2-2	NAME _	hey	DATE _	
2-2	Pra	actice		

Z- .	2) Pr	actice								
	Log	gi c						an	d	
		ring statem on. Then fi			oun	d stateme	ent for e	each conjun	ction	
		= 1 minute						1 1		
\uparrow q: Congruent supplementary angles each have a measure of 90.										
$\vdash r:-1$	2 + 11 <	-1								
1. p	$\wedge a$ (00	seconds	= 1 MM	rute and	Co	ngruen	1 Sup	plementer	y angles	
1.p/q 60 seconds = 1 Minute and Congruent supplementery angles (Pard q) each have a measure of 90 True! T 2.q Vr Congrent supplementery angles each have a measure of 90 or T 6-12 + 11 4-1 True										
7 2.9 Xr Congrent Supplementers angles each have a measure of 90 or										
(T)	F)-12	+11 4 -1	True	19			-			
3.~)	$p \lor q$ 60	seconds	7 Imino	te or co	ongra	event	Supplen	rentery o	ngles ear	4
		have a	measure	of 90 1	To	10	, .	4		
4.~	$p \wedge \sim r$	(-0 0-0	10 +1		1	ve !		5		
		Go. secon	es + ir	ninute	Cenc	1 -12 +	-11×	-1 1 ta	139	
Copy	and com	plete each	truth tab	le.			A	-		
5. 🗆				6.	18 K	2	7			
_	p q	~p ~q	~p \/ ~q		p	q ~p	~p \/ q	$p \land (\sim p \lor q)$		
	TT	FF	F		J. (TE	7	T		
	T F	FT	T	,	Τ.,	FF	F	F		
	FT	TF	T		F	TT	T	E		

Construct a truth table for each compound statement.

9. How many students work after school and on weekends?

10. How many students work after school or on weekends? $\gtrsim 5$

,	7. $q \vee ($	p / ~ c	i) A	8.	$\sim q \land$	(~p \	\sqrt{q}	111	-	n	7	
P	19	~9	[(p1~q)	9v (p1-9)		P	9	~p	1~q	~p+q	Bagn (rpvo
T	(T)	F	F	4		T	3T.	F	F	T.	F	
T	F	T	T	-		T	<f< th=""><th>F</th><th>T</th><th>F</th><th>BF</th><th>9</th></f<>	F	T	F	BF	9
F	T	F	F	1		F	5	T	BF	T.	SE	
F	F	T	F	F		F	F	T	2T	Tie	5.	
SCHOOL For Exercises 9 and 10, use the following information.												
The Venn diagram shows the number of students in the band who work after school or on the weekends. After School 3 Weekends 17									74			

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PERIOD _