

Math 2283 - Introduction to Logic

Quiz #7 - 2012.09.07

Solutions

1. Construct a truth table for the sentence: $(p \rightarrow q) \leftrightarrow (\sim p \vee q)$

p	q	$p \rightarrow q$	$\sim p$	$\sim p \vee q$	$(p \rightarrow q) \leftrightarrow (\sim p \vee q)$
T	T	T	F	T	T
T	F	F	F	F	T
F	T	T	T	T	T
F	F	T	T	T	T