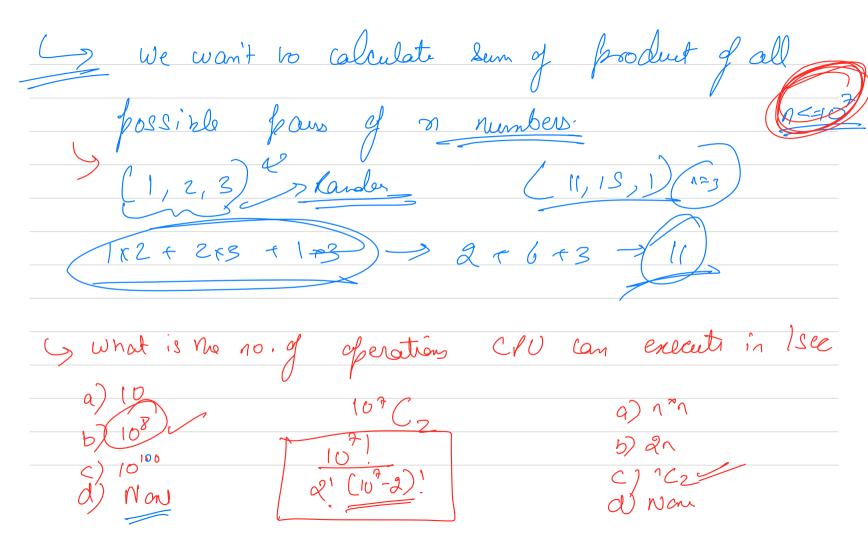
- Jos You are guen a 20 Cartesian fram, with center at 6,0). Fend the no. of integer foints such that they have the manhattan distance from the centre less than or equal to K (when kis an integer) Manhallan dist > | x2 - x1 | + | y2 - y1 |

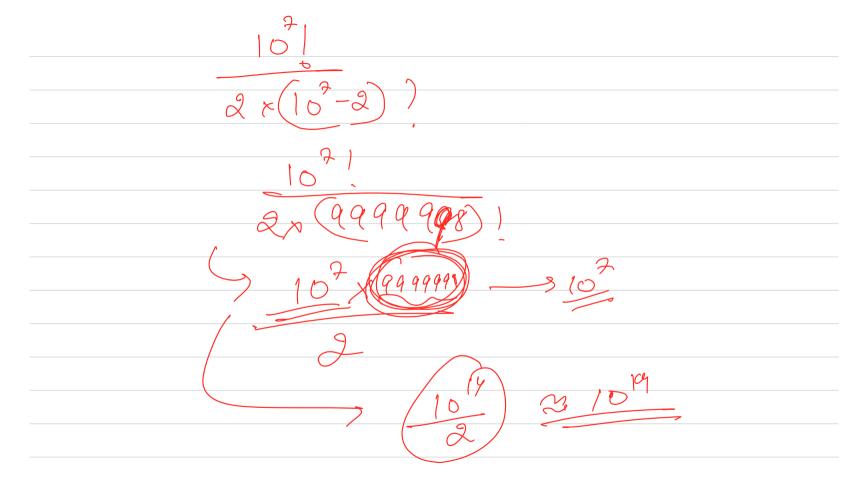
(K=1) - an = (S) $\begin{array}{c}
(011) \\
(1,0) \\
(017) \\
(-1,0)
\end{array}$ = = 1 $(0,0) \longrightarrow = = 0$ $(1,17) \longrightarrow (0,0) \longrightarrow = = 0$



|< ≥0 →]</p> 12=1 -> 1+4 12-2 -> 1+4+8 K-3 -> (+ 4 + 8 + 12 K=9 > 1+4+8+12+16 K= n -> 1+ 4+8+12-----1+ 4 (1+2+3----1 x x (n) (n a) 1+2(n)(n+i)

> You want to make your own UKL sharken Make auto complete searly > mue no seade skeed





1 Sec -> 108 operation

$$\frac{(a+b+c)^{2}}{(a+b+c+d)^{2}} \Rightarrow a^{2}+b^{2}+c^{2}+a(ab+bc+ca)$$

$$\frac{(a+b+c+d)^{2}}{(a+b)^{2}} \Rightarrow a^{2}+b^{2}+c^{2}+a(ab+bc+ca)$$

$$\frac{(a+b)^{2}}{(a+b)^{2}} \Rightarrow a^{2}+b^{2}+c^{2}+a(ab+bc+ca)$$

-> spend - 3-4 days in leasing basic if else, loops, Tweek 2-7 centre Start compely is control -Li side by side learn concepte (2)(3) Recursion

DNC - Dind , conques - Bunay Seanh

insen, Sele, quick, my Scroly elso shoulen, insen, sele, quick, myc s Base Pata shoulen > Stacks, array, 22 Queen, Trees, Mash Mash

> STL C++ Chynamic Programs, DEV Number neg Marres Advacce Dl Cremeto

