1.1 Exercise. Chapter 1. Sentential Logic 1 Propositional Logic). Deduthe Reasoning & Logical Connectors. 2: It will rain comorrow P: There exist inifinite many nature numbers such that. n and n+2 are prime. S: It will snow tom. R or S ? It will rain or snow comorrow. Logical Connectors: or => V deny => 7. and => 1 RUS, RAS: -(RAS) = 72 V7S. Translate is Symbols: Either ... or ... V (same as or, but you know where es add a borcket). De Morgan's lun: ~ (RUS) = 72175. 35TL can be says as (3<TL) V (3=TL) 36 TUEY --- [(3(TL) V (3=TL)] / [(4>TL) V (4=TL)]. Well Formed Formula. e.g. TAPX PAUQ X IPAG X

The	twith	table						
P	G	PuQ	PAG.	<b>¬</b> P	762	7(PAG)	77476	
T	7	T	T	P	F	F	F	
T	7	T	F	F	7	T	T	
P	T	<del> </del>	F	T	F	T	7	
P	F	P	F.	1.		T		
					T	T		
=)	7 L PX G	2) = 7 P	V 7C2.	•				
Pv(	Pra)							
1								
T								
P								
=) PU	(PAQ)	Σ P ·						
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Open								
Open	0.2							