

AND

P	Q	$P \wedge Q$
T	T	T
T	F	F
F	T	F
F	F	F

OR

P	Q	$P \vee Q$
T	T	T
T	F	T
F	T	T
F	F	F

NOT

P	Q	$\neg P$	$\neg Q$
T	T	F	F
T	F	F	T
F	T	T	F
F	F	T	T

XOR

P	Q	$P \oplus Q$
T	T	F
T	F	T
F	T	T
F	F	F