

TRUTH TABLE RULES

Negation:

p	$\sim p$
T	F
F	T

Conjunction:

p	q	$p \& q$
T	T	T
T	F	F
F	T	F
F	F	F

Disjunction:

p	q	$p \vee q$
T	T	T
T	F	T
F	T	T
F	F	F

Conditional

p	q	$p \rightarrow q$
T	T	T
T	F	F
F	T	T
F	F	T

Biconditional:

p	q	$p \leftrightarrow q$
T	T	T
T	F	F
F	T	F
F	F	T