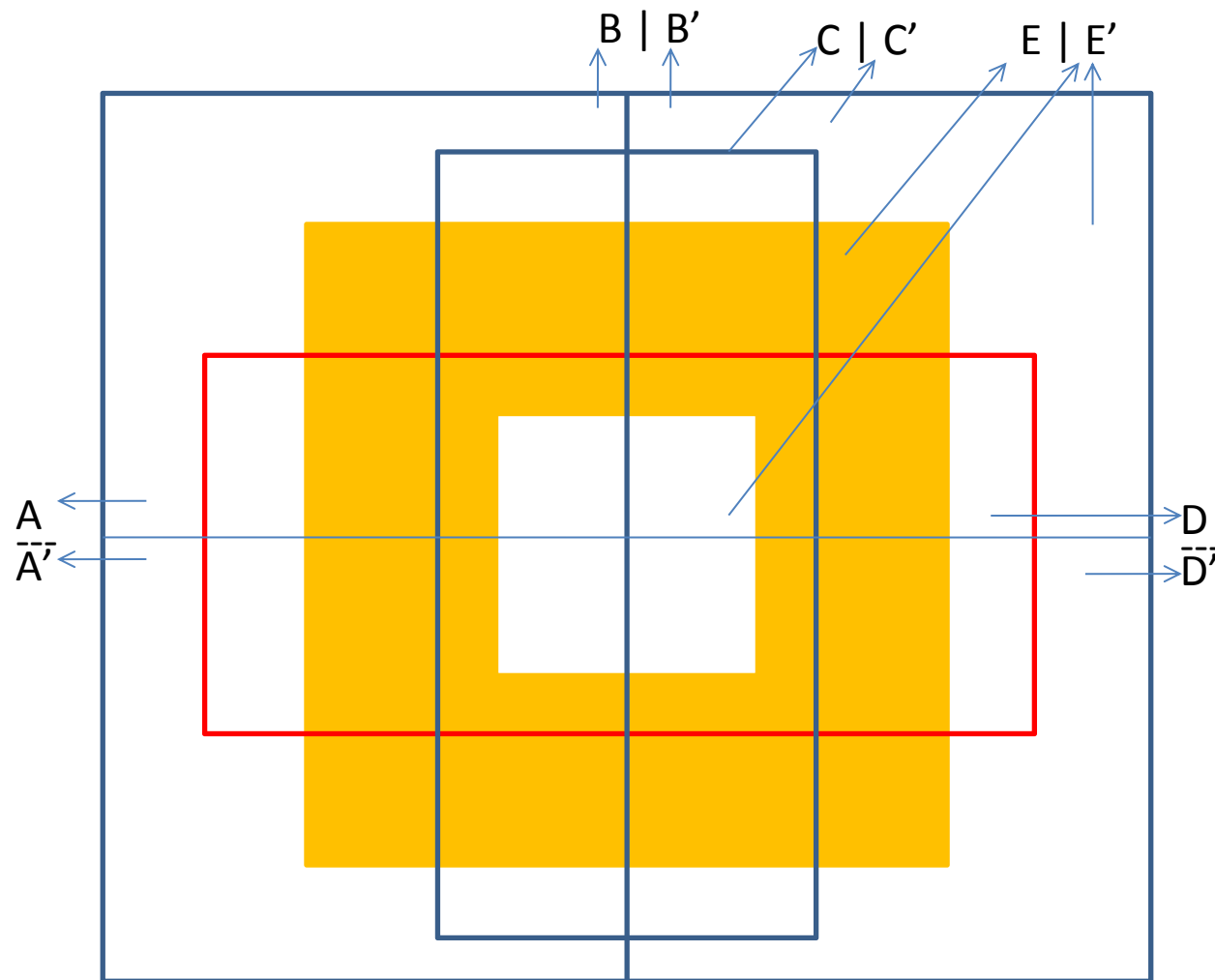


The five-sets logic diagram for item: {A, B, C, D, E}

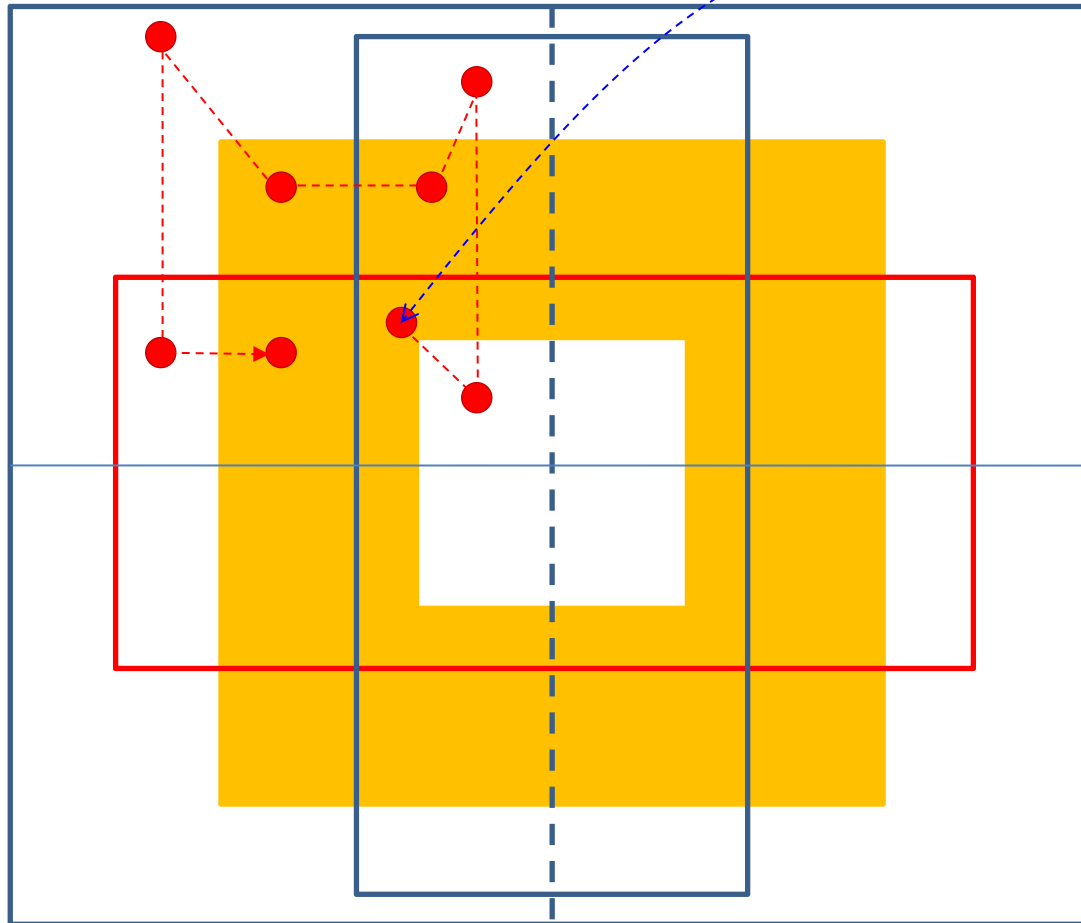


Structure of the diagram:

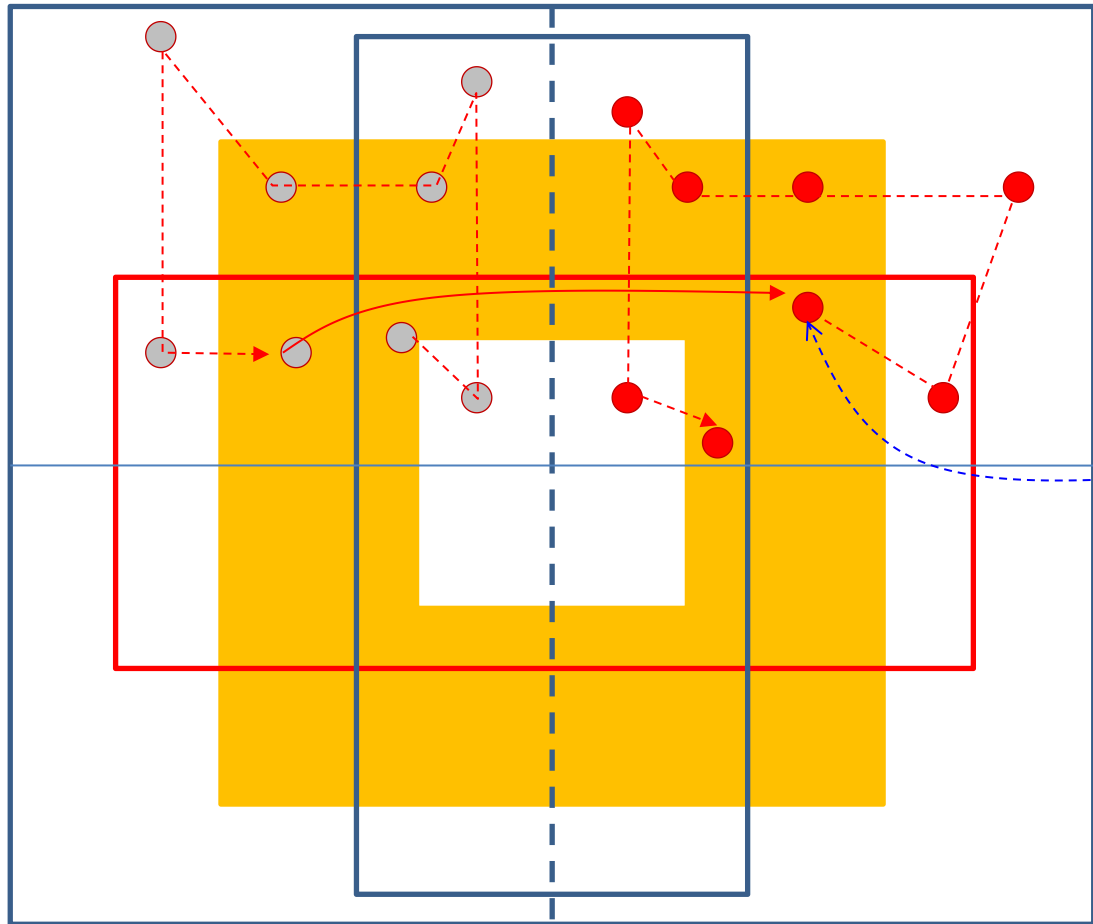
The base four-sets in diagram are as same as the Carroll's according to the *Symbolic Logic*.

The fifth set E is the orange square except the hollow at the center.

Fill diagram by set switchs once per turn (1)

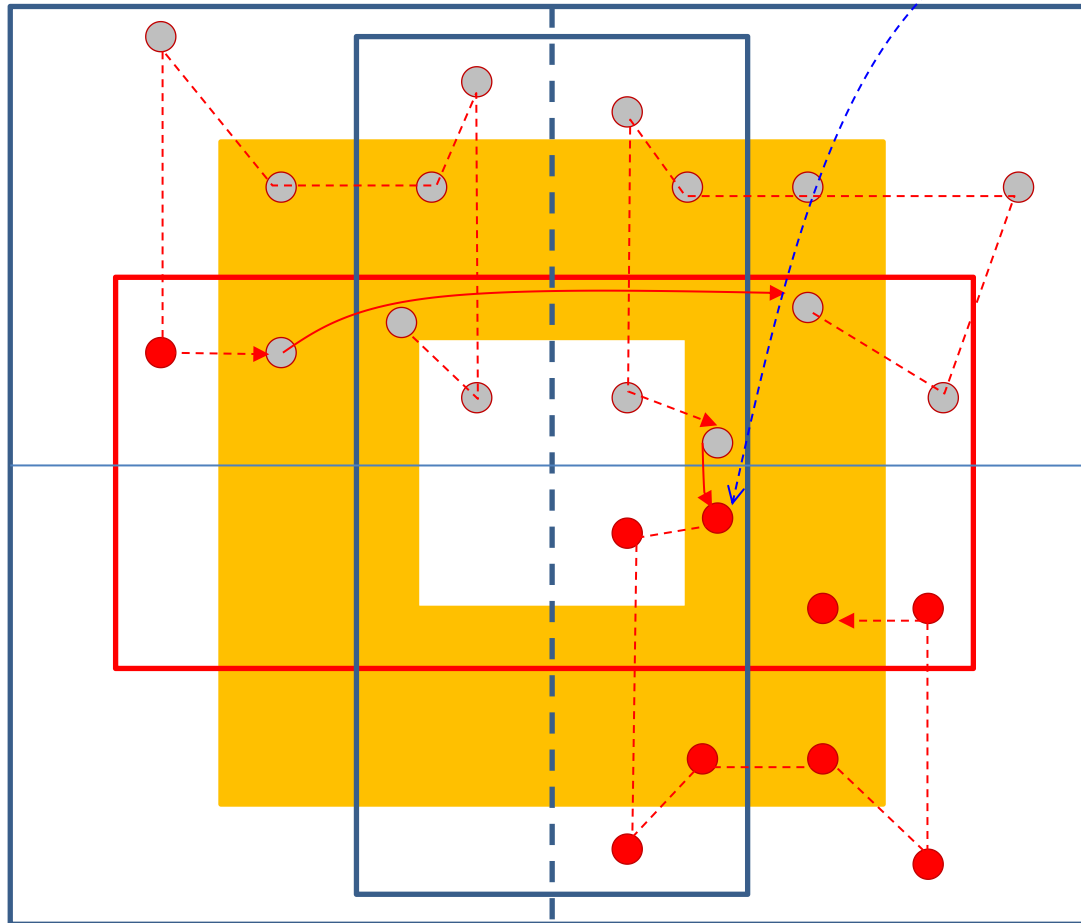
[illegible]

Fill diagram by set switchs once per turn (2)



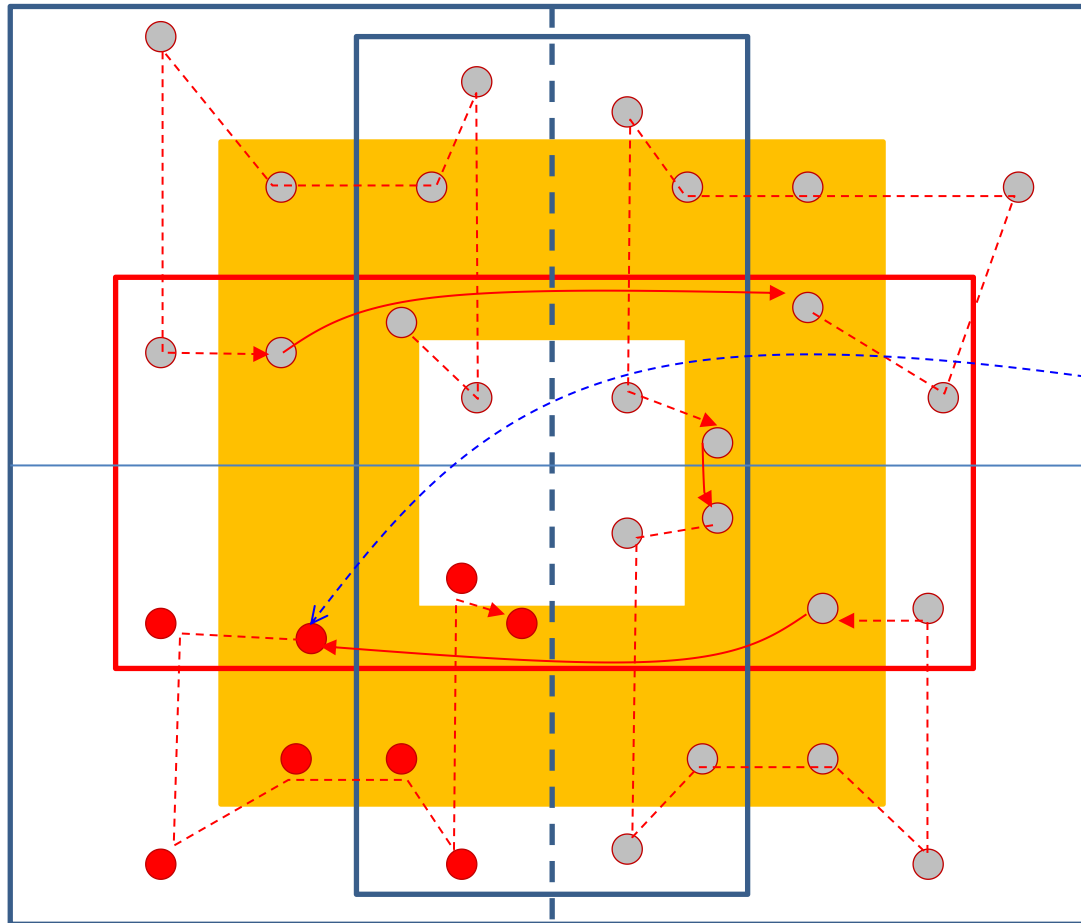
Statements	Statements
ABCDE	
ABCDE'	
ABCD'E'	
ABCD'E	
ABC'D'E	
ABC'D'E'	
ABC'DE'	
ABC'DE	
AB'C'DE	
AB'C'DE'	
AB'C'D'E'	
AB'C'D'E	
AB'CD'E	
AB'CD'E'	
AB'CDE'	
AB'CDE	

Fill diagram by set switches once per turn (3)



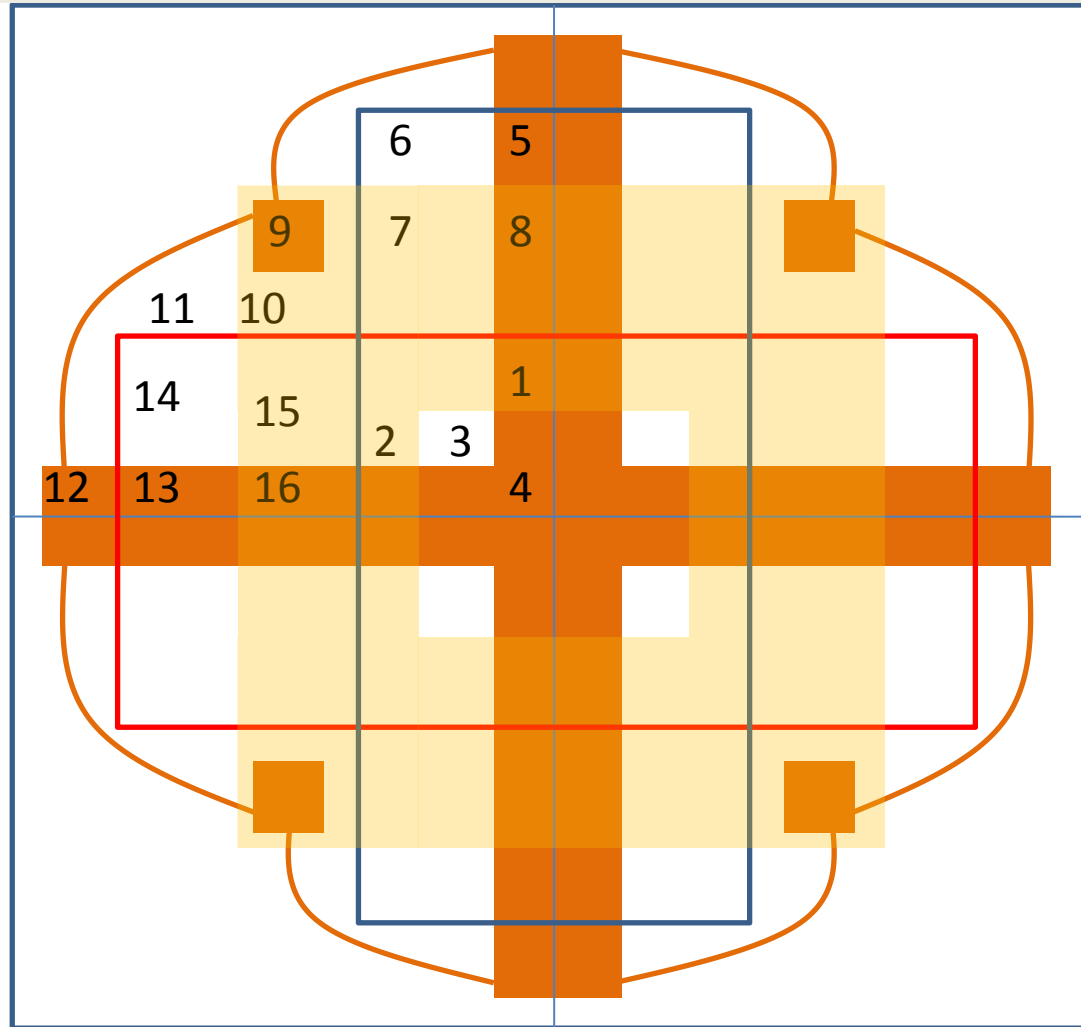
Statements	Statements
ABCDE	A'B'CDE
ABCDE'	A'B'CDE'
ABCD'E'	A'B'CD'E'
ABCD'E	A'B'CD'E
ABC'D'E	A'B'C'D'E
ABC'D'E'	A'B'C'D'E'
ABC'DE'	A'B'C'DE'
ABC'DE	A'B'C'DE
AB'C'DE	
AB'C'DE'	
AB'C'D'E'	
AB'C'D'E	
AB'CD'E	
AB'CD'E'	
AB'CDE'	
AB'CDE	

Fill diagram by set switches once per turn (4)



Statements	Statements
ABCDE	A'B'CDE
ABCDE'	A'B'CDE'
ABCD'E'	A'B'CD'E'
ABCD'E	A'B'CD'E
ABC'D'E	A'B'C'D'E
ABC'D'E'	A'B'C'D'E'
ABC'DE'	A'B'C'DE'
ABC'DE	A'B'C'DE
AB'C'DE	A'BC'DE
AB'C'DE'	A'BC'DE'
AB'C'D'E'	A'BC'D'E'
AB'C'D'E	A'BC'D'E
AB'CD'E	A'BCD'E
AB'CD'E'	A'BCD'E'
AB'CDE'	A'BCDE'
AB'CDE	A'BCDE

The six-sets logic diagram for item: {A, B, C, D, E, G}



ID	Statements
1	111111
2	111110
3	111100
4	111101
5	111001
6	111000
7	111010
8	111011
9	110011
10	110010
11	110000
12	110001
13	110101
14	110100
15	110110
16	110111

Structure of the diagram:

Based on the previous five-sets diagram. The sixth set G is the brown cross at the center with the four small squares at the four corners of set E.