

Study Unit 10

Activity 10-4

Prove by means of truth tables that $\neg (p \wedge q) \equiv (\neg p) \vee (\neg q)$.

p	q	$\neg p$	$\neg q$	$p \wedge q$	$\neg (p \wedge q)$	$(\neg p) \vee (\neg q)$
T	T	F	F	T	F	F
T	F	F	T	F	T	T
F	T	T	F	F	T	T
F	F	T	T	F	T	T