Quiz # 2

Name:	rev

## You must show your work to get full credit.

1. Make a truth table for  $p \wedge \sim (q \vee r)$ .

P8 T	gur	1~ (9VV)	pr-1811)
TTT	T	F	C
The state of the s	T		F
The state of the s	1	F	
The form	F	T,	T
FTT	1	(miles)	F
FTE	T		F
FET	T	The same of the sa	F
FFF	F	Construction of the Constr	

**2.** Make a truth table for  $p \wedge \sim q \wedge \sim r$ .

1.0	1 1			
pgr	~ 8	1 ~ 1	panga	AV
TTT	F	F		
TT	F	T	=	
TET	T	E	F	
Louis Louis	7	T	T	
The True organic		F		
Contract of the contract of th	F	T		
Fin Financia	7	F		
Jacobson frances formation	T	7		
A / / / / / / / / / / / / / / / / / / /				

3. Are  $p \wedge \sim (q \vee r)$  and  $p \wedge \sim q \wedge \sim r$  logically equivalent? Write a sentence or two explaining why or why not.

Tes they are logically equichest. Because they have the same truth values (some T, F values in fruth table.)