

Math 1303 - Math in the Liberal Arts

Quiz #2 - 2014.08.27

Solutions

Construct a truth table for the following statement: $[(p \vee \sim q) \wedge (\sim q \vee r)] \vee p$

p	q	r	$\sim q$	$p \vee \sim q$	$\sim q$	$\sim q \vee r$	$(p \vee \sim q) \wedge (\sim q \vee r)$	$[(p \vee \sim q) \wedge (\sim q \vee r)] \vee p$
T	T	T	F	T	F	T	T	T
T	T	F	F	T	F	F	F	T
T	F	T	T	T	T	T	T	T
T	F	F	T	T	T	T	T	T
F	T	T	F	F	F	T	F	F
F	T	F	F	F	F	F	F	F
F	F	T	T	T	T	T	T	T
F	F	F	T	T	T	T	T	T