

## Study Unit 10

### Activity 10-5

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

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