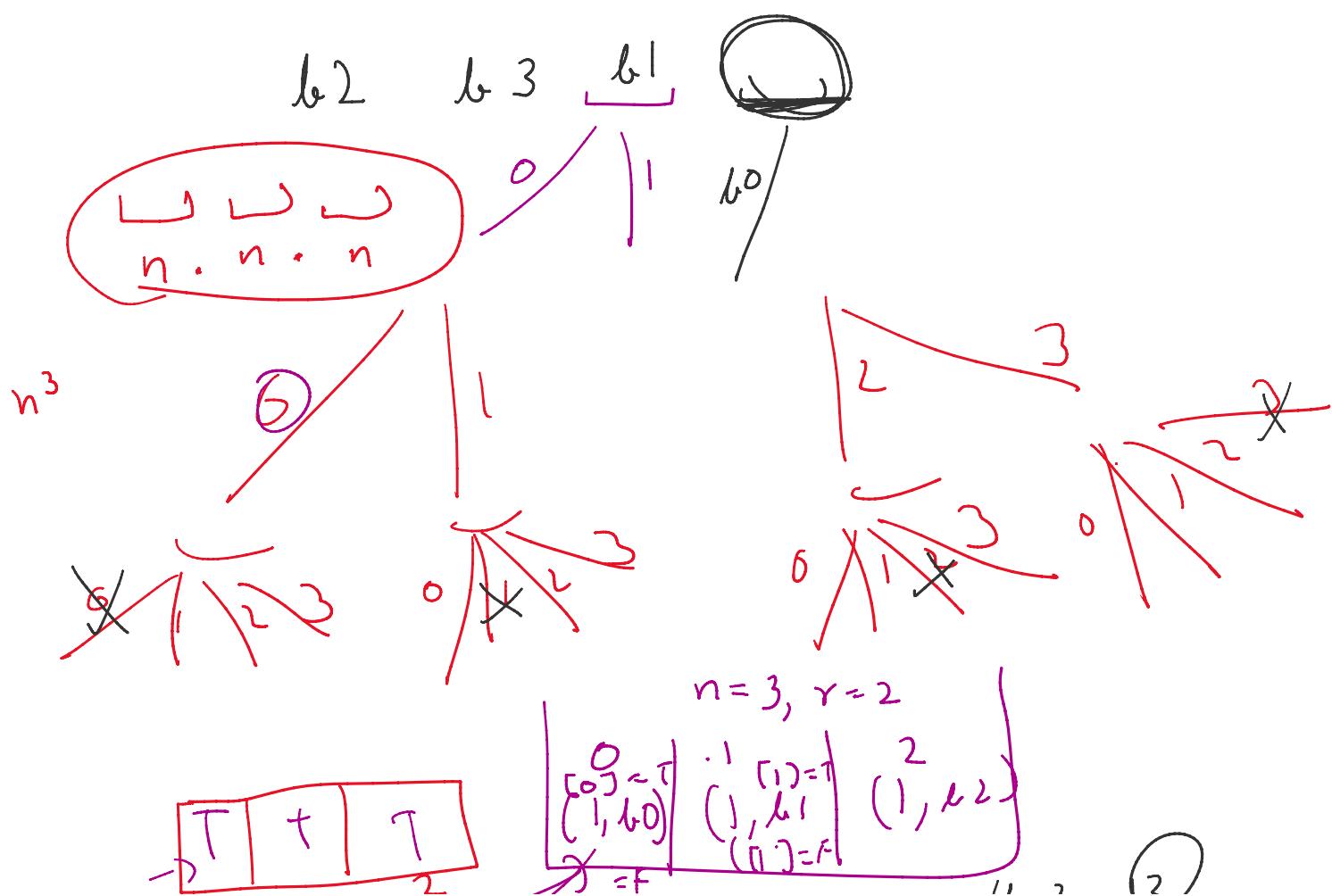
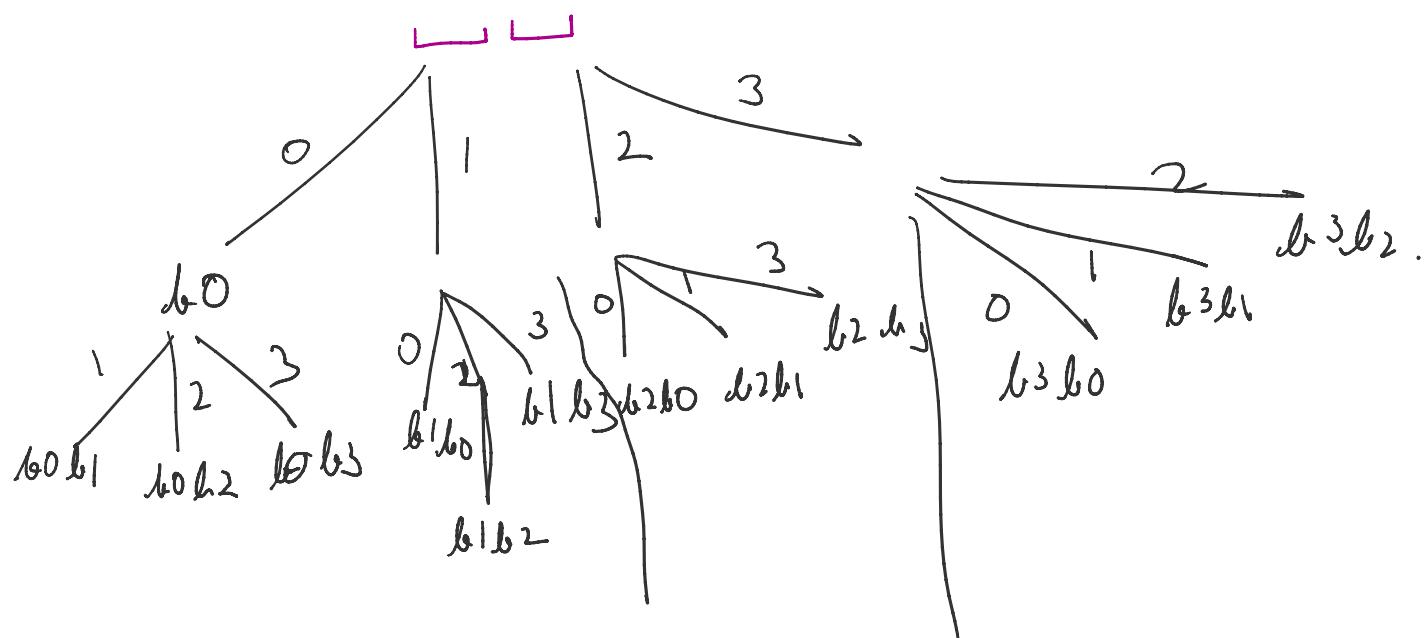
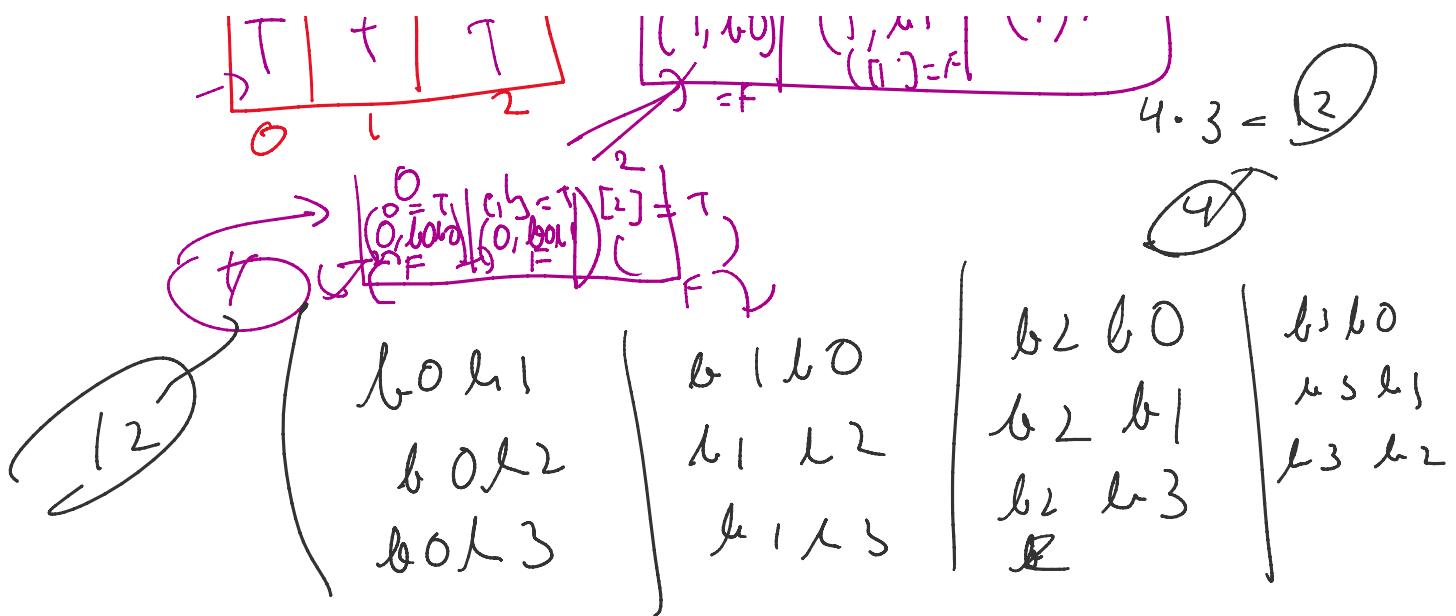
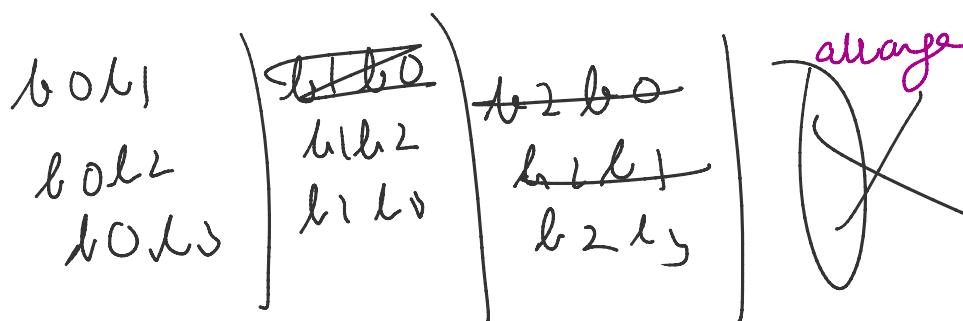
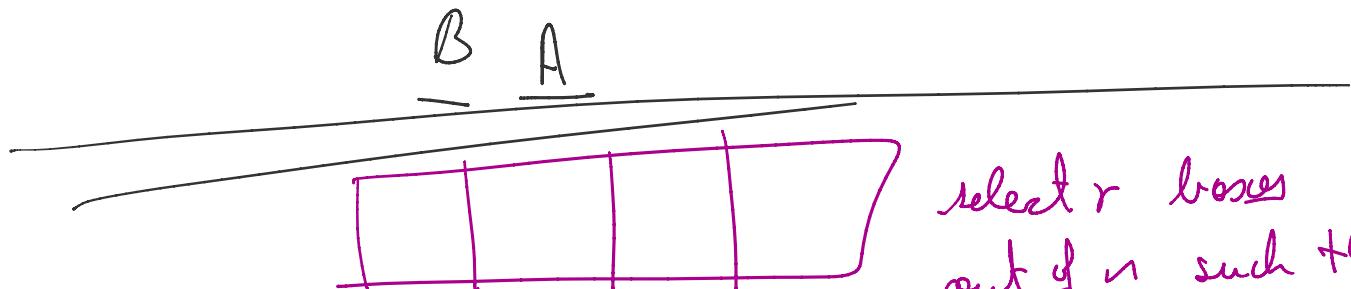


| | | | |
|---|---|---|---|
| 0 | 1 | 2 | 3 |
|---|---|---|---|

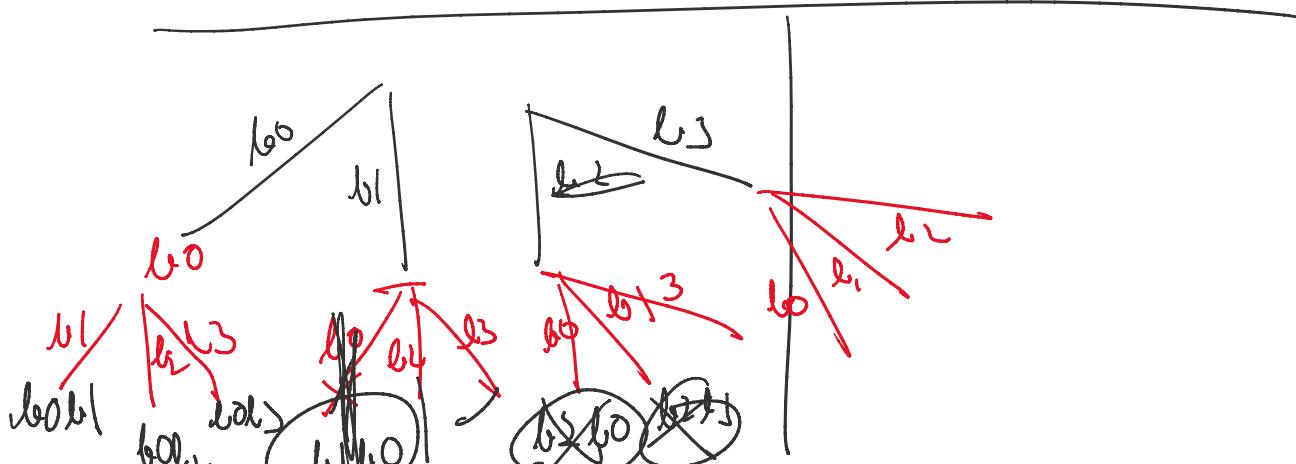


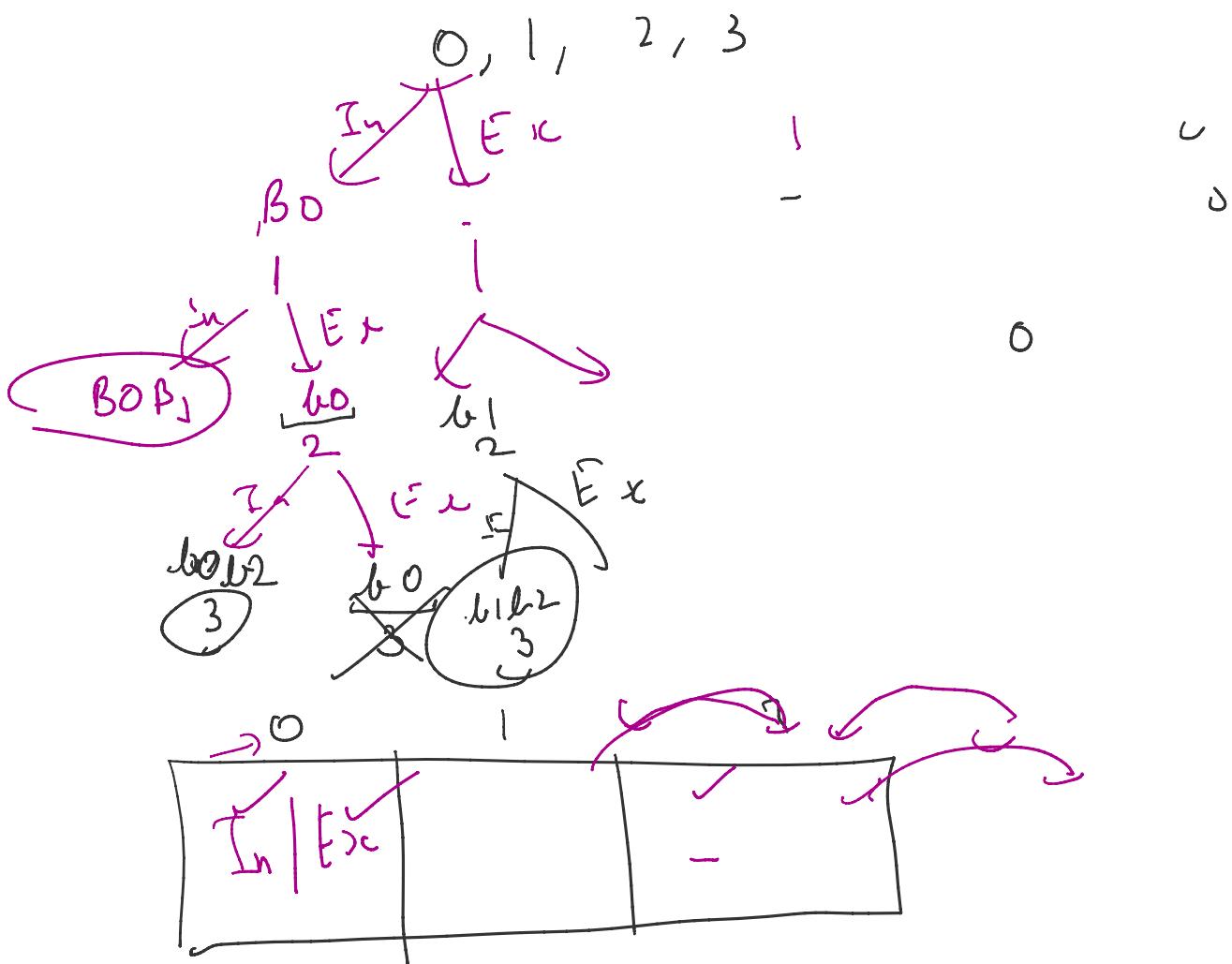
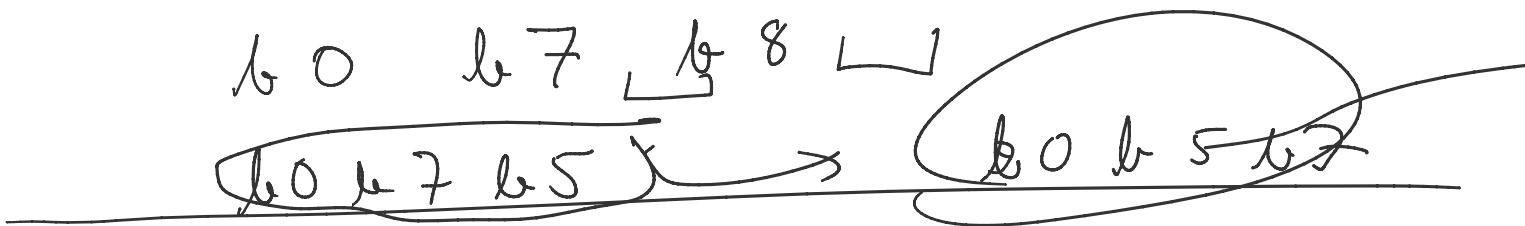
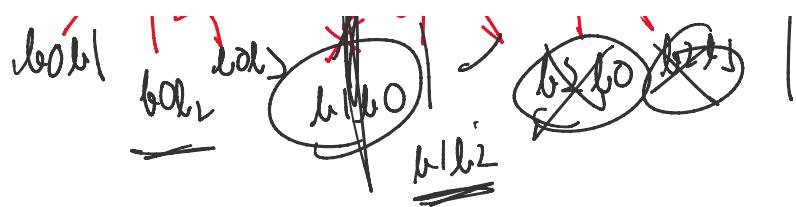


A, B, C, D



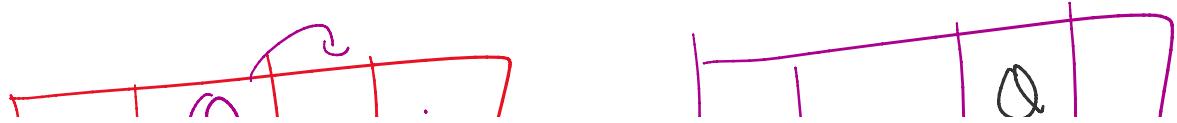
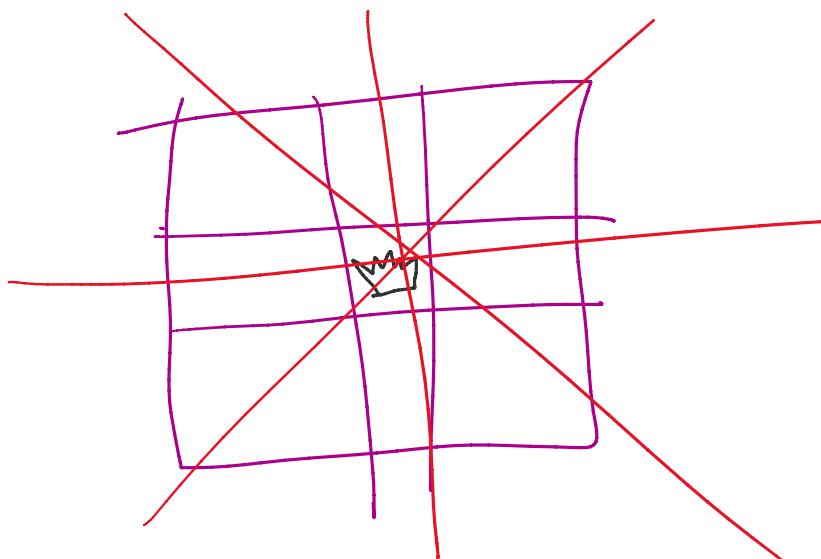
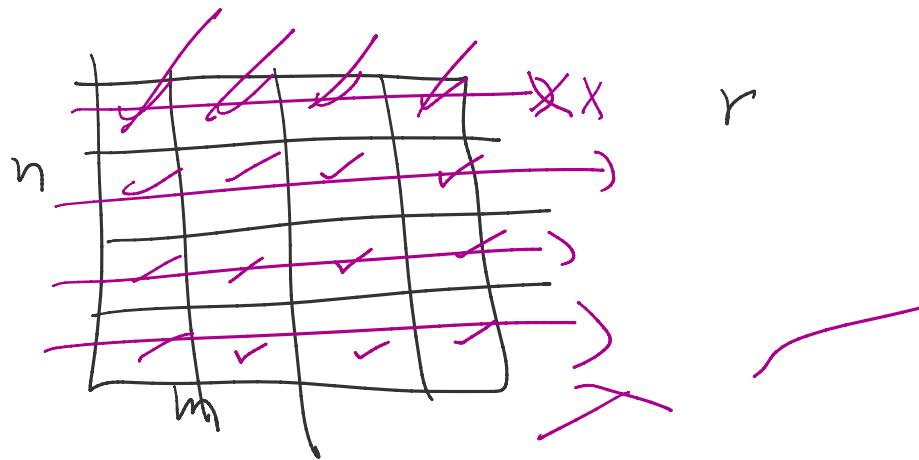
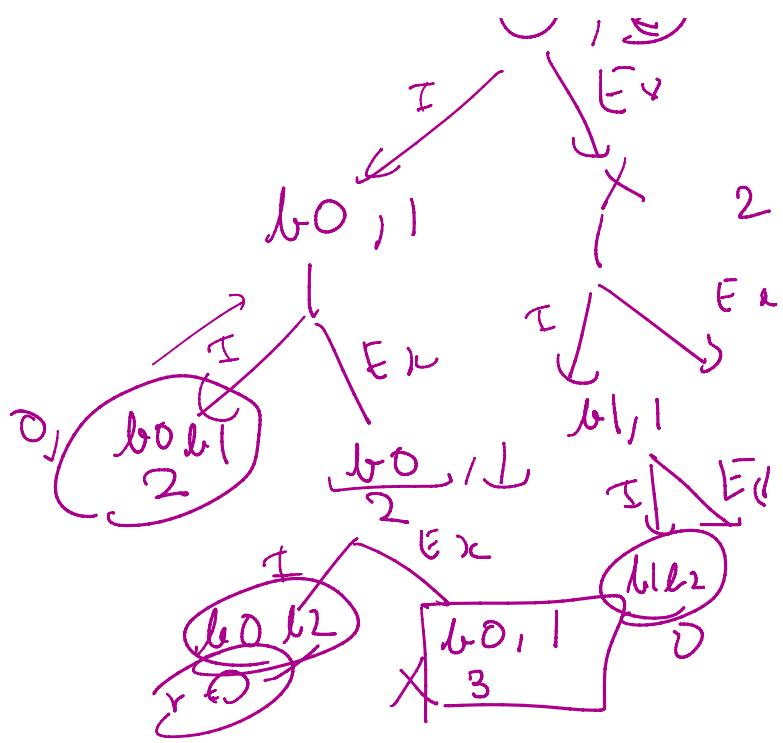
select r boxes
 out of n such that
 arrangement does not work,

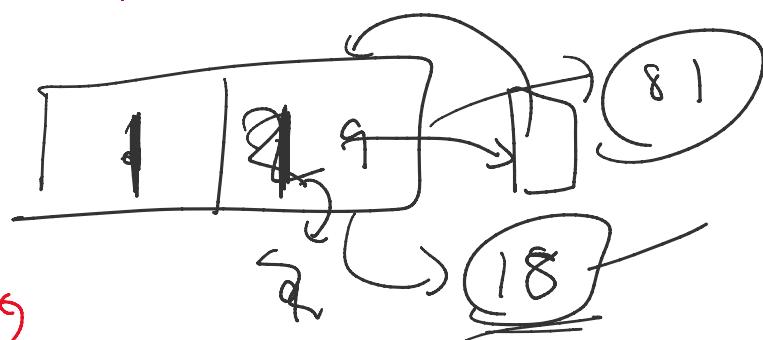
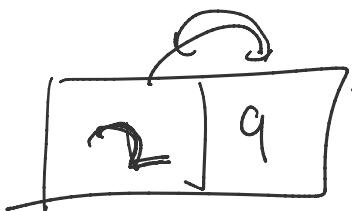
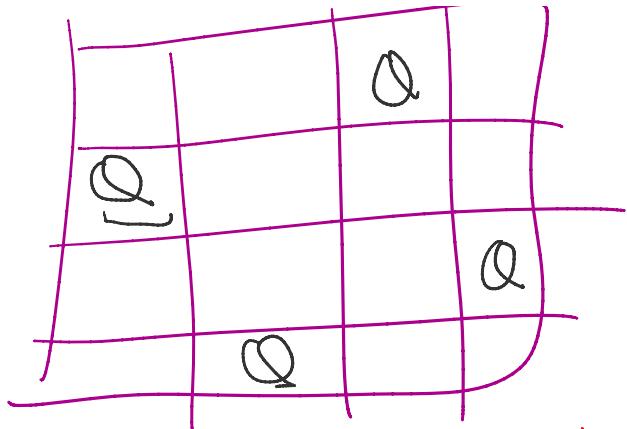
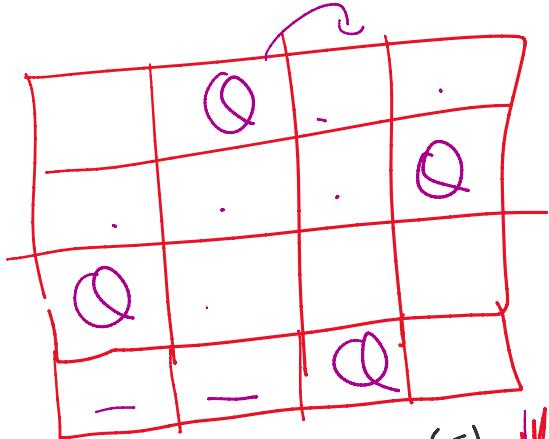




b0L1
b0L2

0, 2
I / \ Ex





| | R_0 | C_1 | C_2 |
|---|----------|------------|-------|
| 0 | 5 3 6 | 7 1 9 5 | |
| 1 | | | |
| 2 | 9 8 | X | 6 |
| 3 | 8 | 6 | 3 |
| 4 | 4 | 8 3 | 1 |
| 5 | 7 | 2 | 6 |
| 6 | 6 | | 2 8 X |
| 7 | | 4 1 9 | 5 |
| 8 | | 8 | 7 9 |

(2, 4)
 $\downarrow R_0$
 $\downarrow R_L$
 $\downarrow C_2$
 6 8