Worksheet Exercise 2.5.C.	Name	
Truth-tables for Validity	Class Date	

 $\textbf{Part C.} \ \, \textbf{Give complete truth-tables for the following arguments to determine whether they are valid. Label the columns as "aux," "prem," or "concl."$

1.	ABC
A ⊃ (B & C) ~C ⊃ ~B ~A	
∴ ~B	
arg is	
2.	EPU
E V ~P U V ~E ~U V ~E	
∴ ~(P & E)	
arg is	
3.	АВС
~(A ≡ B) B ≡ ~C	
∴ ~(A ≡ C)	
arg is	
4.	ABC
A ≡ (B & C) ~(A V ~C) ∴ ~B	
arg is	
	1

Ev	2		
CX.	۷.	Э.	L.

Name	/	
Maille	/	

5.	PTQ
P ⊃ T ~T ⊃ ~Q <u>~(~P &</u> ~Q)	
:. Т	
arg is	
6.	A B C
(AV~B)≡(C&B) C ⊃ ~A	
∴ ~A & B	
arg is	
7.	F G A M
F ⊃ (G & A) ~G V M	
∴ M V ~F	
arg is	

For problem #8, $\underline{\text{write one row}}$ of the table in which all the premisses are T and in which the conclusion is F.

8. $(M \supset S) \supset (N \& O)$, $\sim S$, $O \supset S$ /:. $\sim M$

MSNO	

The argument is _____.