		Anthony Jones
1.	a) TAT = T (Sorry Fox letters) TAF = F TATATATAF = F	
	6) (TRUE) = FALSE FALSE V TRUE = TRUE)	
	C) (TRUE V TRUE) = TRUE TTRUE = FALSE (FALSE)	
	d) (From C) TRUE UTRUE = TRUE	
	TRUE / FALSE = (FALSE)	
	e) (TRUE)	
	d) does not matter because the and operator will always ripple false for the expression	

-> TRUE NTRUE A FASE

TRUE A FALSE

= TRUE / (TRUE / FAUSE)

Homework 5

Anthor

2. Prove (XMy) V(XM-14) = X

X	4	74	XAY	XA74	(KNY) V (KN77)
T	T	F	T	=	T
T	F	T	F	T	T
F	T	F	F	F	F
F	F	T	1 =	F	F

The columns for (XMY) V(XMTy) and X are the same, and
therefore they are logically
equivalent.

3. Prove (XVY) -> = (X-> Z) / (y-> Z)

	,							\	
	X	4	71	XVY	(XVY) > Z	メウモ	ひから	• • •	
_	T	T	T	T		T	7	意工業	
	T	T	F	T		F	F	F	- Charge
	7	F	TT	7		T	T	T	of the second
	T	F	F	T	F	F	1 T	F	O'Cheer
	F	17	TT	T	一種	17	Τ	T	and the same
	F	T	F	T	F	T	F	F	
_	F	F	T	F		1	IT	T	
	F	TF	IF	I F	INT	LI	IT	T.	1.
-	-	1,2-1,2-1,2-1,2-1,2-1,2-1,2-1,2-1,2-1,2-					1		

The columns for (xvy) >> = and (x>=) \((y>=) \) are the same, and therefore they are logically equivalent.

	Hanework 5	Anthon
1)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Zones
	a) $(xyy)\Lambda(xy-y)\Lambda - X = F$	
	X 4 7X -9 XV4 XV-4 a 16 1-	X
	TTFFF	
	TFFTF	
	FTF F	
	FIFITIF F	
	The deland in the second in	
	The statement is a contradiction to He column is all FALSE.	vecaue
	THE CONCESSION IS CONTINUED.	
	6) X 1 (x > y) 1 (-74)	
	X 4 74 X 3 X X (X > 4) 1 (74)	
	TIFIT	
	F F T T T =	
	The Statement is a wontradiction	
	because its column is all FALSI	
	A () () () () () () () () () (
	c) (x +y) / ((1x) +y) / 74	
	X 1 1 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 U
	二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十	
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	FITTFITE	The second section of the second section of the second section is a second section of the second section is a second section of the second section is a second section of the second section of the second section is a second section of the second section of the second section is a second section of the sectio
	FFTTTF	The same transfer and
	> contradiction	
9	7	And the second of the second s