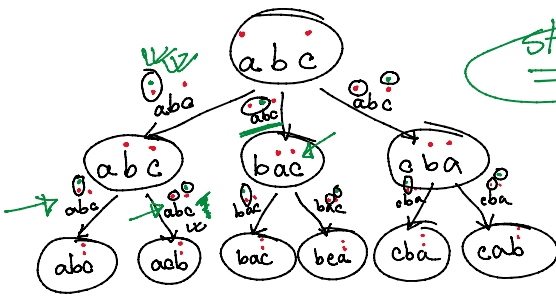
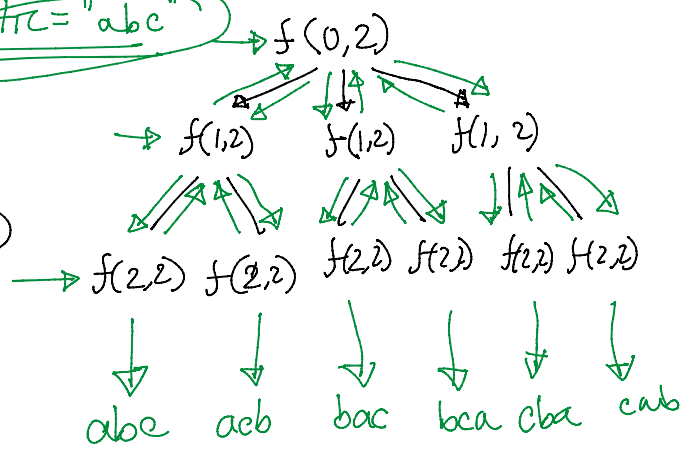


abc  
abc  
acb  
bac  
bca  
cab  
cba  
eba



str = "abc"

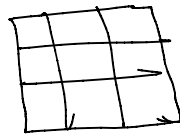


```
perm(L, R)
{
    if (L == R) → str
    for (i = L; i <= R; i++)
    {
        swap(s[i], s[L]);
        perm(L+1, R);
        swap(s[i], s[L]);
    }
}
```

$N \times M$

0	0	0	0	1
0	1	1	1	0
0	0	1	1	0
0	0	1	1	0
1	0	0	0	0

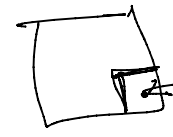
0, 1



$1 \leq K \leq 5$   
K

9 8

0	0	0	0	1
0	1	1	1	0
0	0	1	2	0
0	0	1	2	0
1	0	0	0	0

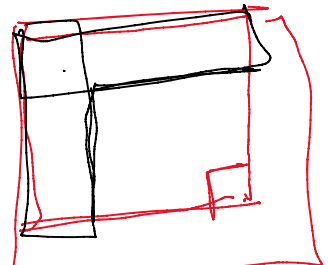
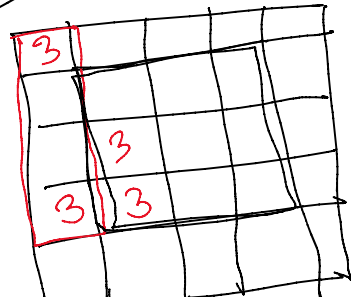


$2^k \cdot N \cdot M \cdot T$   
 $2^5 \times 10^6 \times 7$   
 $32 \times 10^6 \times 7$   
 $200 \times 10^6 \times 2200$

cost 9 6

dp

1	0	0	0	1
0	1	1	1	0
0	1	2	2	0
1	1	2	3	0
0	0	0	0	0



0	1	1	2	3	0
1	0	0	0	0	0

3	3			


$O(1)$

$$12 - 6 - 3 + 3$$

6

$O(TNM)$

3	3	3	3	3
3	3	3	3	3
3	6	6	6	6
6	12	12	12	12
6	12	12	12	12

$$g[i][j] += g[i-1][j] + g[i][j-1] + g[i-1][j-1]$$



$$\text{cost}[x_2][y_2] - \text{cost}[x_2][y_1-1] - \text{cost}[x_1-1][y_2] + \text{cost}[x_1-1][y_1-1]$$

$(x_2, y_1-1)$

