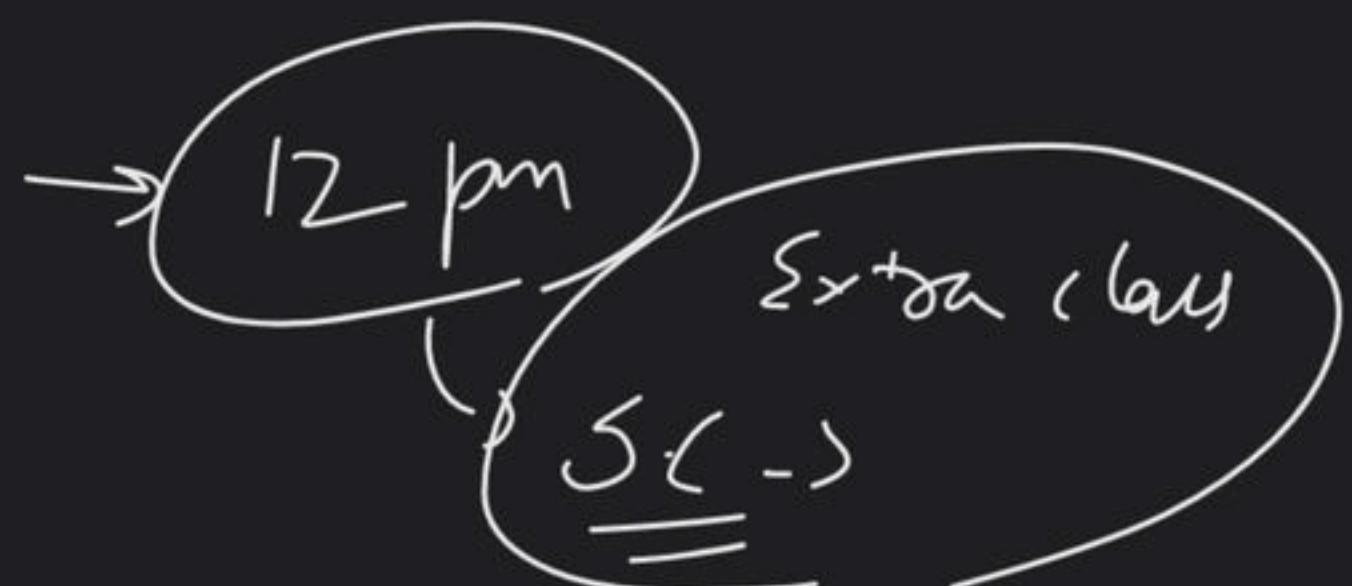


SUNDAY MORNING



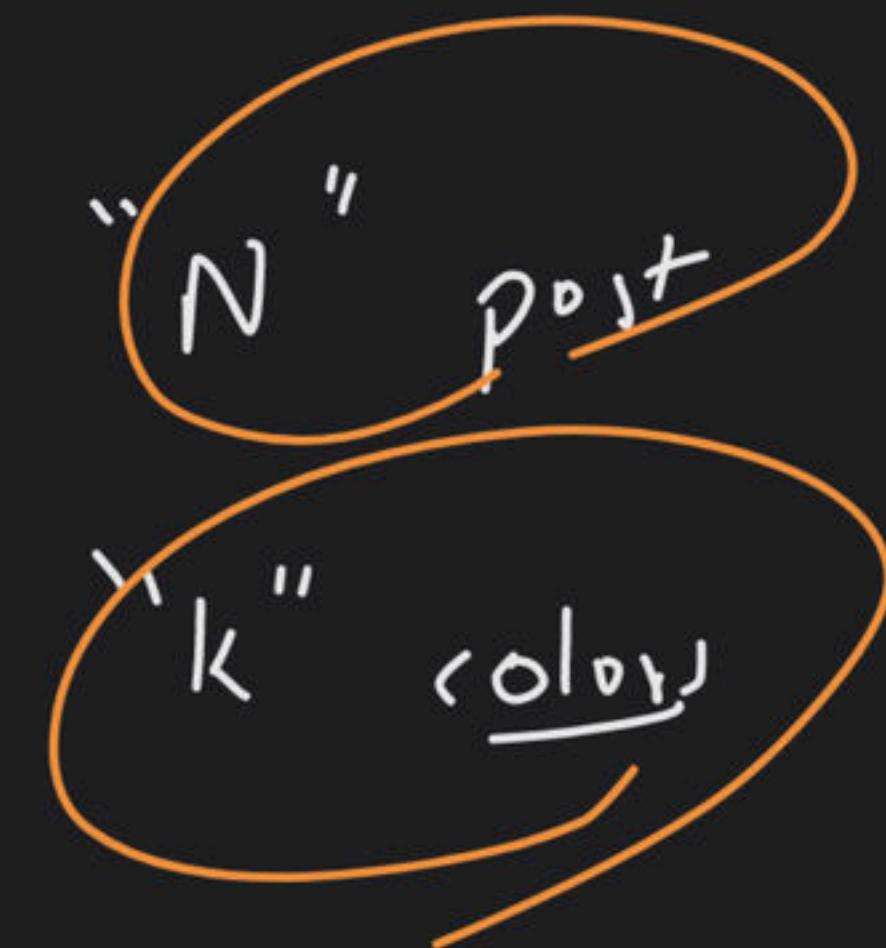
Solving **Medium** Questions - Level 2 & Doubt Clearing Session - LIVE

Special class

2 minute
wait

①

Painting fence



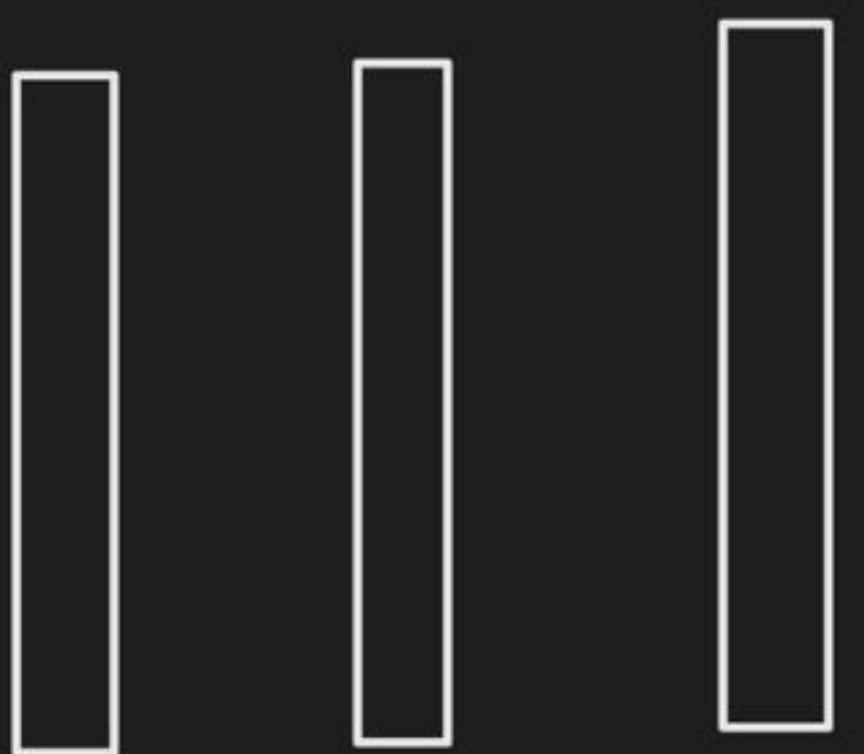
~~not more than
2 adjacent post have same color~~

find total no.
of ways

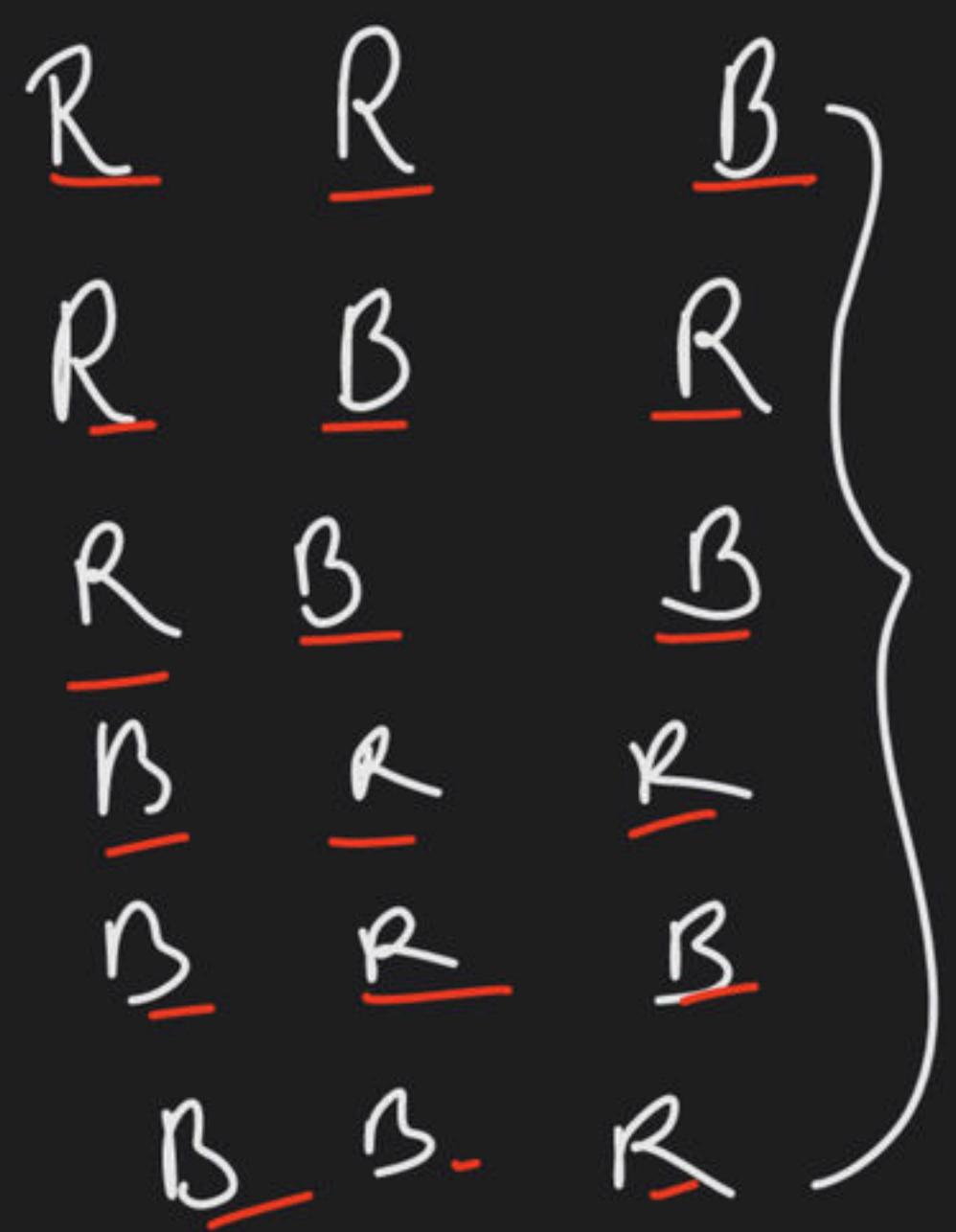
$$k \rightarrow \frac{10^k}{=}$$



$k=2$



$R \ B$



$\times \times \times \times$

$R R B R^-$

$(R R) (B B)$

$R B \leftarrow R^-$

$R B B R^-$

$R B R B^-$

$B R R B^-$

$B^- R B R^-$

$(B B) (R R)$

$(B B) R B^-$

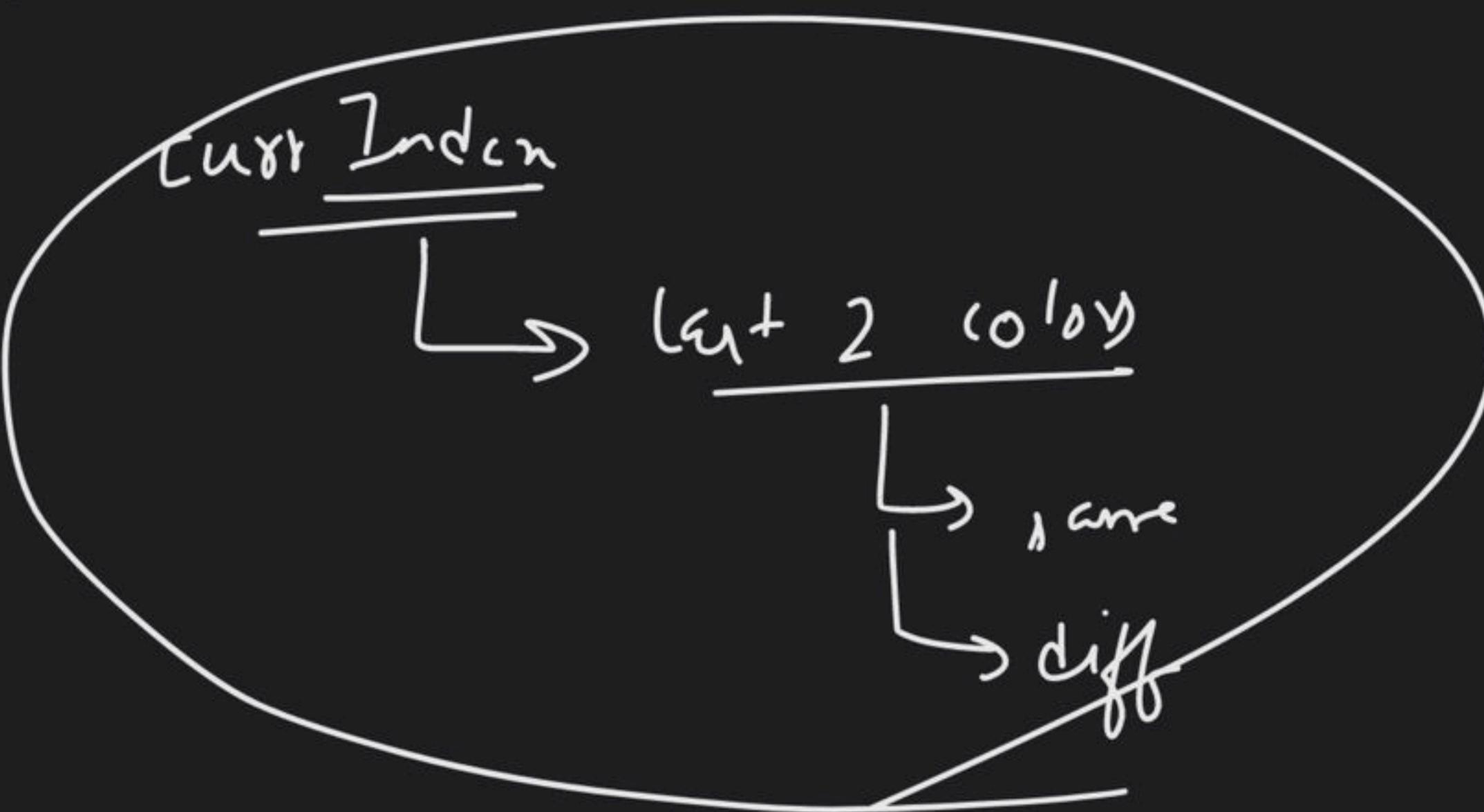
$B R B B^-$

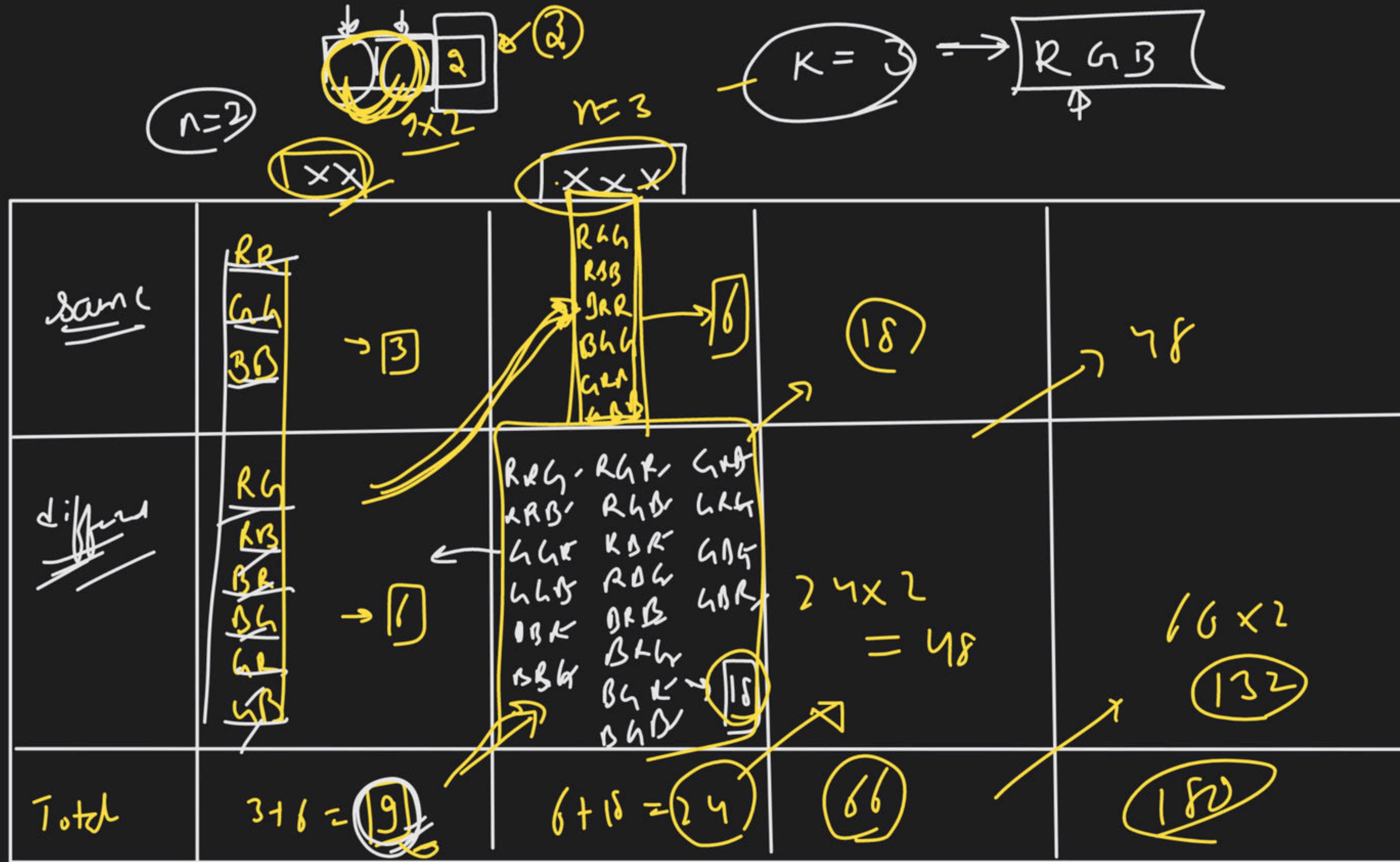
$K=2$

$R B$

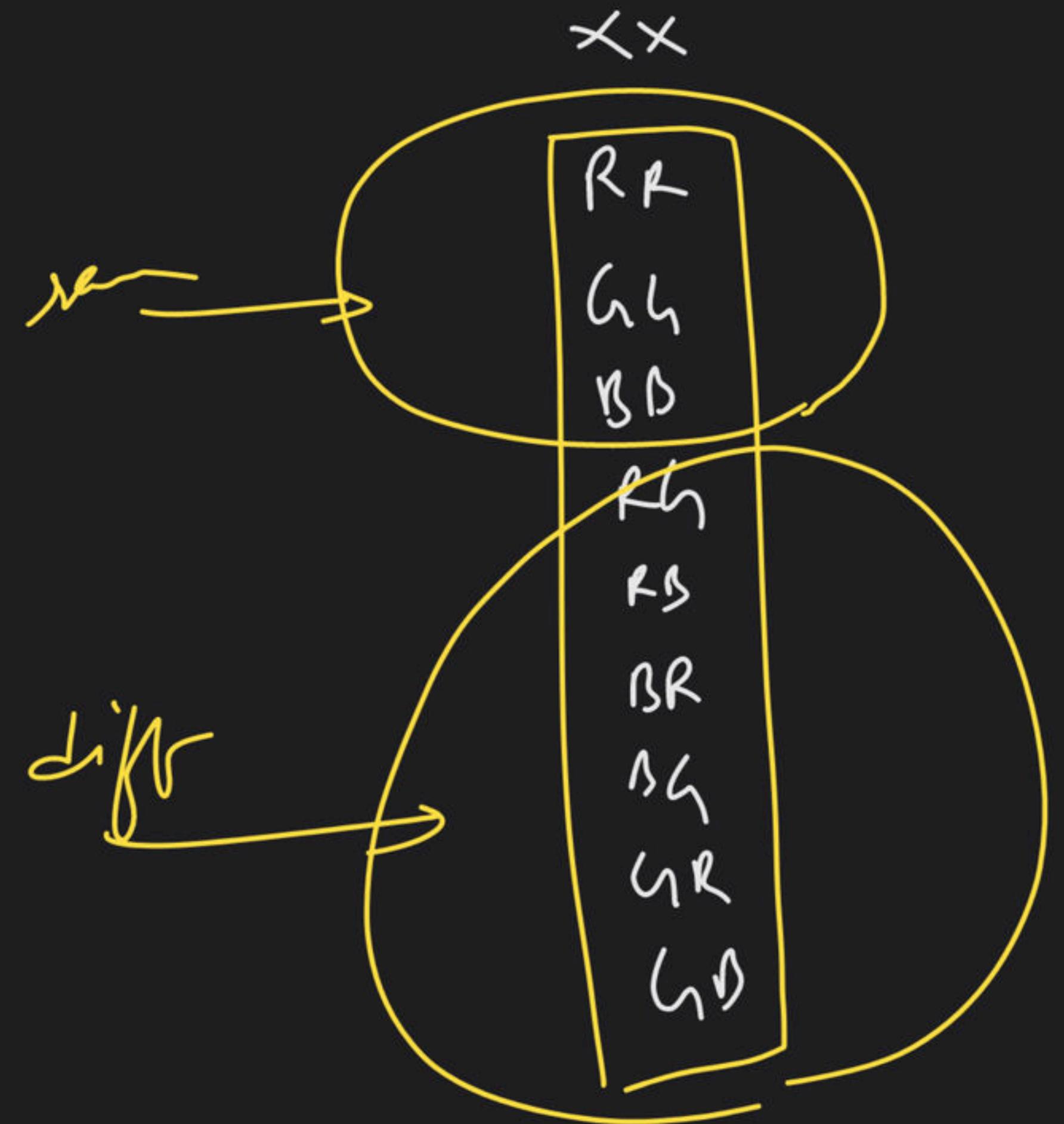
$\rightarrow (B B)$





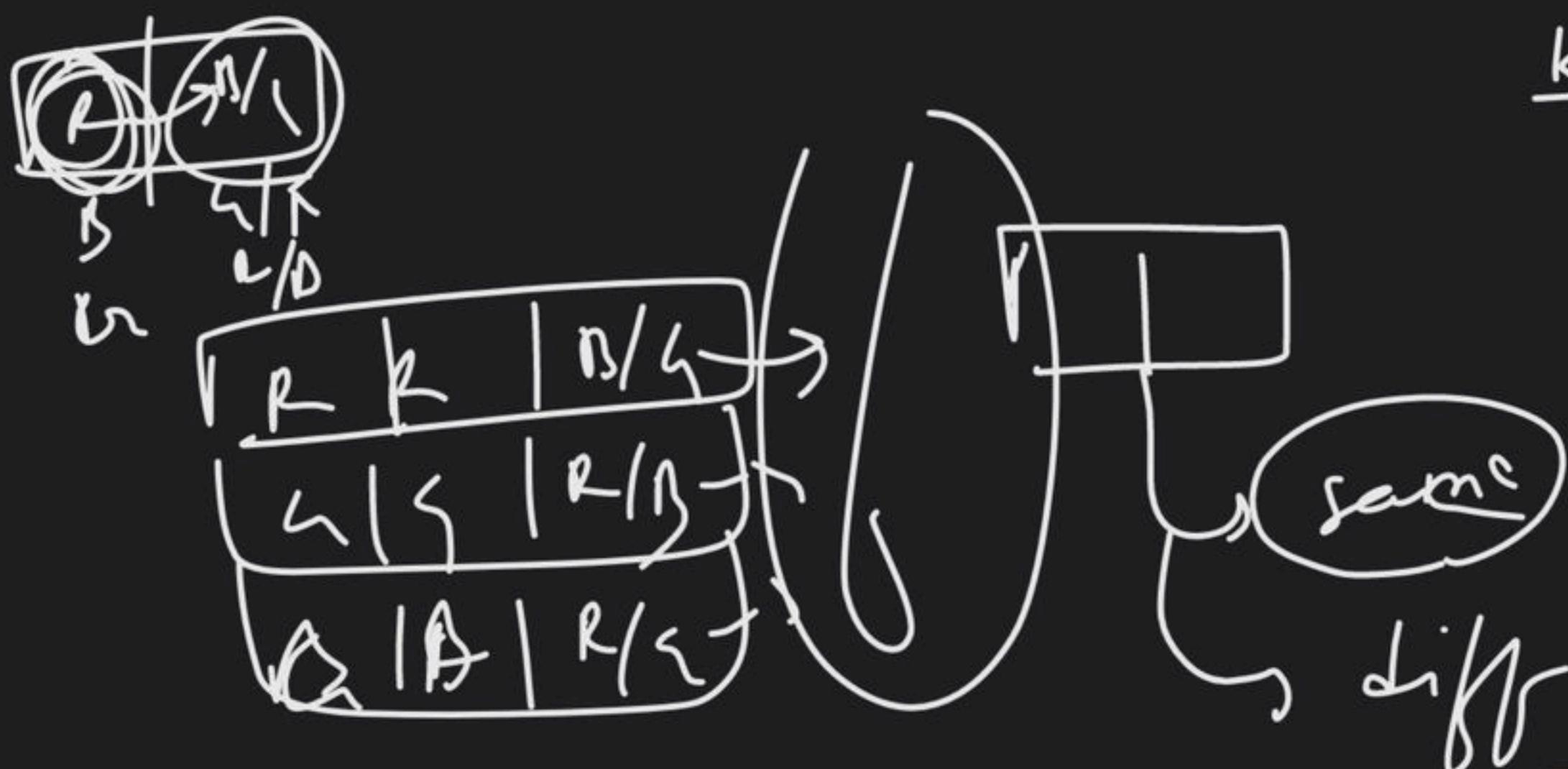


$$K = 3 \rightarrow RAB$$



$$\frac{k \leftarrow k \oplus (k-1)}{k \leftarrow (k^2) - k}$$

$f(n, k)$



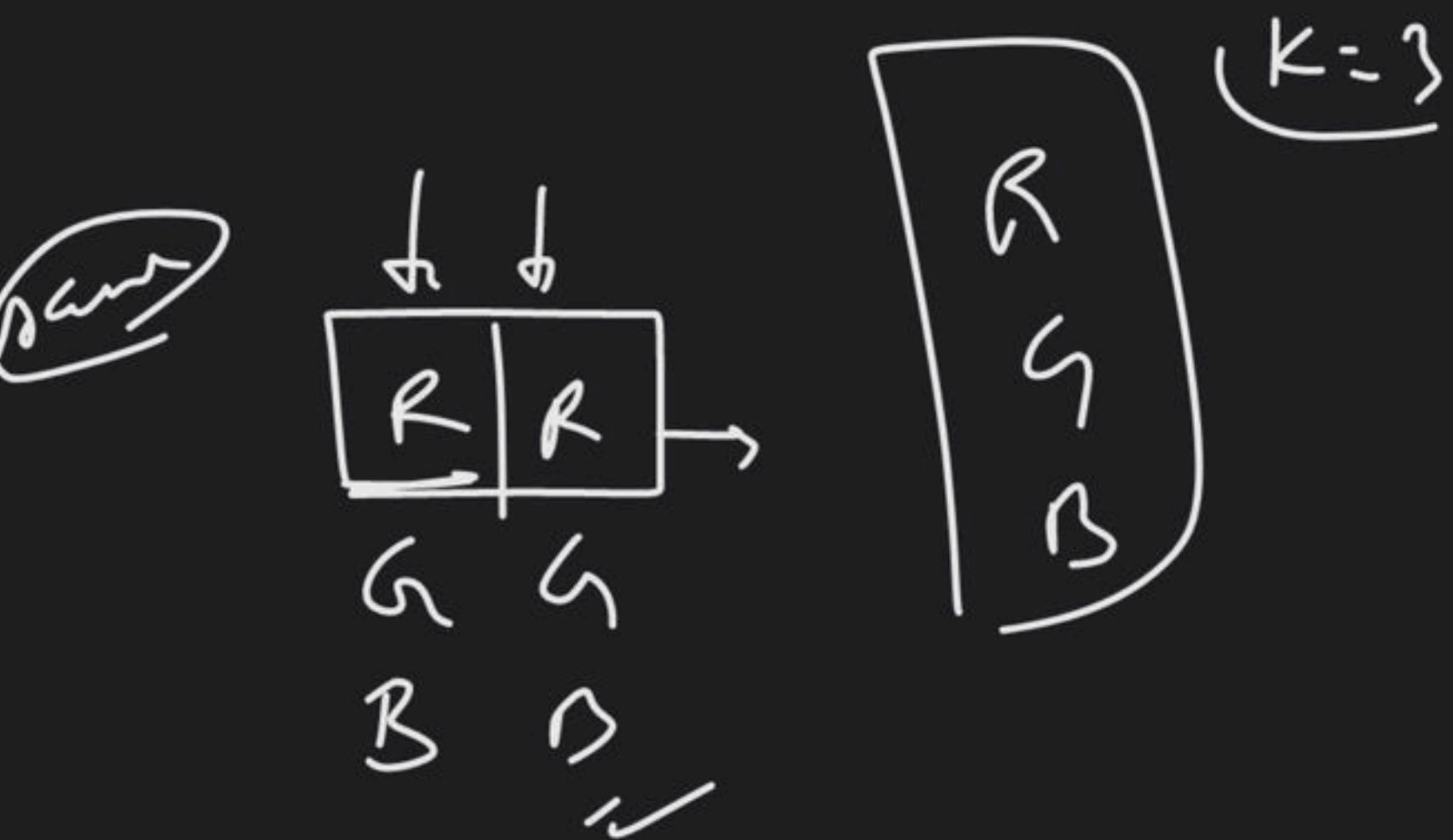
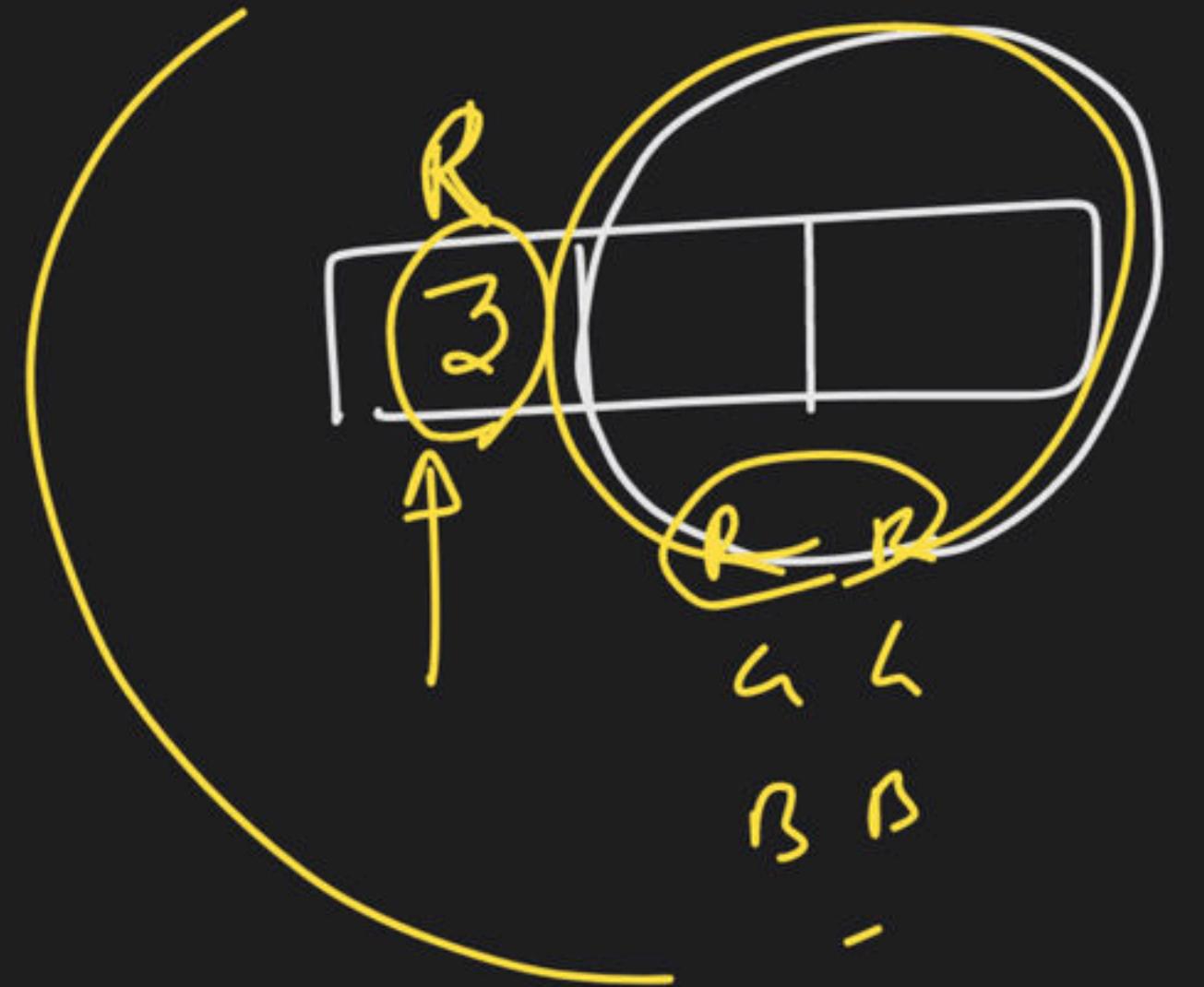
$f(\text{same}) \perp f(\text{diff})$



$\cancel{f(n-2) \otimes (k-1)}$

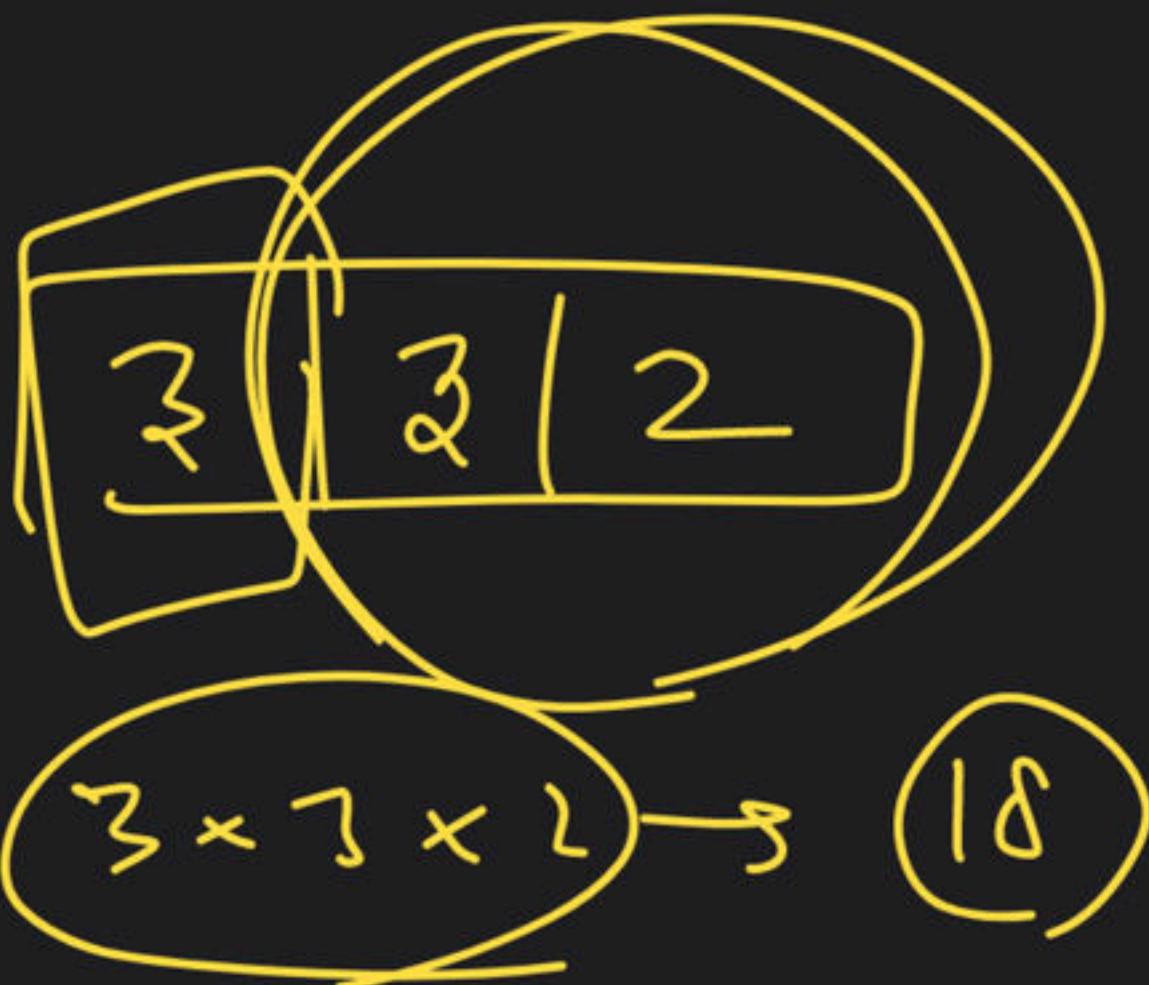
$+ f(n-1) \otimes (k-1)$

$R \ L$
 $\langle \rangle$
 $n \ n$



K=3
R D B
R G B
B R R
G H
L R
L B



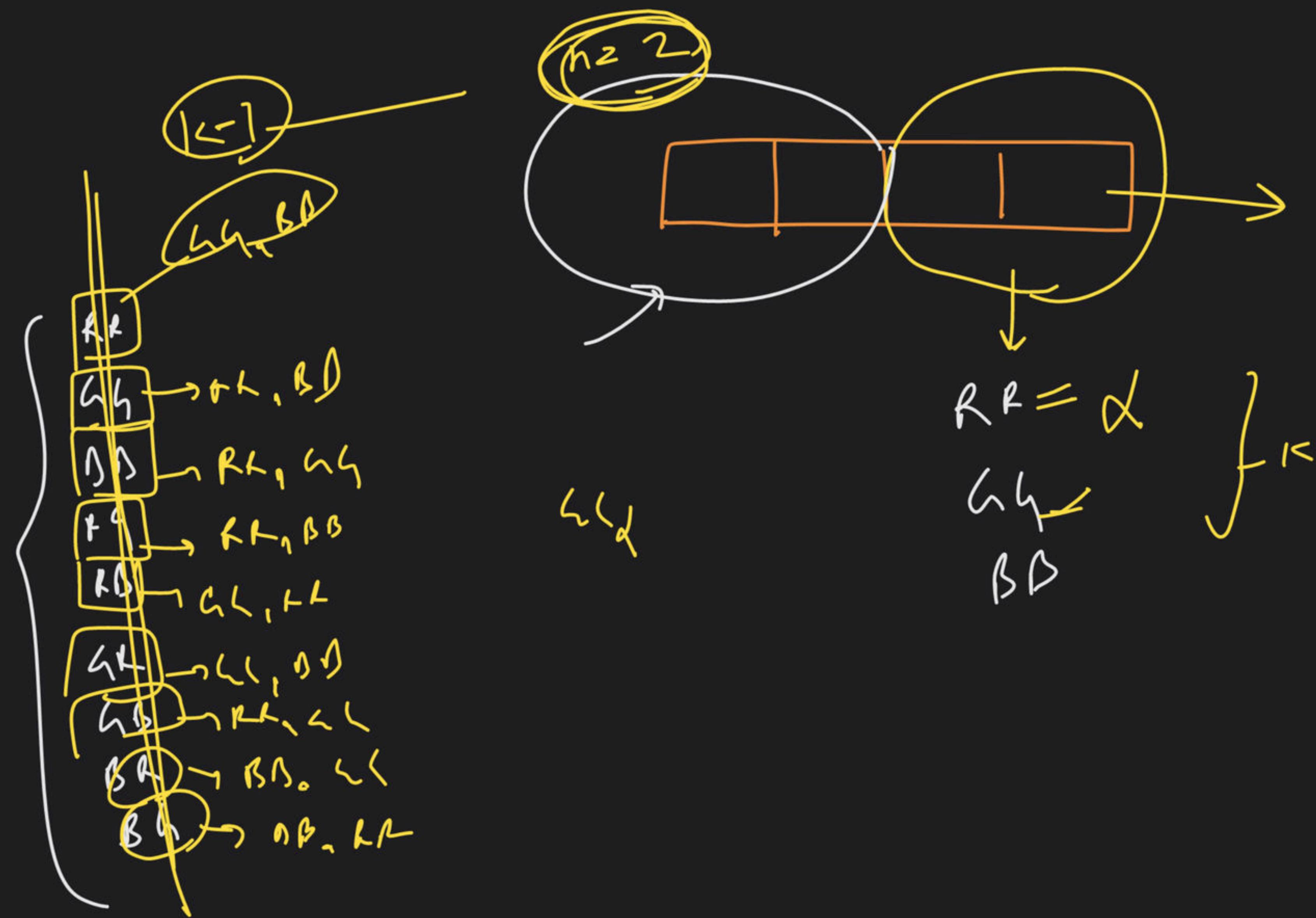


$$\text{Solu}(n, k) = \text{[Same]} + \text{[Diff]}$$

$$\text{Solu}(n, k) = \text{Solu}(n-2, k) * (k-1)$$

+

$$\text{Solu}(n-1, k) * (k-1)$$



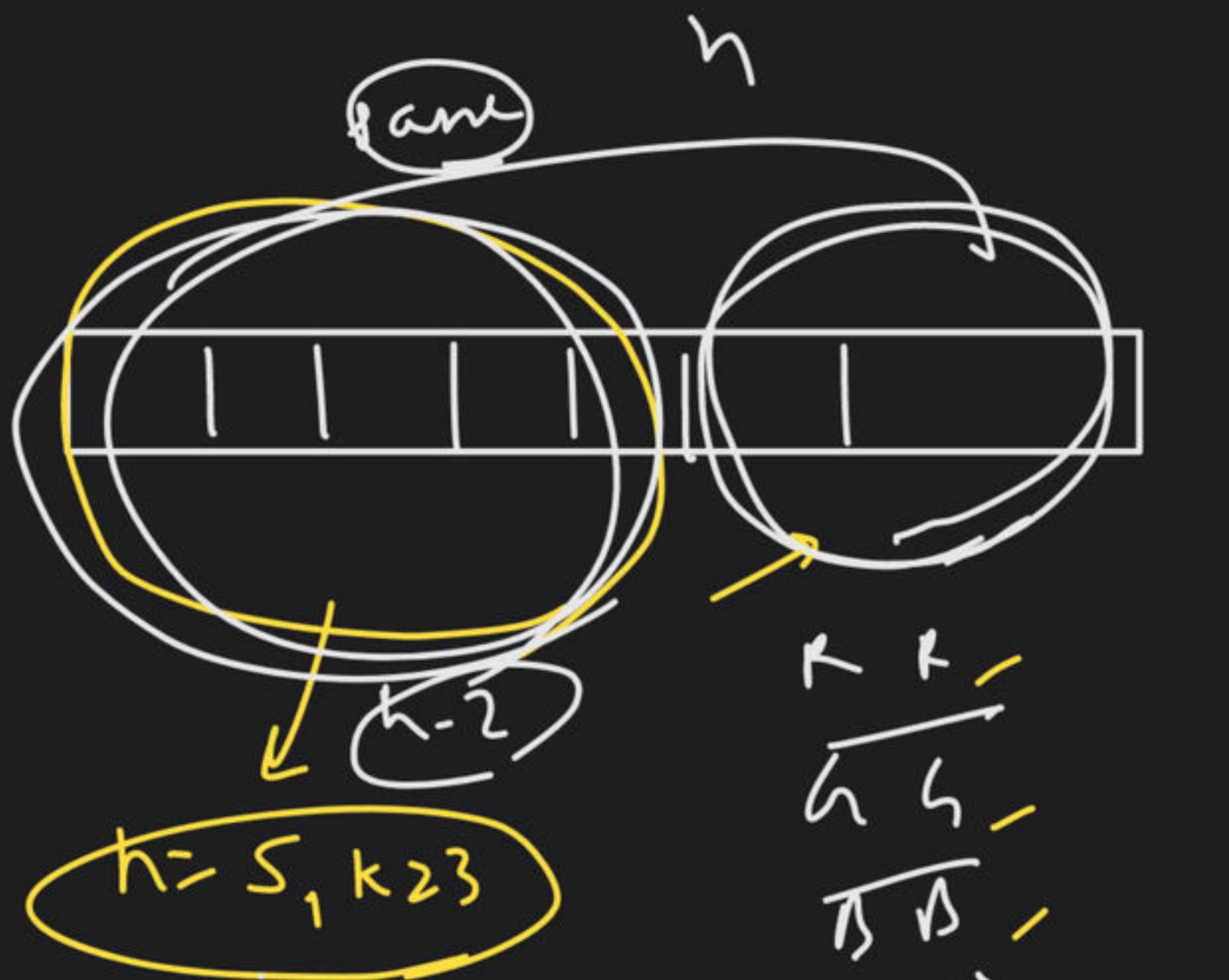
$$\frac{n-1}{k-2}$$

B.C

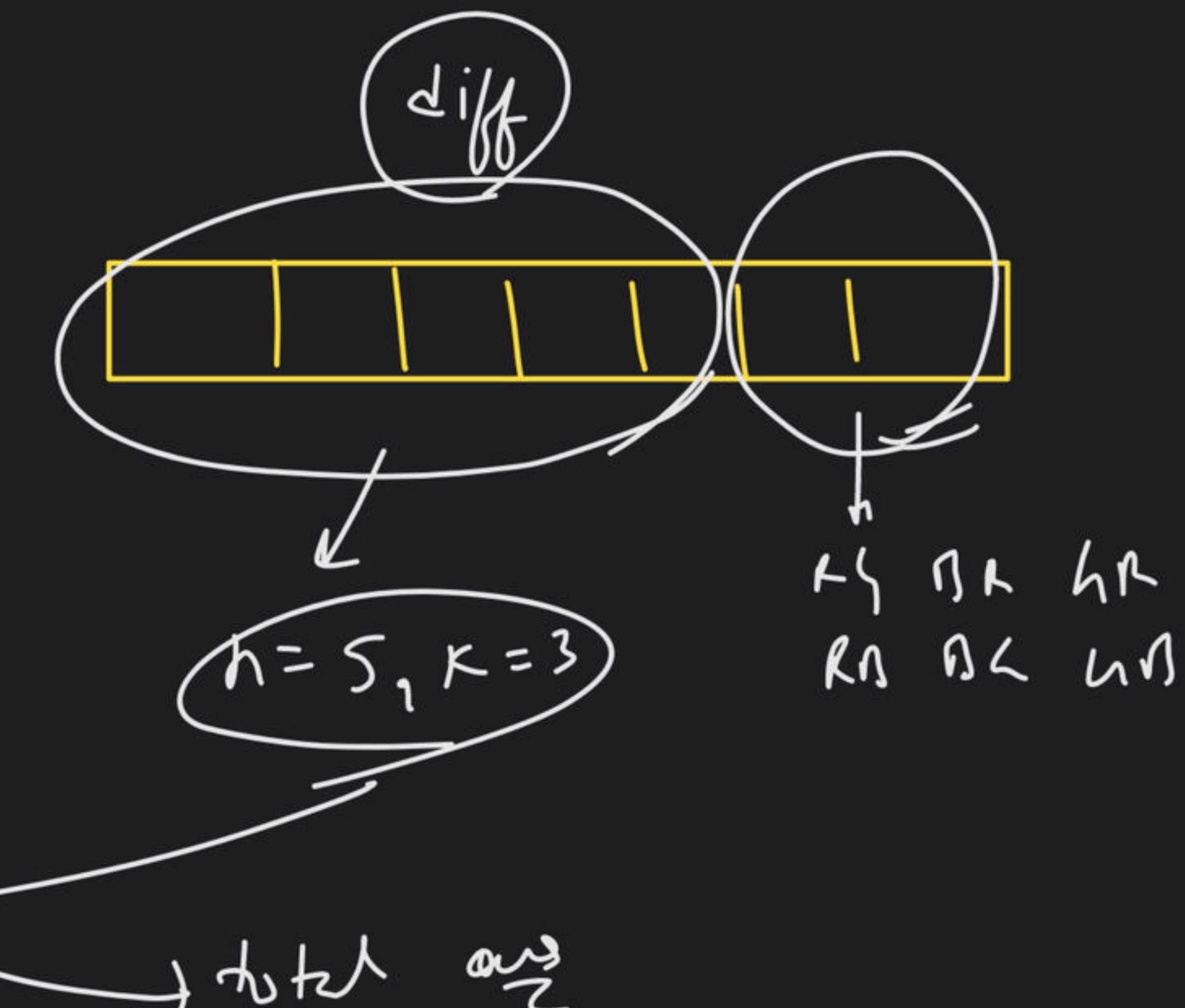
K 1



$h = 7$
 $k = 3$



+



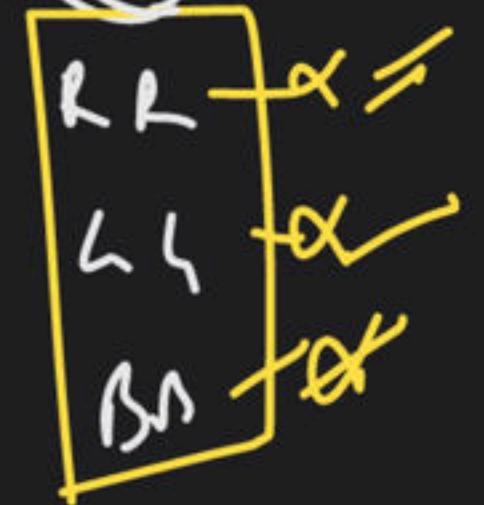
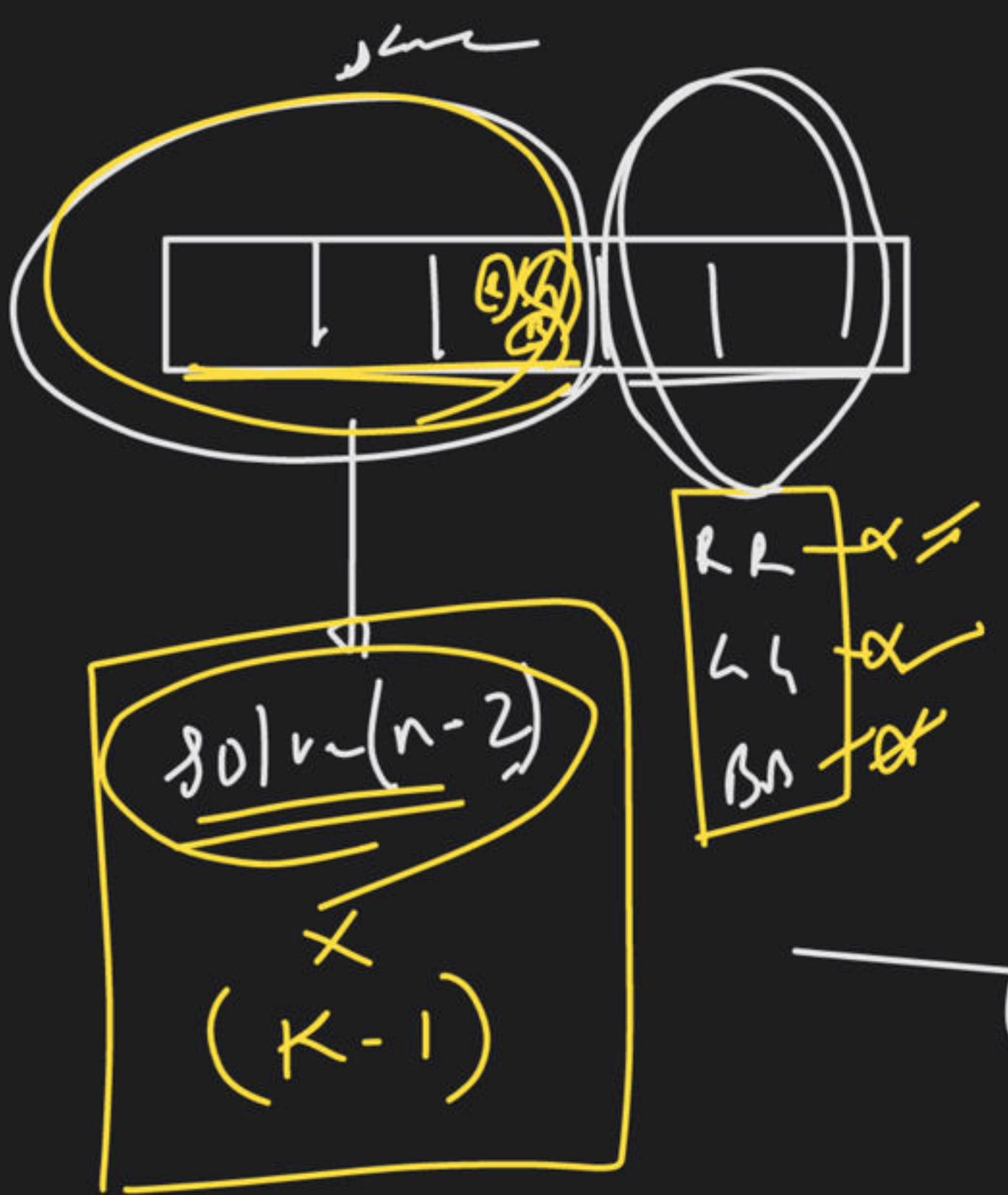
to to h ans



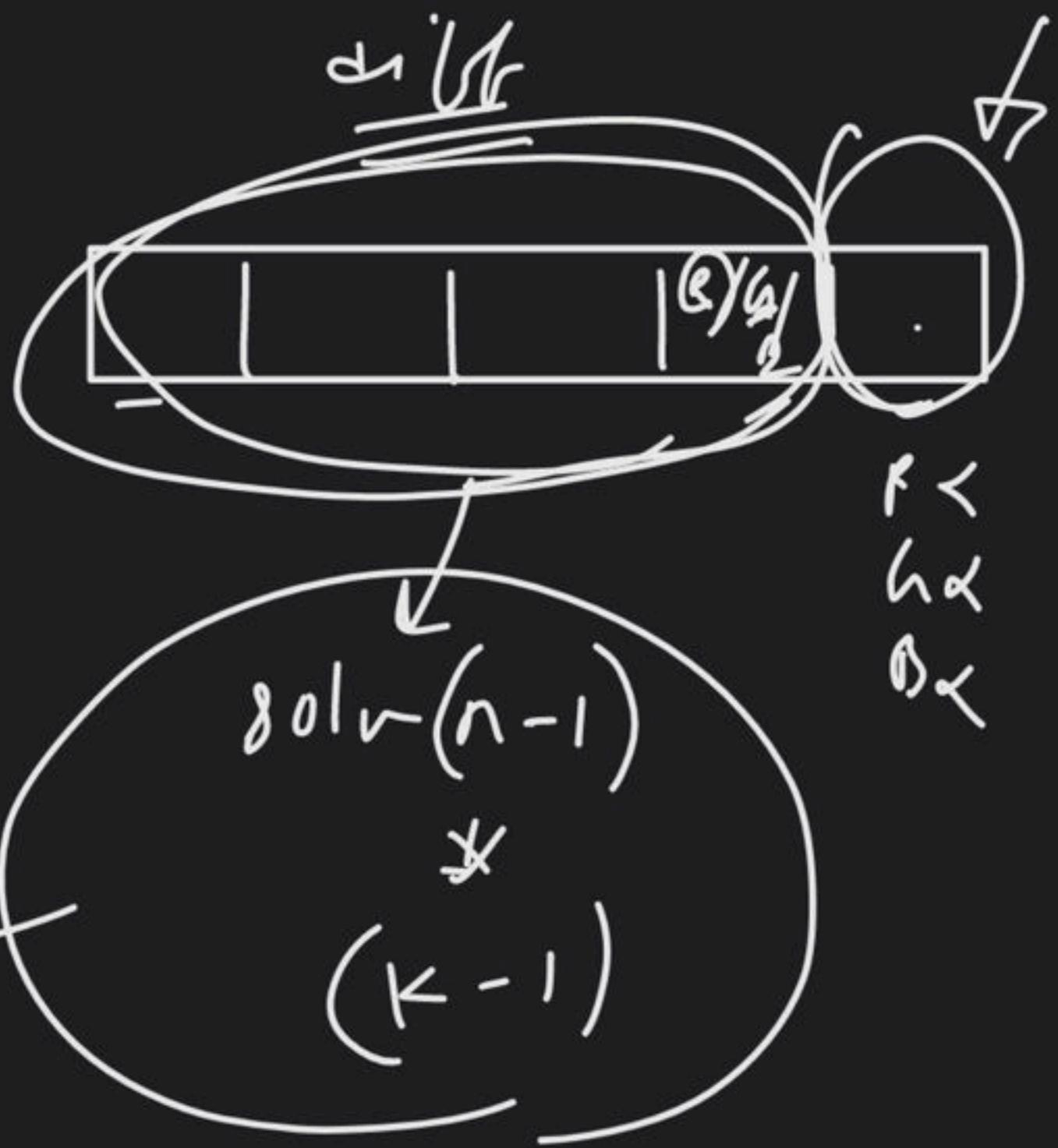


$$n = 5$$

$$k = 3$$



$(k-1)$



~~findest~~ finde aus

$K \rightarrow 4$

$n = 1$

$n = 2$

$n = 3$

$n = 4$

~~same~~

K

$K \star (K^{-1})$

$K^2 \star (K^{-1})$



$K \star (K^{-1})$

$K^2 \star (K^{-1})$

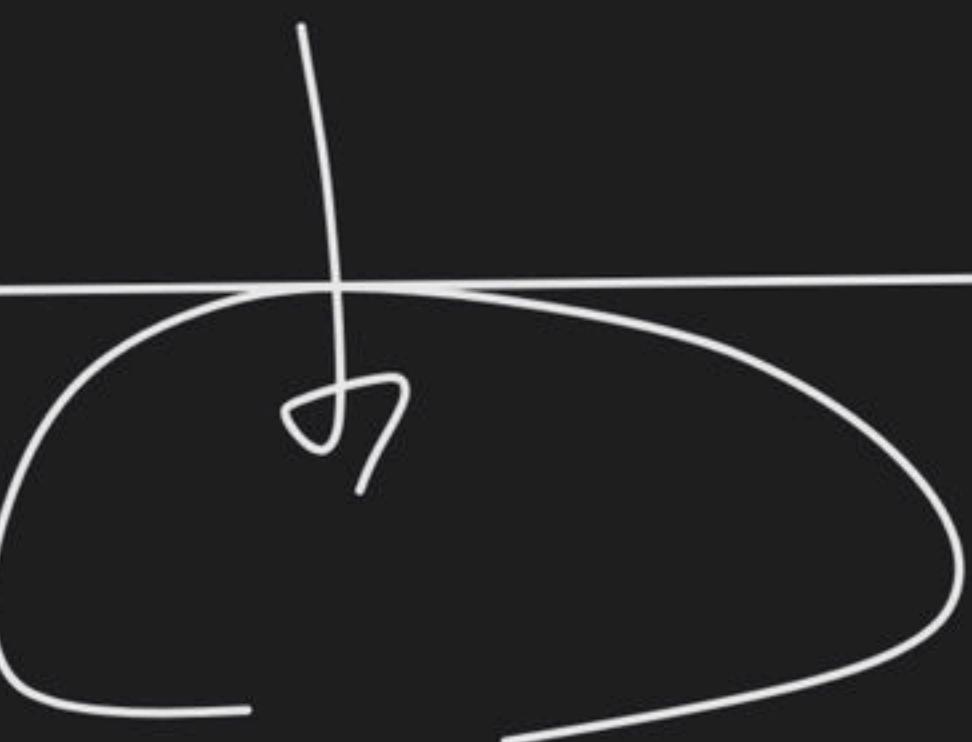


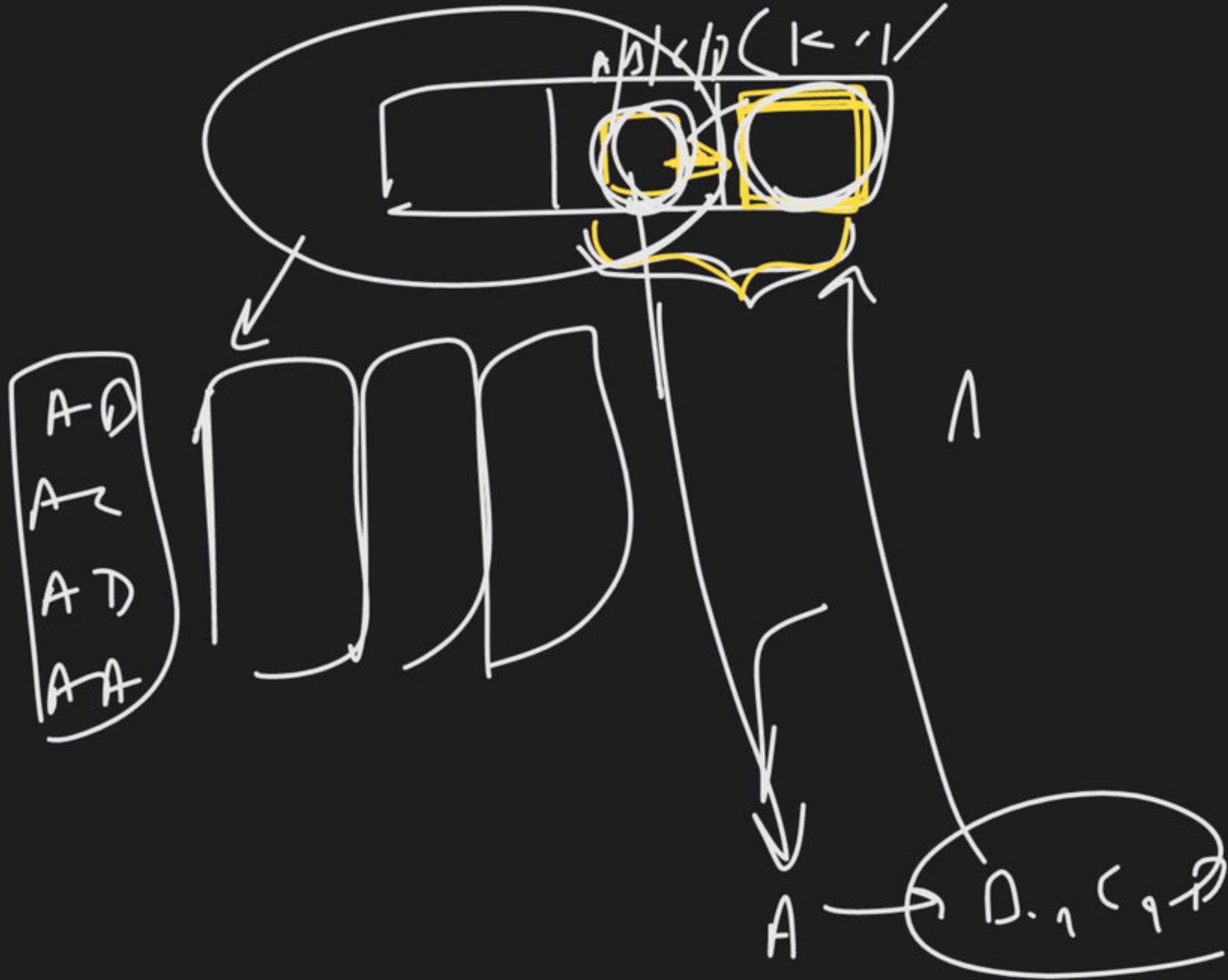
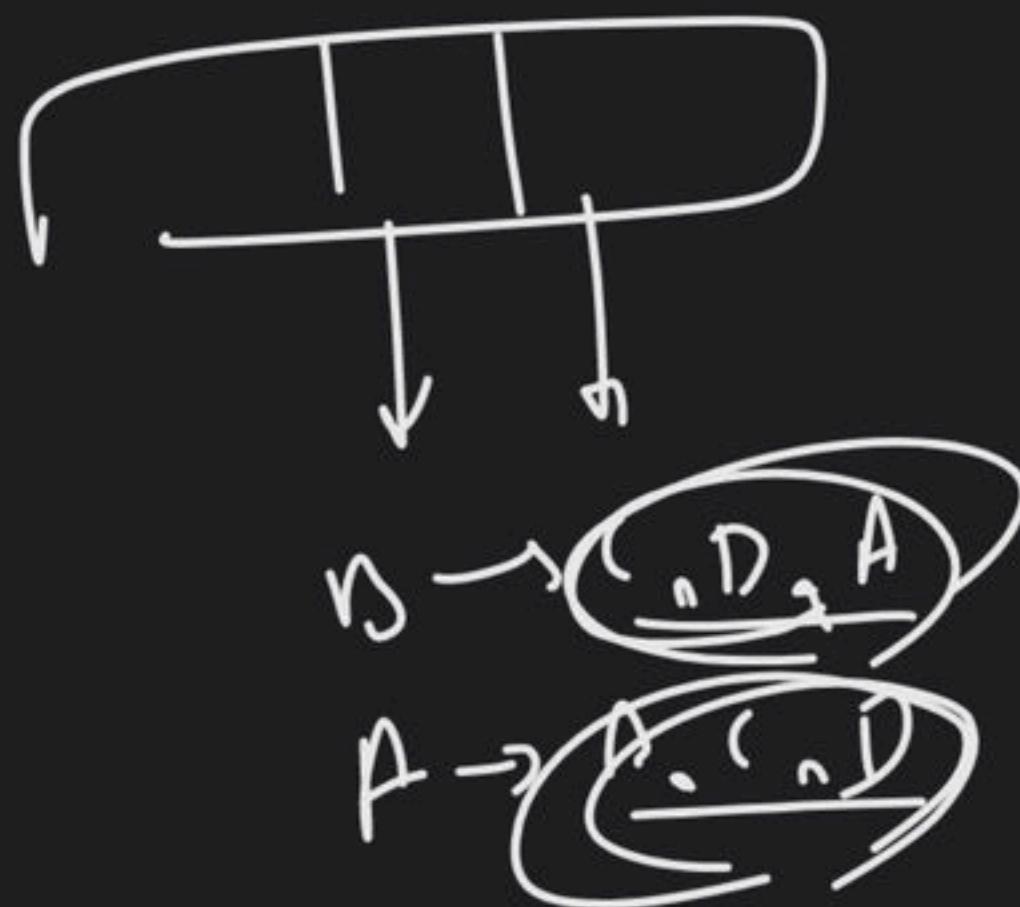
Γ_{tot}

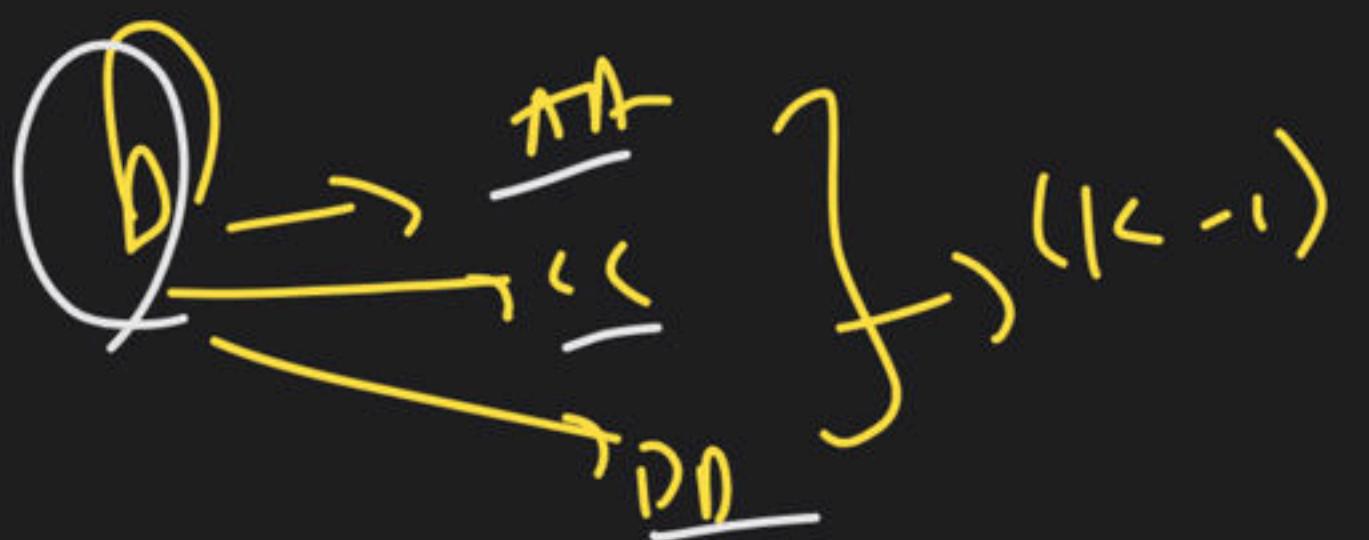
$\rightarrow K$

$$K + (K \star (K^{-1})) \\ = K^2$$

$K \star (K^{-1})$
 $K^2 \star (K^{-1})$

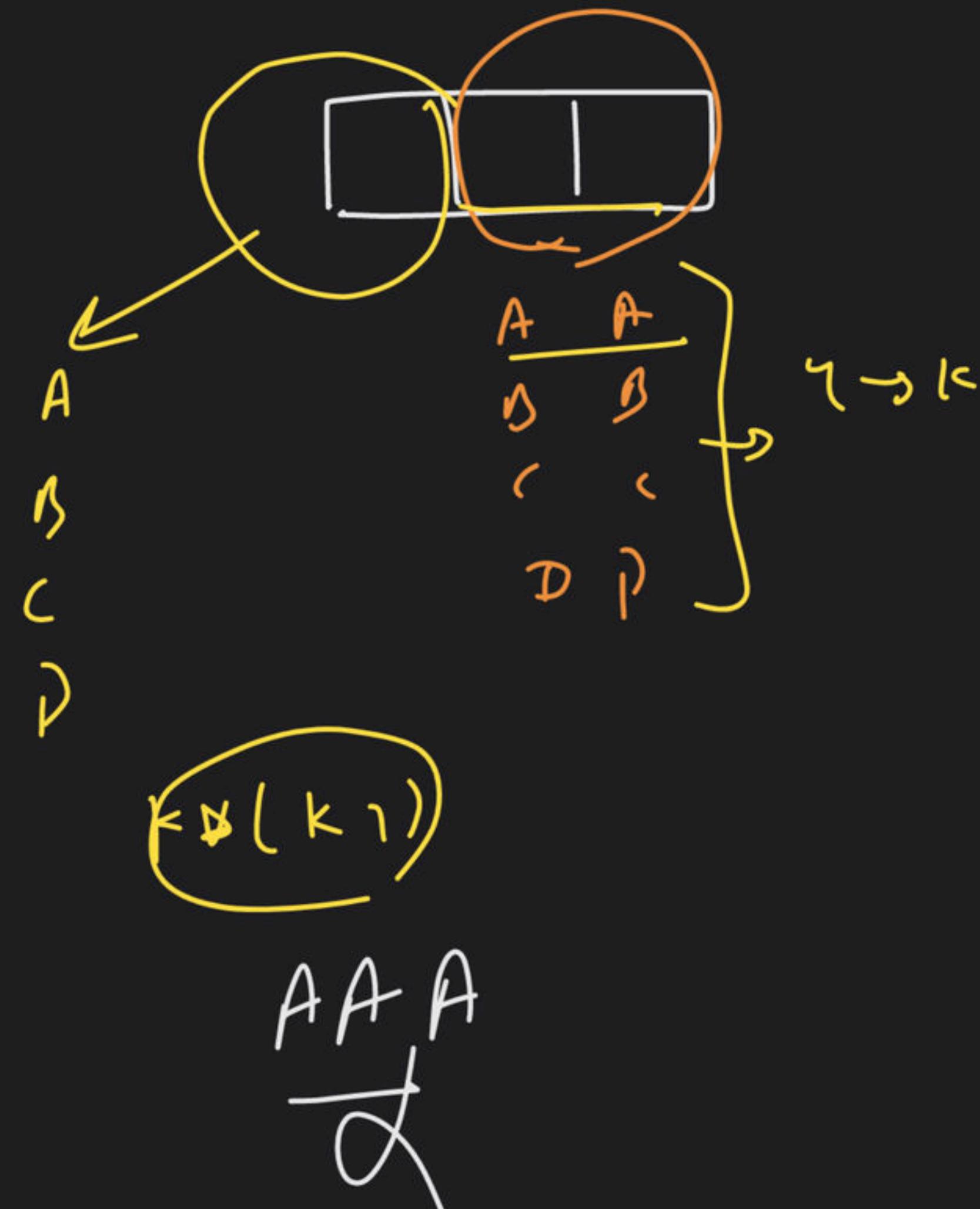


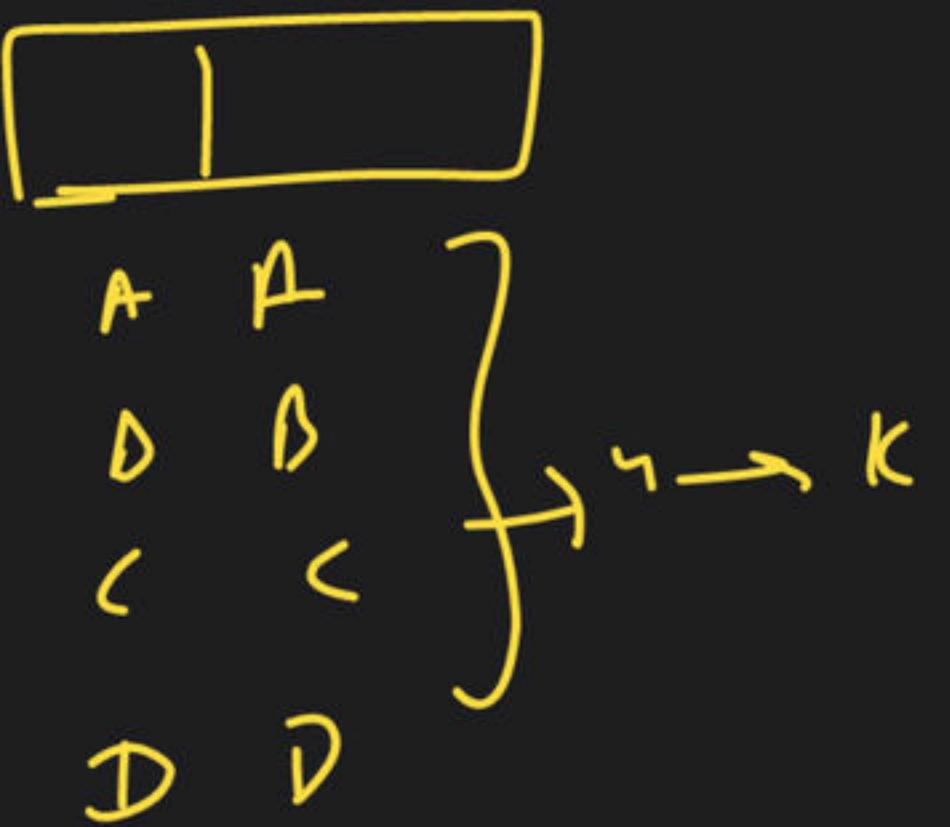
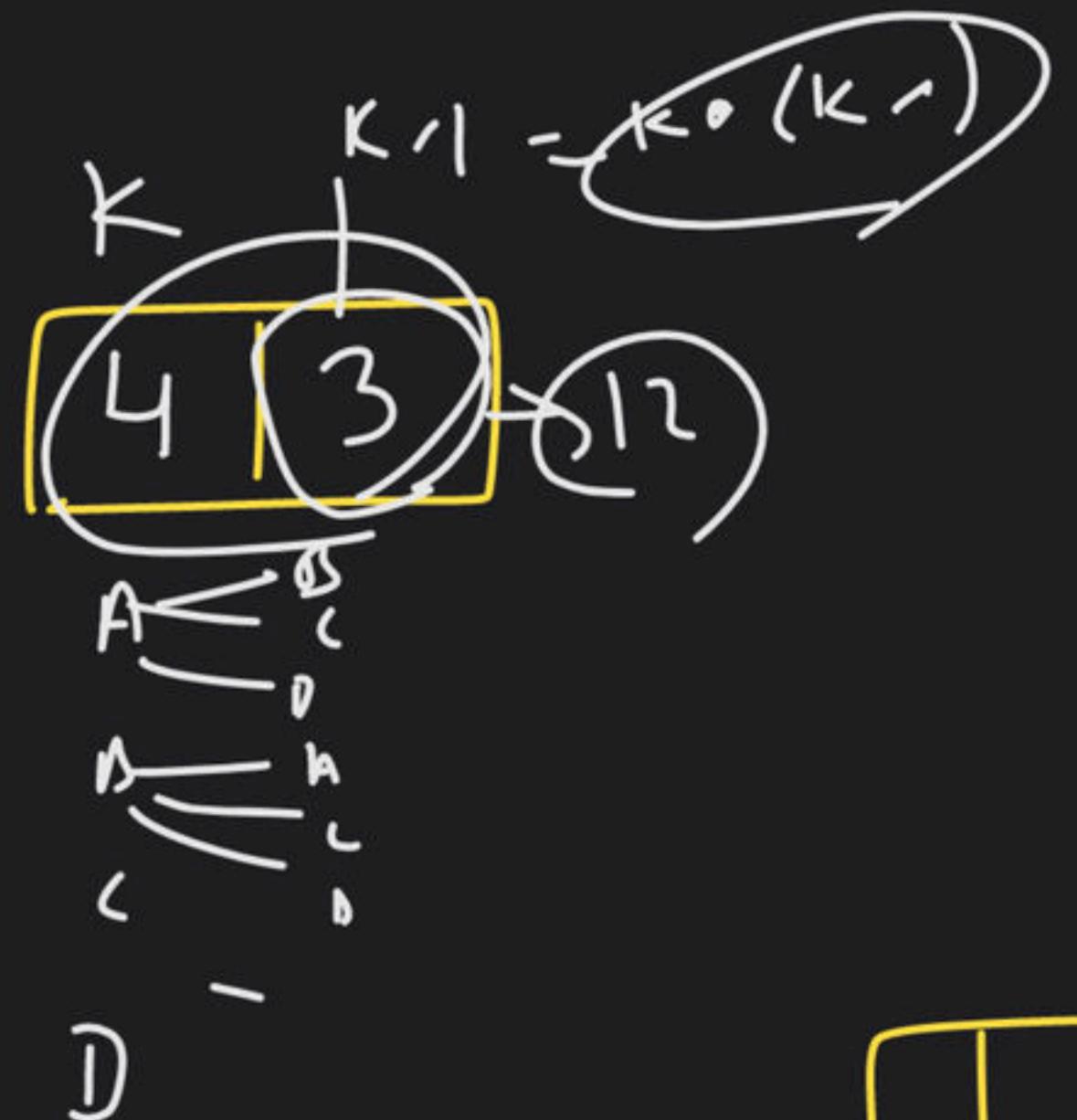




$C \rightarrow AB_1BR_1DP_1 \rightarrow (1<1)$

$D \rightarrow AA_1AQ_1 \xrightarrow{?} (1<1)$







Lakshya.mishra56

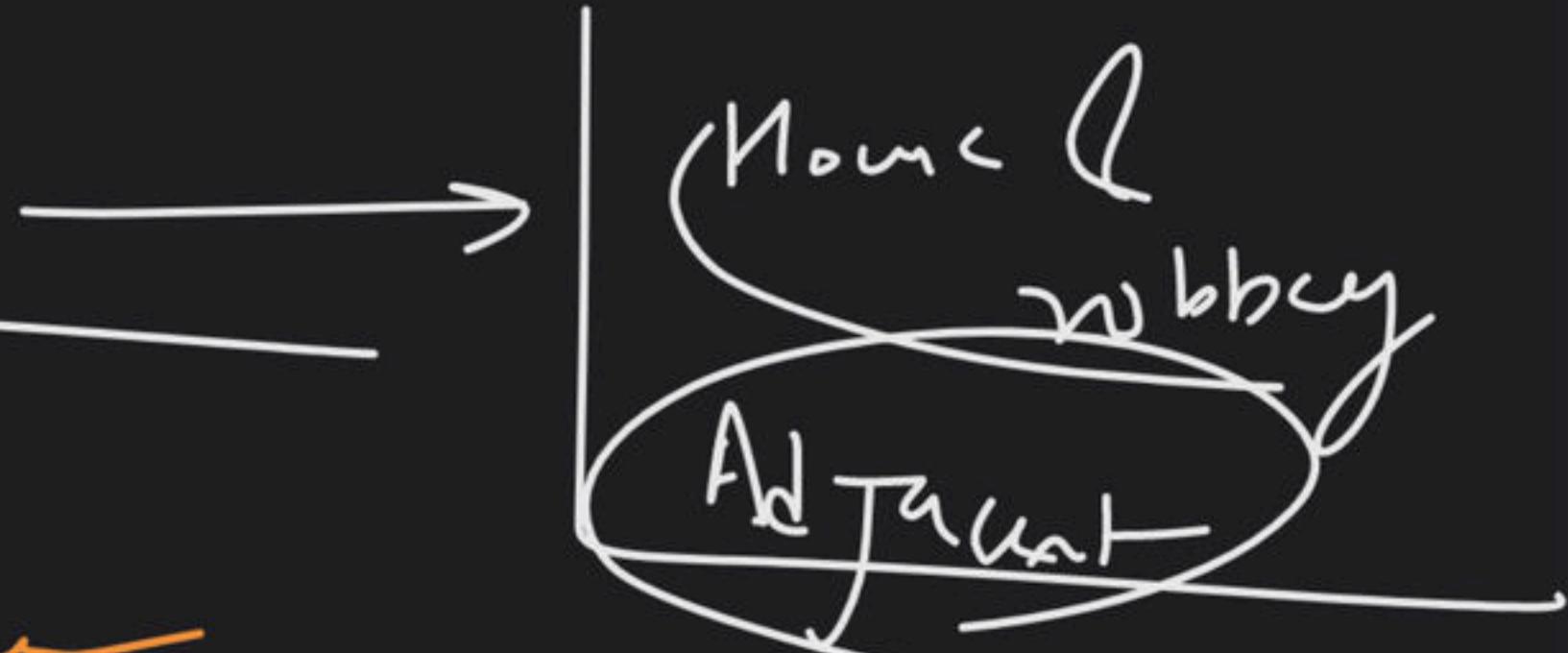
@gmail.com

Lakshya.mishra56

@gmail.com

(2)

Pizza with $3n$ slices

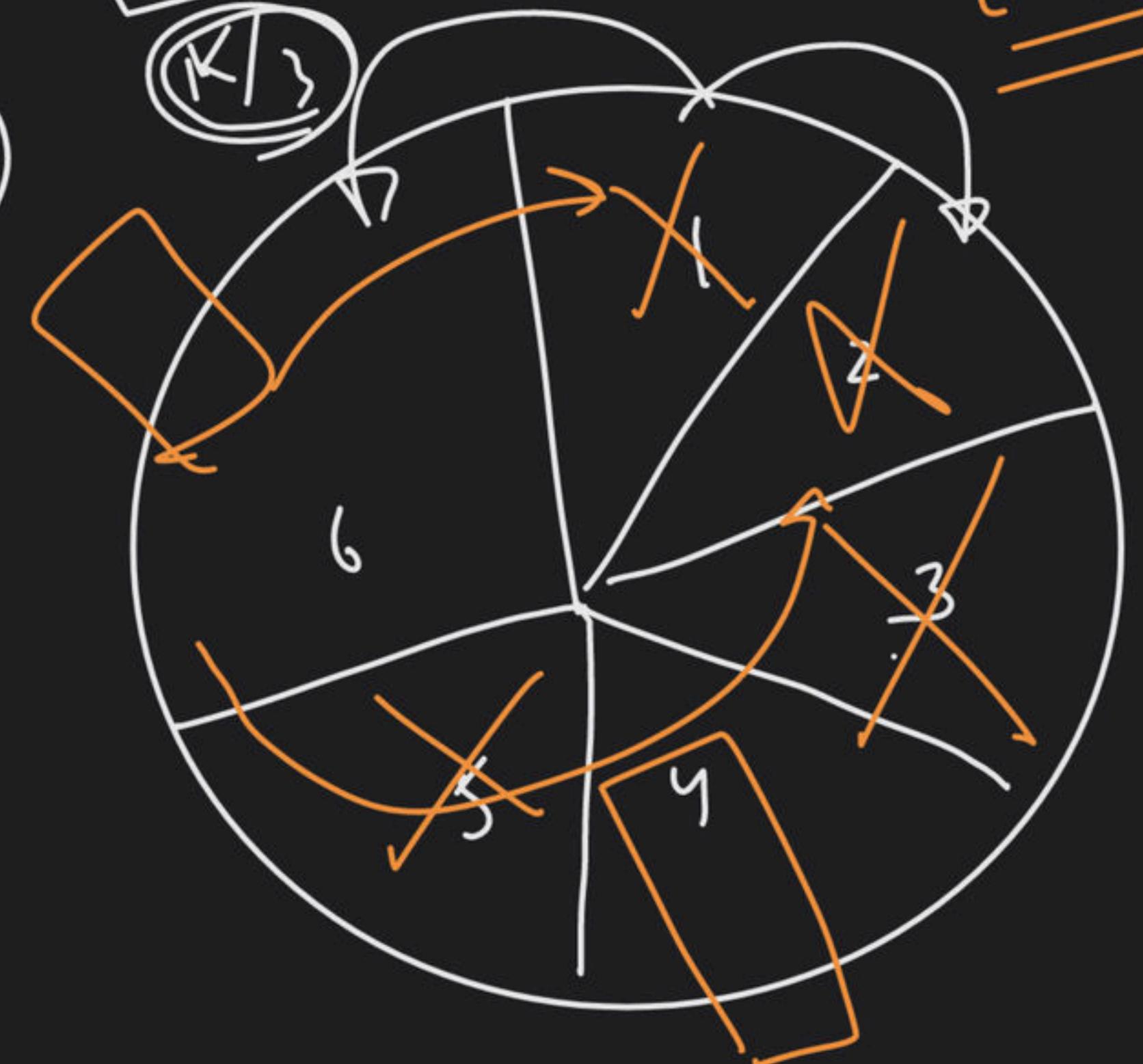


$K = \text{slice_size}()$

$K/3$

$3n$

n



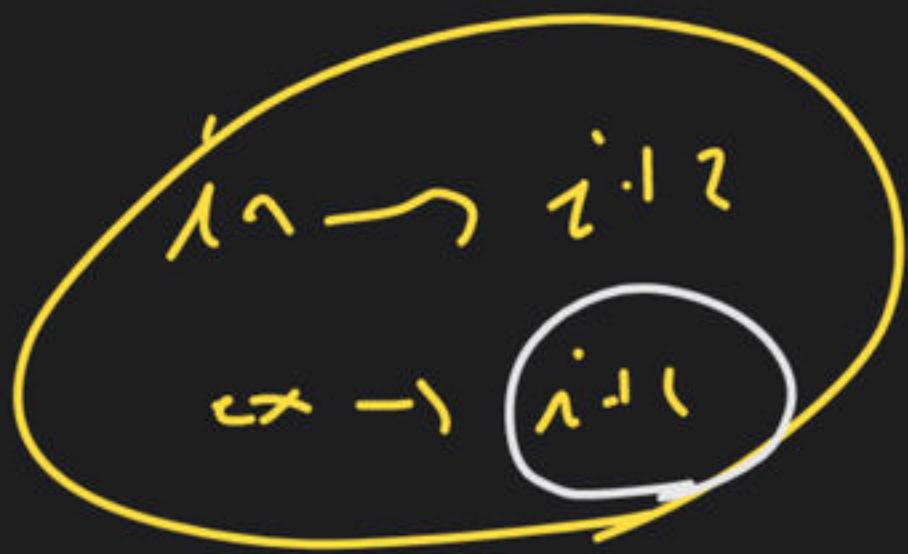
$$\text{Sum} = 4 + 10 \rightarrow 10$$

0/.5

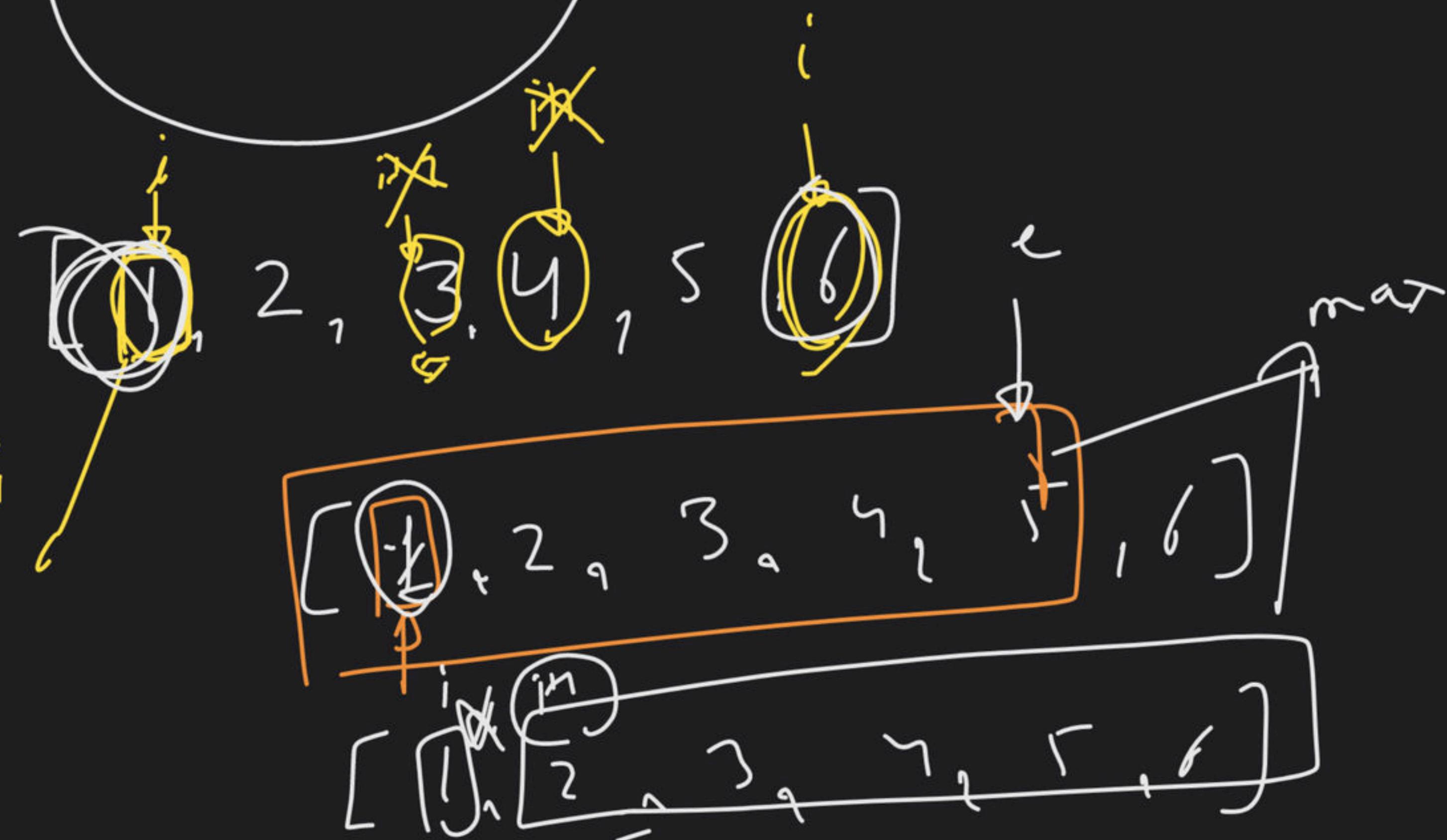
0, 1, 1, 7, 7

0, 1, 1, 2, 2

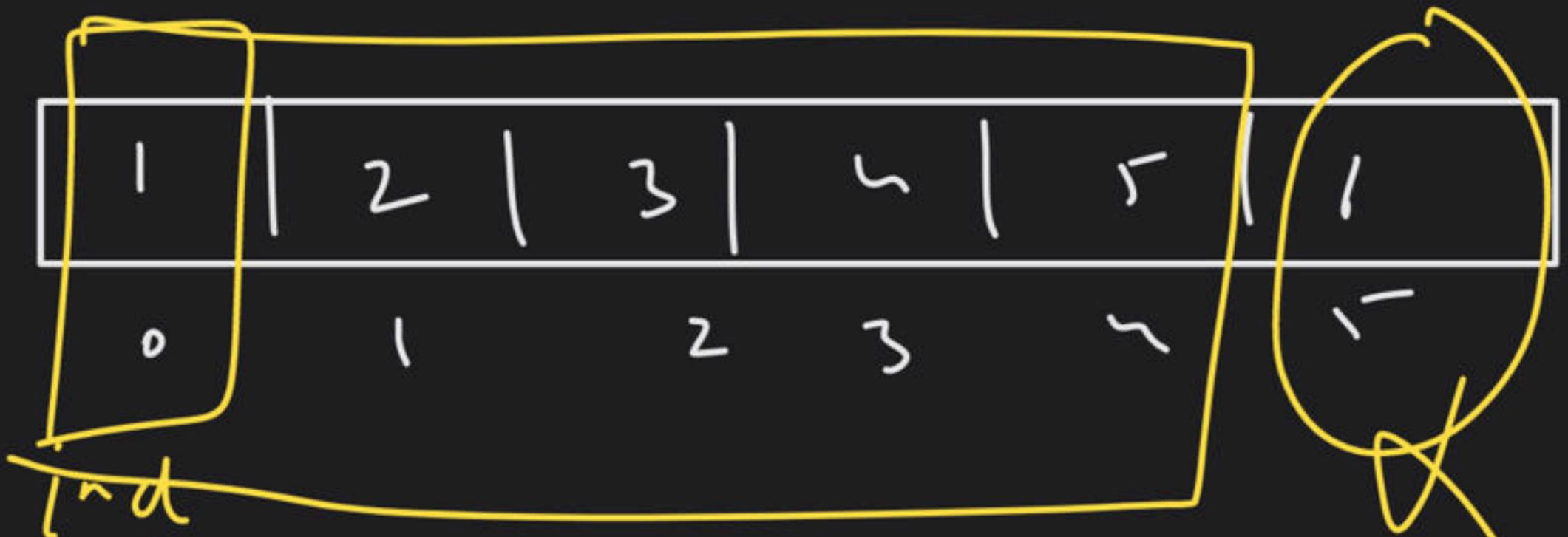
sliws →



poln (sliws,
sturk,
und,
i)



input



Ind

$\frac{0^m}{1}$

D

$\frac{4^m}{1}$

$C_{T_{1,2,3,\dots,n-2}}$

Out 81%

T

6

6-1



N^m
CX

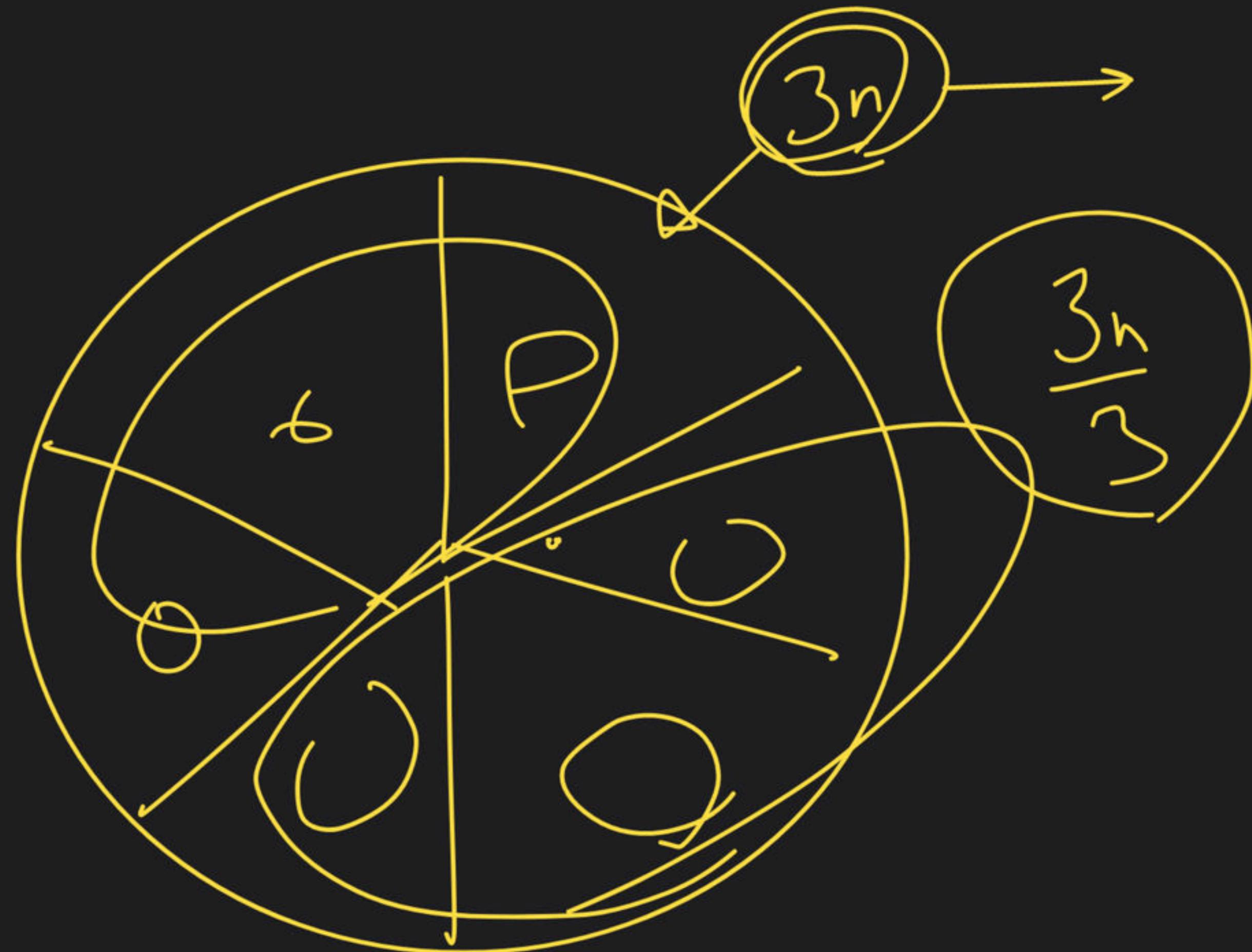
6-1

C_2

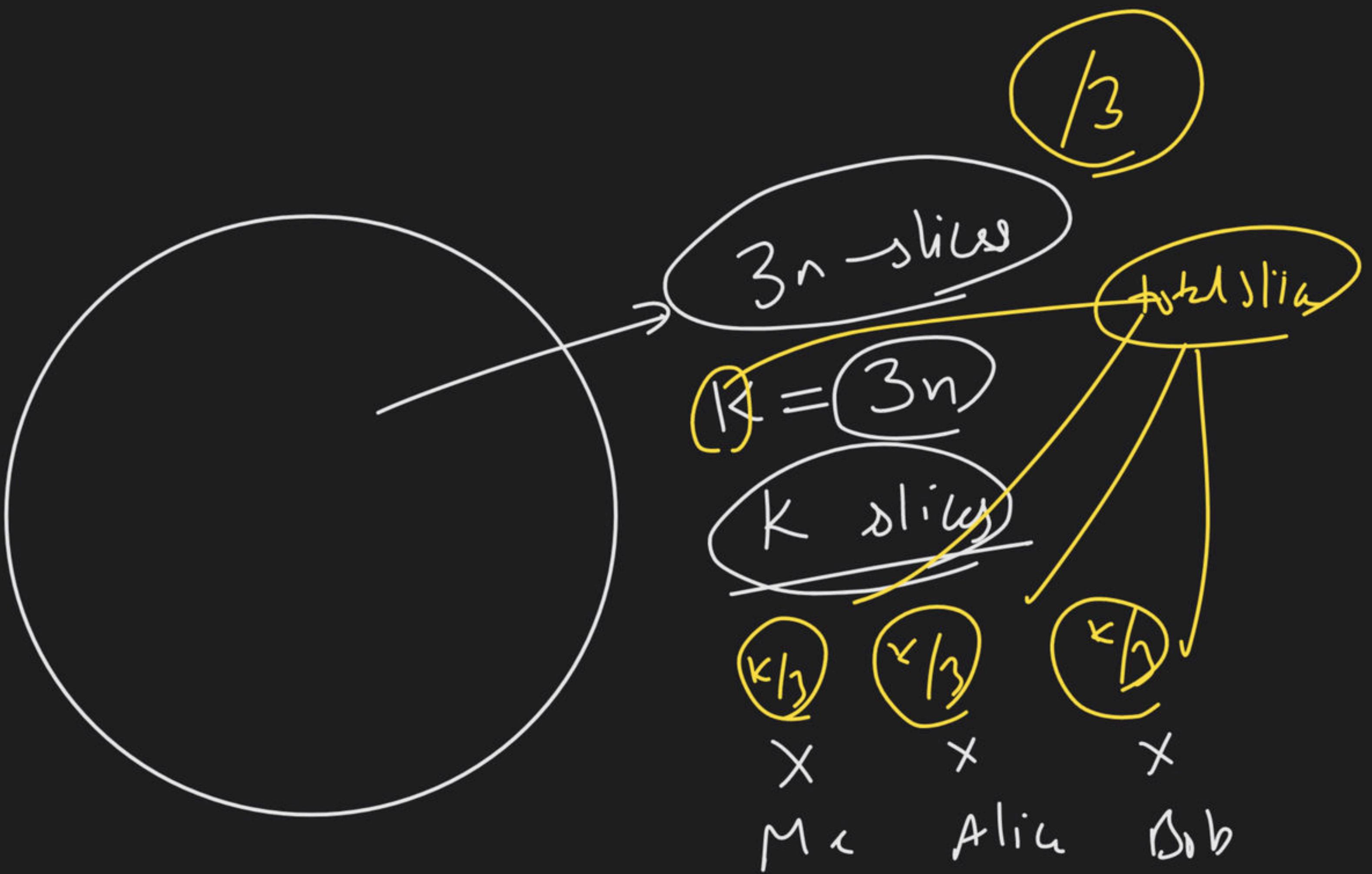
Out 111

T

6-1









1	2	3	4	5	6
---	---	---	---	---	---

option 1 →

1	2	3	4	5
6	1	2	3	4

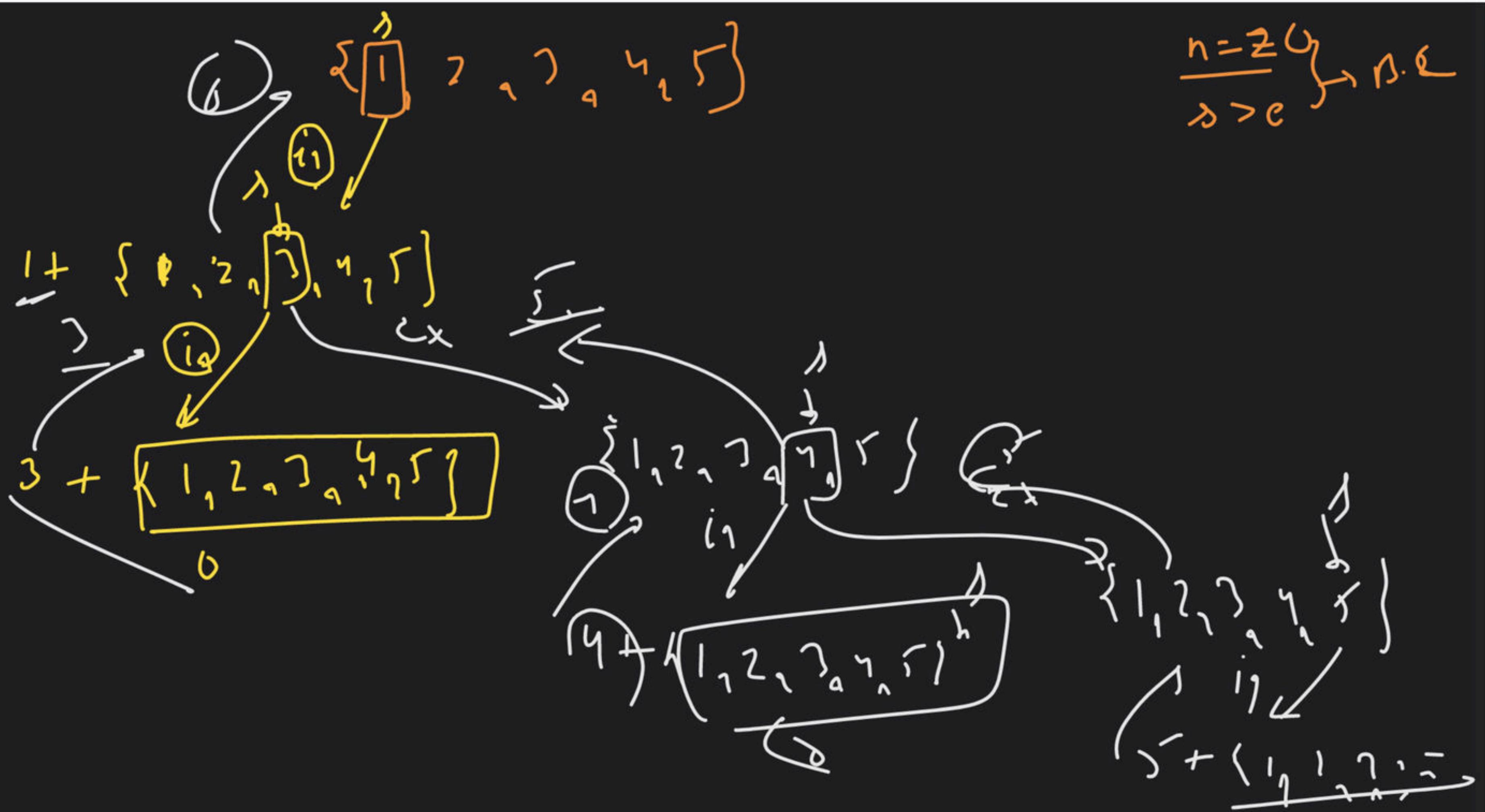
→ ans + 6 ~~max~~
10

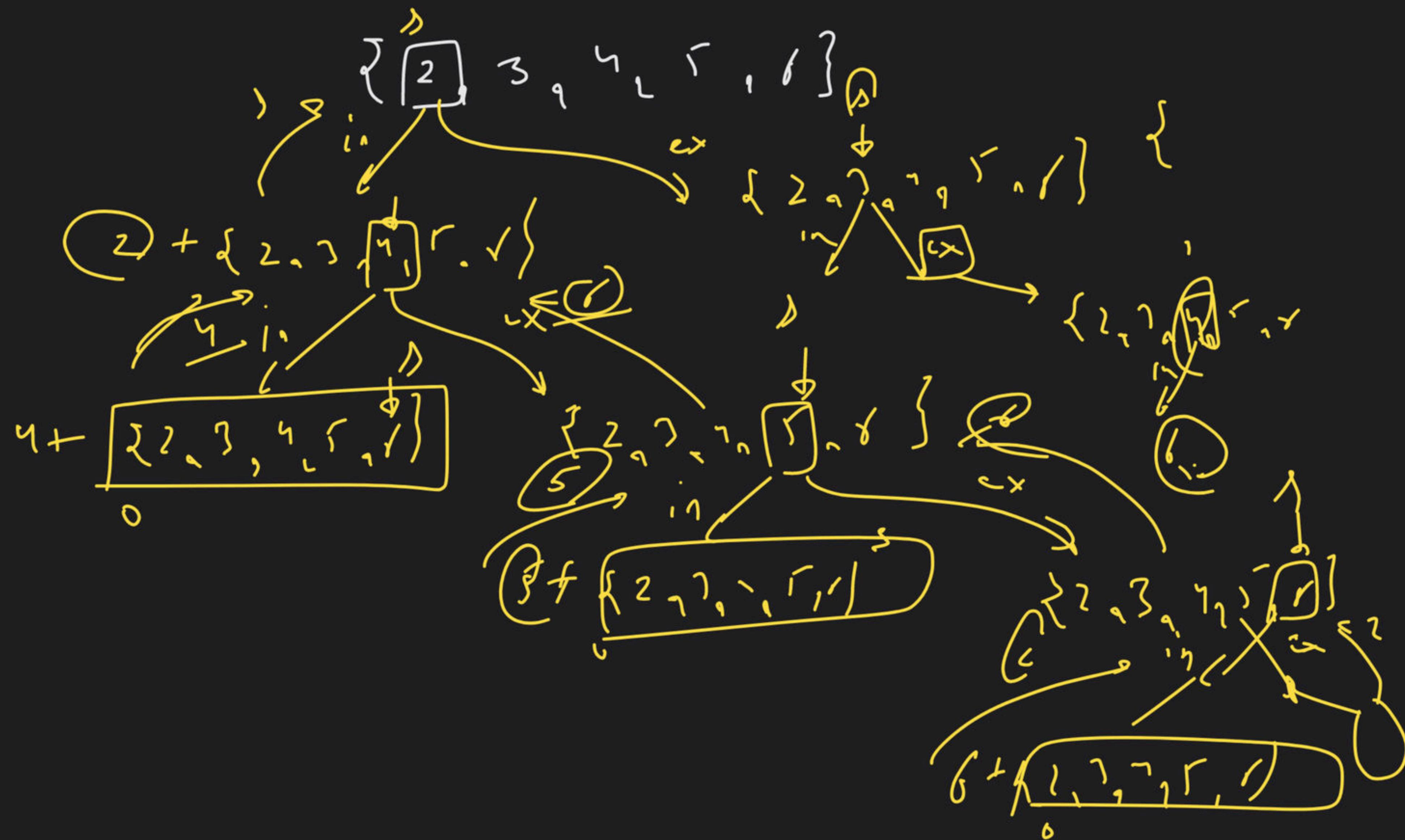
option 2 →

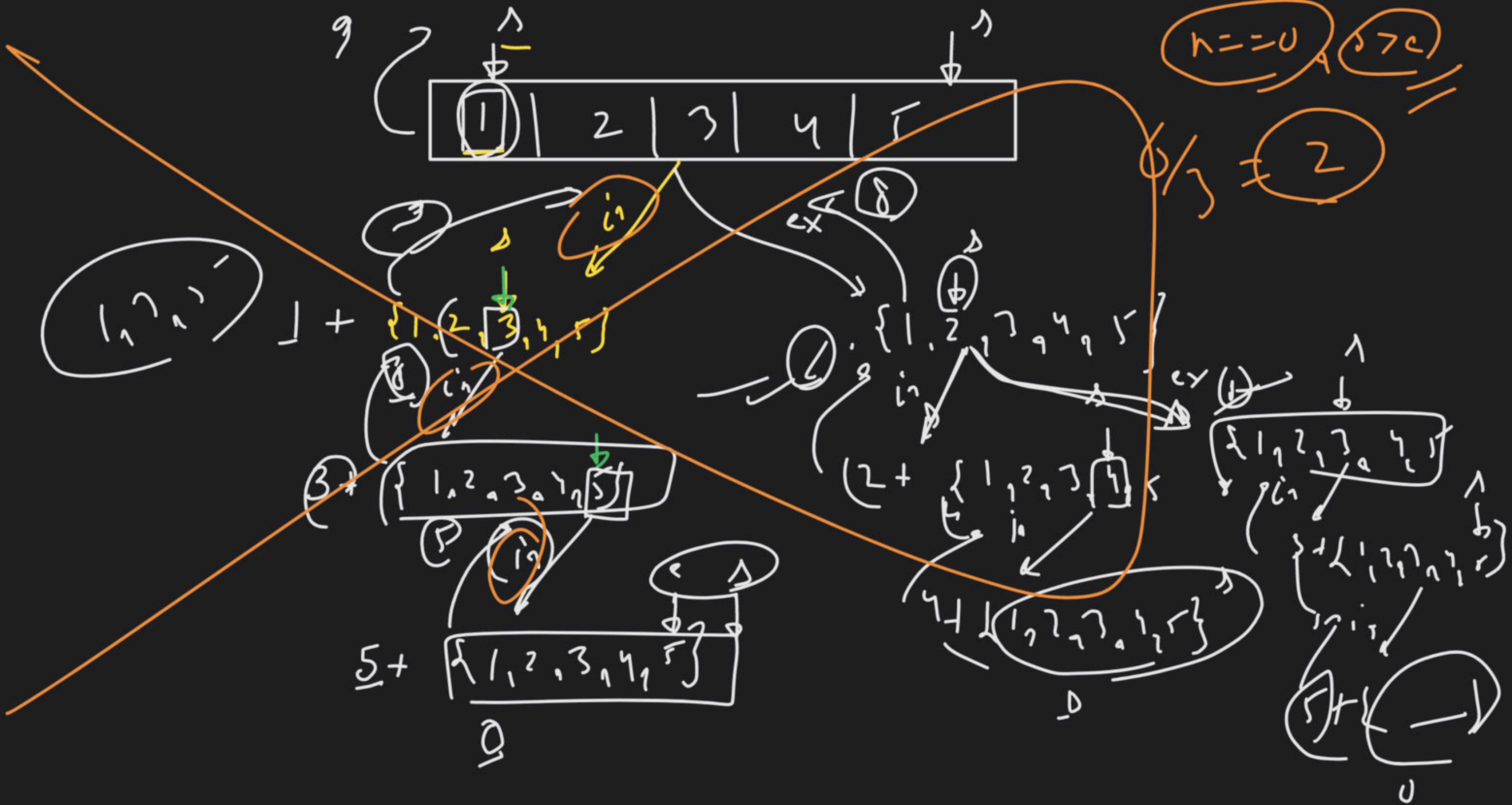
2	3	4	5	6
2	3	4	5	6

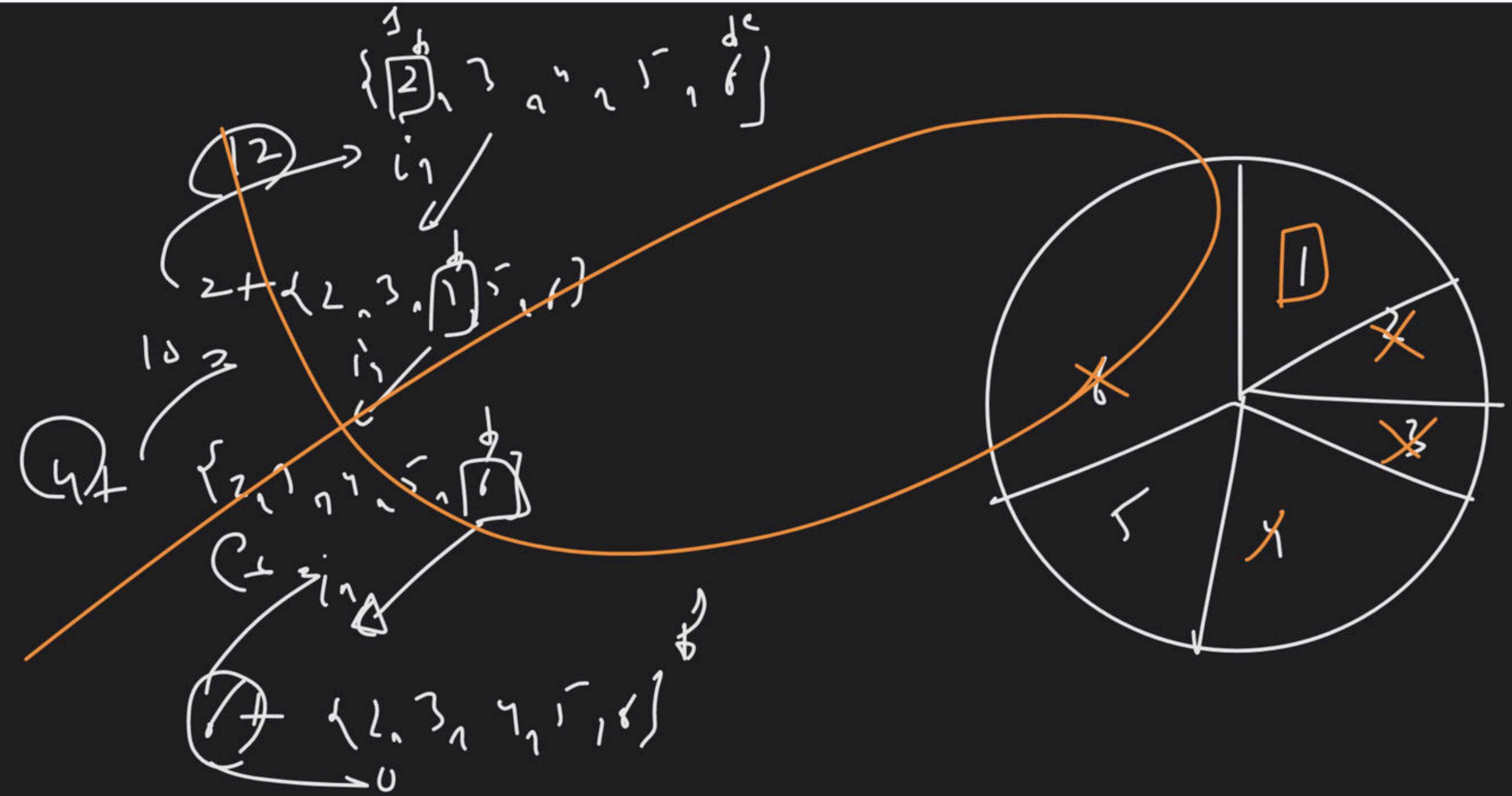
→ ans → 10

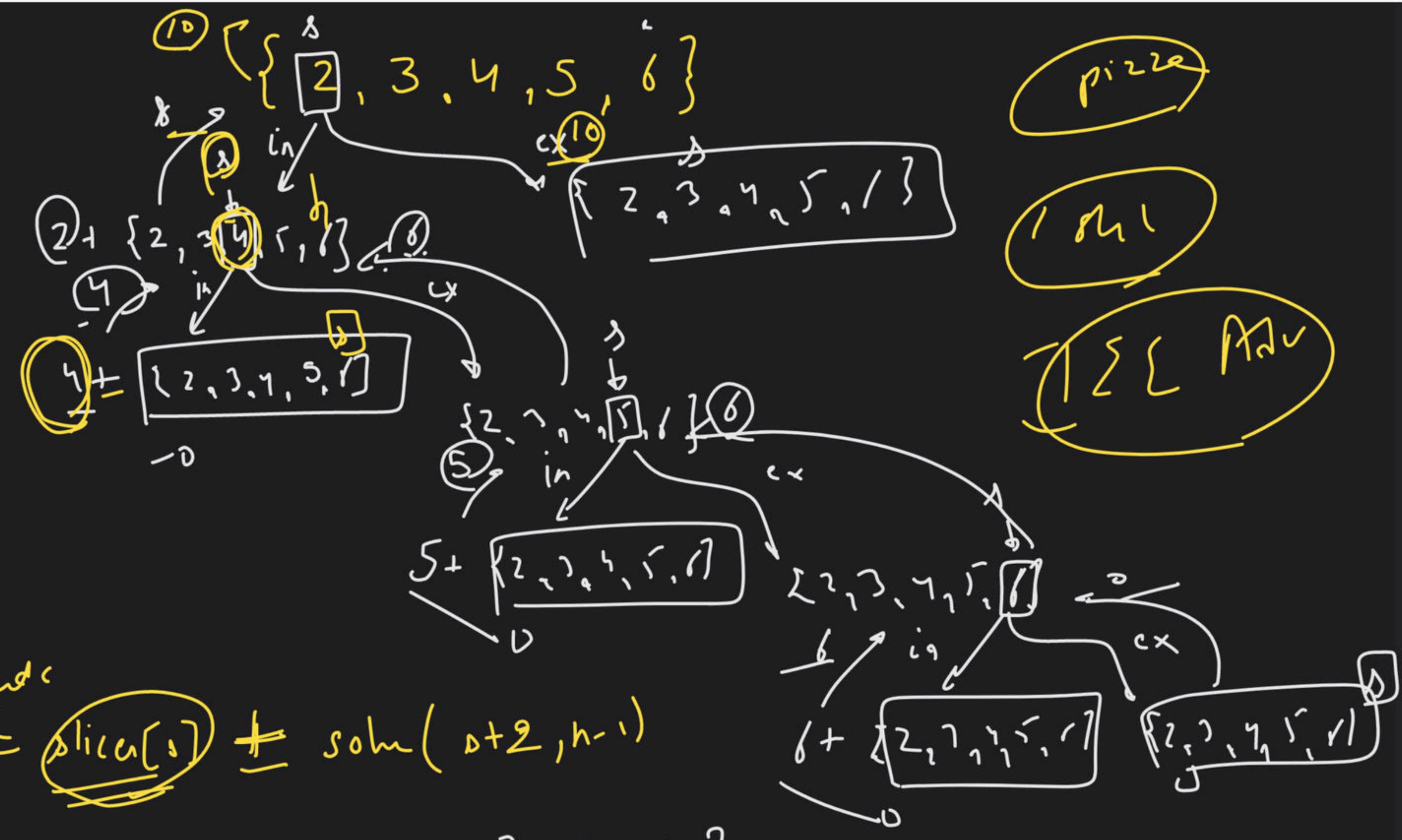
$$\frac{n=2}{\lambda > e} \rightarrow B.E$$









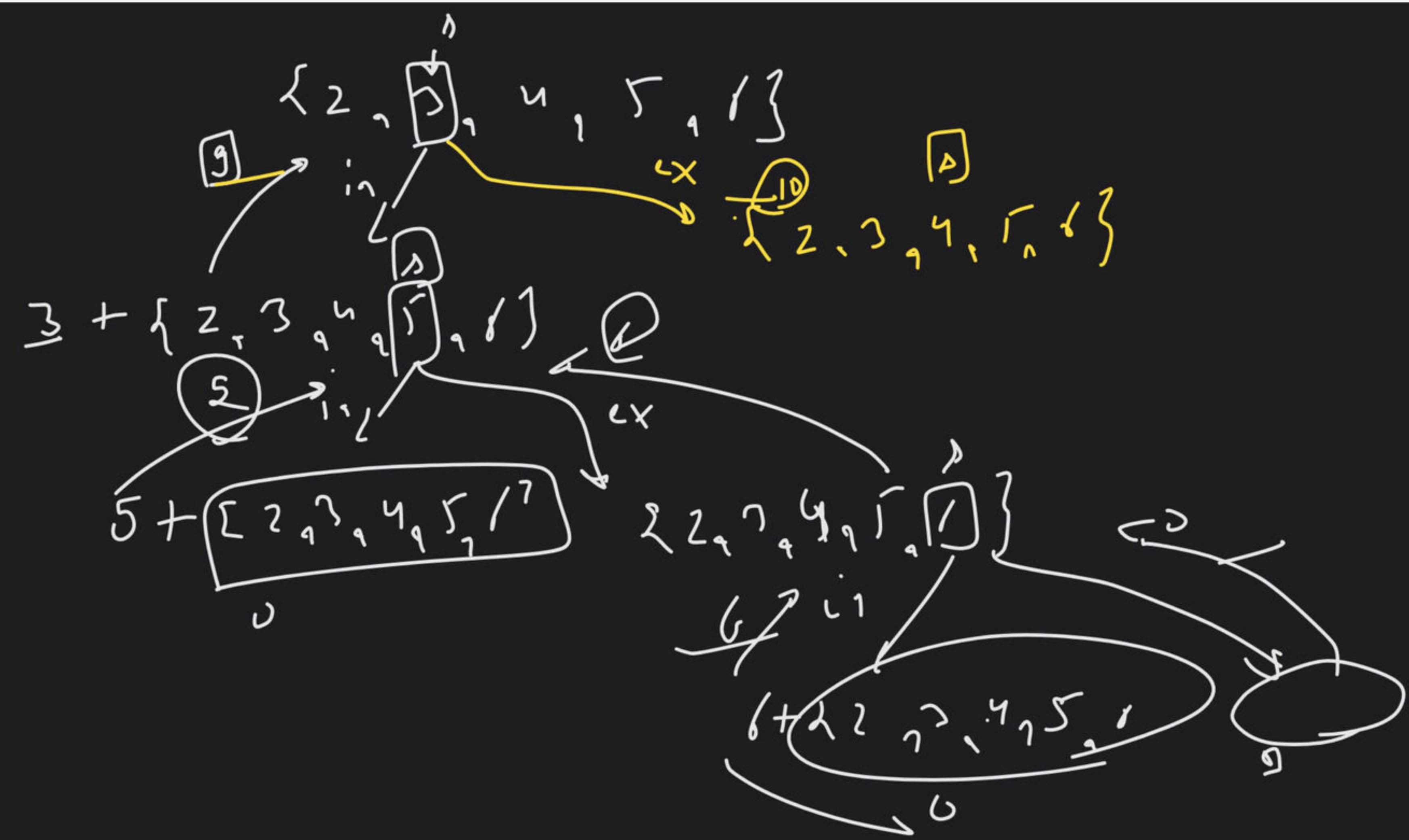


in!

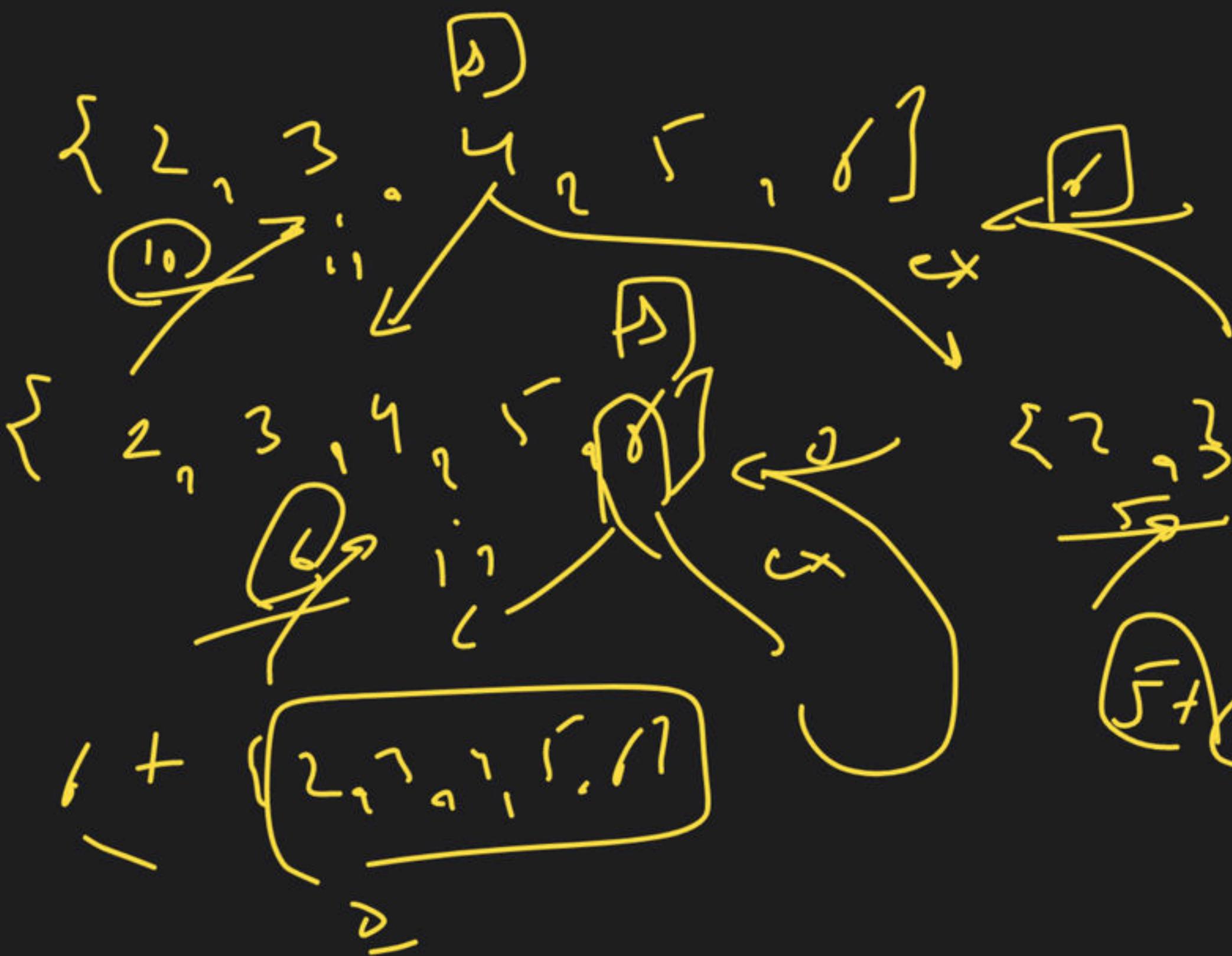
in (back)

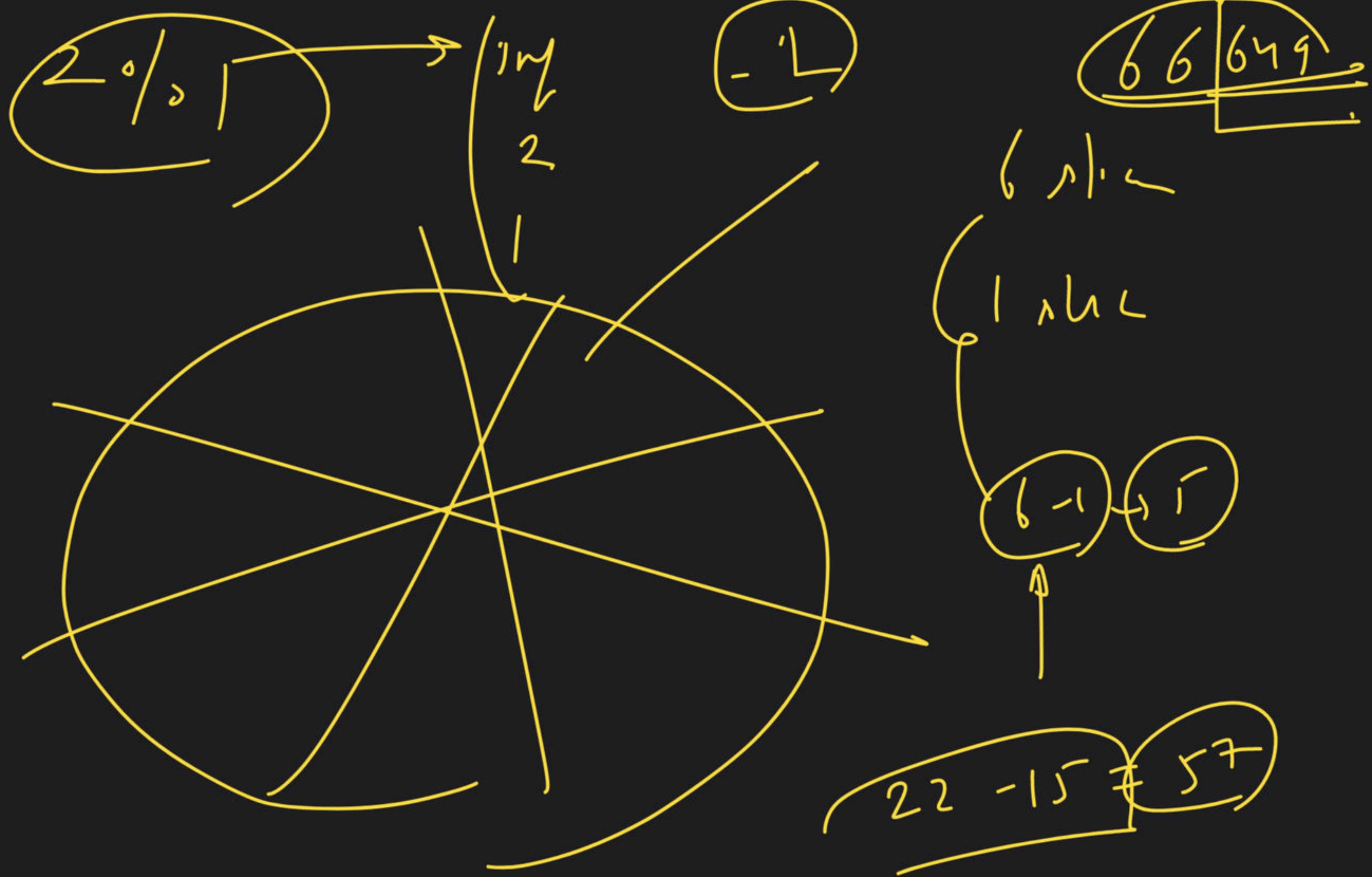
= splice(s) + solve(s+2, h-1)

2 - 2 = 3000



-4 +



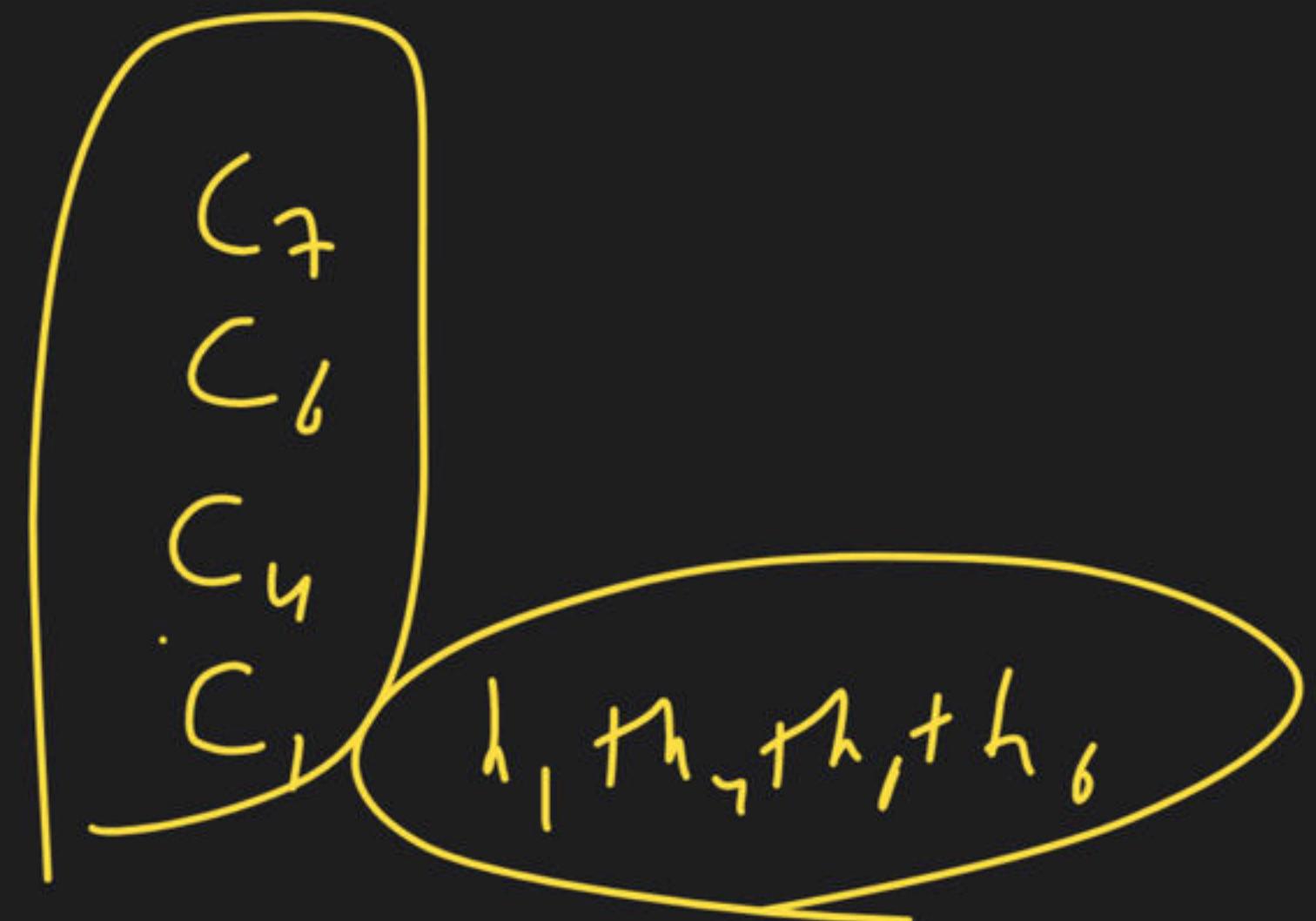


~~int~~ ~~if~~
int exclude ←  + soln ($\Delta H_1 < 1 \text{ h}\text{n}$)

Q Max height by Stacking Cuboids → Longest in
Subsequence

$c_1 \ c_2 \ c_3 \ c_4 \ c_5 \ c_6 \ c_7$

12 pm



c_y
 c_x → end