Me	Formal 2	0 h 011090	
1. Vocabulary.			
17 Sentence			
@ P, Q, A	e,,Z		
Ø P₁,			
Ø P≥,	, Z ₂		
20 Pr,	7,		
23 Connectiv	ves: 7 (not),,	Λ (and), V (or), -> Lif
then), =	- lif and o	alu of)	
	'	75 7	
as Parenthese	2g: (,)		
2. The Rules.			
	4		4
13 Overy Sen	lence letter 1	s a symbouc	sentence.
2) lf D' is	a symbolic	s a symbolic sentence, then	r so is NI
		and the	4
3) 87 LI OUNC	x 🛆 ave su	Imbolis sentence	s, then so is
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45 6 4 000	$t \geq we$ sy	mbolic sentences	e, were so us
[] V A			
5), 50	is TI -> A	,	
6), 50	is ' 🗆 🔷	۵ .	
$\rho.\alpha. \sim P$	Yes.	$(\sim P)$	No.
PAG		$(P \wedge Q)$	Yes.
	$Q) \rightarrow R$ No.		No.
			Yes.
$P \wedge G$	$Q \vee R$ No.		No.
$P \wedge ($	$Q \vee R$) No.	$((P \wedge Q) \vee R)$	Yes.

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	i	tion	•											
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		\mathcal{D}	P -	- (Z	ts	i	your	al	N	for	L	P->	(A)	
		(D) [P	(4)	VÅ			. 4	m //	PA	(Q)	J.K.)		
		(A)	D $^{\prime}$	(₍ ()	, D \			Ū Į,	or LL	4 / N) , , ,) 1)		
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	>	on	d <	» _.	,	,	V						,	
		\mathcal{D}	PA	R -	-> <i>K</i>	ξ.	• • • •	for	- [[PA	/ 0)-	-> J2)	
		0	$C \sim$	> 0	. D .	(I)		1	100		100	Dui))	
			7 ~	2 /0	YV	K		P	ۍ (<u>ز</u>	رب د د	100	PVK	()) ()	0 .
		3 (νPι	1S -	→ (Q1	vK		fo	r ll'	vPl	IS).	->((VN
		NR	2))						ı					
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									PAQ					
							1 .		VQ					
		(B) 1	PA	Q1/	vk.		for	lll	~P/	(Q)	121	ξ) —	>(LS/	1~
							1						vP)	1
													V I V	

1) $A \sim :$ the 'n' belongs on the left side of negated
2) (A): parentheses are only introduced when joing
two wff.
3) (A N): no wff at right side of N'.
4) (AAB) VC): missing parenthese

