22	
42	Def set G of formulas that use in {7, v}
	let 6 be the smallest set st!
	Basis 1 if a var 864
	Ind: If F, Fz&G then oF, F, VF, &G
	Prove 4F64 Formula F' st F' noc 24, 13 and FLERV F'
	Basis
	Let F=x, x is a var Consider F'=x, F' you in 2 <<, 13 (things)
<u></u>	Consider F = x, F. yellin Z ( yellin Z)
ſ	Ind
	Supp F, F2 EG and 3 formulas F, F2 that upc in 3 < 13 and
	FILERY F, and F2 LERV F2'
	(ase ) TI- E'EXIE'
	F=7F, Consider $F'=F'_1 \ll  F'_1 $
	FIJFIFICH FOR IN EX, 13 [IH]
	F'LEQUE CIF, [TW]
	LERV TF, by truth table
	LERV F as wanted
	VIOLOS IN place of
	Case 2 * Using < in place of $\ll$ $F = F, V F_2  \text{Consider}  F' = (F_2 < (F, ' <  F' ) <  F' )$
	F= F1 V F2 (onsider 1 - [F2 (F1 \ III) \ II \ I
	F, F2 F, VF2 (F2<(F, < 1F, 1)< 1F,
	1, F2 F, V F2 (F2 < [F, X]F, I] < [F, X] F, II = [F
· · · · · · · · · · · · · · · · · · ·	0 1 0 1 1
	0 0 1
	The second of th
-	F' uoc in 3 5, 13 [IH], F' LEQV (F2 < (F, < 1F, )) < 1F, [IH]
	Since 37.43 is complete LERV F as wanted
•	Since 27, v3 is complete LERV F as wanted so is 24, 13 10
	20 10 / 10 10