## Group 1: Entailment

Honor Notice:	omputing ID $\_\_\_$	
– Assemble into gr		
	oups of approximately 3.	
– Each person in e	ach group should have thei	r own paper.
– Put your name a	nd computing id at the top	of this page
guide there	www.cs.virginia.edu/ $\sim$ en	$ m 1007bf/cs2120/group1.html \ and \ follow \ the$
Problem 1: Identify $G$		
G =		
Problem 2: Identify F		
F =		
an	d	share fact
an	d	share fact
an	d	share fact

B	T	F	$\neg T$	$\neg B$	$\rightarrow$	$\neg F$	B	$\rightarrow$	$T_{-}$
0	0	0							
0	0	1							
0	1	0							
0	1	1							
1	0	0							
1	0	1							
1	1	0							
1	1	1							

Problem	5:	Show	$(B \to T) \land \neg T$	$\rightarrow \neg B \equiv \top$
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Problem 4:	Name the rule	

**Problem 6: Why does**  $(A \oplus B) \land B \vdash \neg A$ ?

Dno	hlom	Q.	Namo	tho	murderer	
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