

(2B)

(A5)

Alice: Bob is knave  
and Celia is knight

Bob: (If) Celia is a knight  
then Alice is a Knight

Celia: Neither Alice nor Bob are  
knights

	<u>A</u>	<u>B</u>	<u>C</u>
①	0	0	1
②	0	1	0
③	0	1	1
④	1	0	0
⑤	1	0	1
⑥	1	1	1

~~X~~  
~~X~~  
~~X~~  
~~X~~  
~~X~~

①  $\Rightarrow A = F, B = F, C = T$  X

②  $\Rightarrow A = F, B = T, C = F$  X

③  $\Rightarrow A = F, B = T, C = T$  X

④  $\Rightarrow A = T, B = F, C = T$  X

⑤  $\Rightarrow A = T, B = F, C = T$  X

⑥  $\Rightarrow A = T, B = T, C = T$  X