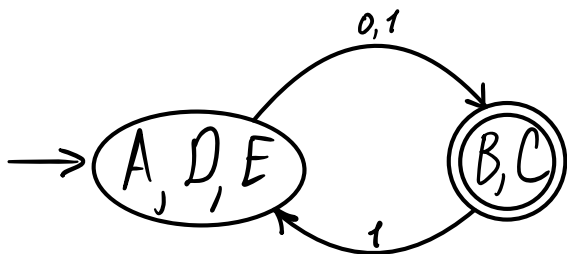


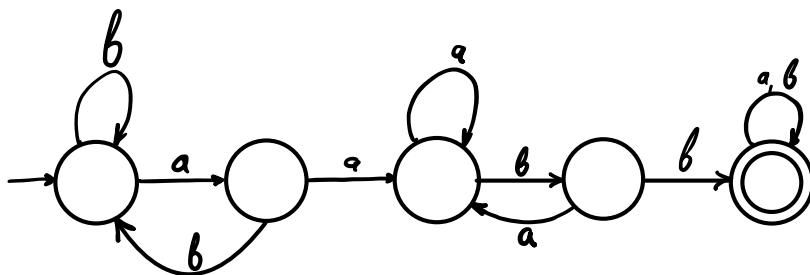
①

	0	1	A	B	C	D	E
A	-	-					
B	AD	-	✓				
C	E	AD	✓	×			
D	-	B	×	✓	✓		
E	-	C	×	✓	✓		

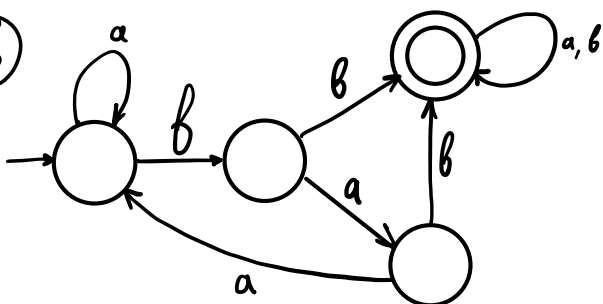
~~AB~~, ~~AC~~, ~~BD~~, ~~CD~~, ~~BE~~, ~~CE~~



② $(a|b)^* a a (a|b)^* b b (a|b)^*$



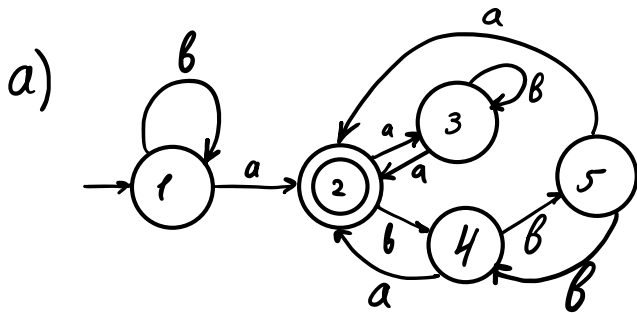
③



④

a) $b^*a((a|b)b^*a)^*$

b) $((a|b)^*ba|a)(aa)^*$

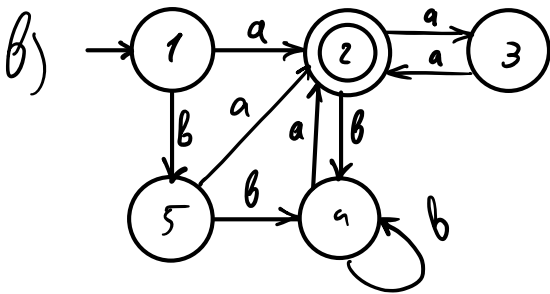
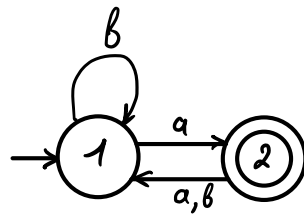


МИНИМИЗИРУЕМ:

	a	b		1	2	3	4	5
1	-	1						
2	$\begin{smallmatrix} 1\ 5 \\ 4\ 3 \end{smallmatrix}$	-		✓				
3	2	3			✓			
4	-	25			✓			
5	-	4			✓			

~~12~~, ~~23~~, ~~24~~, ~~25~~

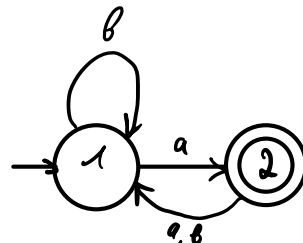
ИТОГОВЫЙ МИНДКА:



	a	b		1	2	3	4	5
1	-	-						
2	$\begin{smallmatrix} 1\ 5 \\ 4\ 3 \end{smallmatrix}$	-		✓				
3	2	-			✓			
4	-	$\begin{smallmatrix} 2\ 4 \\ 5 \end{smallmatrix}$			✓			
5	-	1			✓			

~~12~~, ~~23~~, ~~24~~, ~~25~~

ИТОГОВЫЙ МИНДКА:



Ответ: **ЭКВИВАЛЕНТЫ**