

Worksheet Exercise 2.5.C.

Name _____

Truth-tables for Validity

Class _____ Date _____

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

1.	A B C	
$A \supset (B \& C)$		
$\sim C \supset \sim B$		
$\sim A$		
$\therefore \sim B$		
arg is _____		

2.	E P U	
$E \vee \sim P$		
$U \vee \sim E$		
$\sim U \vee \sim E$		
$\therefore \sim(P \& E)$		
arg is _____		

3.	A B C	
$\sim(A \equiv B)$		
$B \equiv \sim C$		
$\therefore \sim(A \equiv C)$		
arg is _____		

4.	A B C	
$A \equiv (B \& C)$		
$\sim(A \vee \sim C)$		
$\therefore \sim B$		
arg is _____		

