

TEST 1 FORMULAS

Truth Values:

p	$\sim p$
T	F

p	q	$p \wedge q$
T	T	T

p	q	$p \vee q$
F	F	F

p	q	$p \rightarrow q$
T	F	F

DeMorgan's Laws: For Logic: $\sim(p \wedge q) \equiv \sim p \vee \sim q$ and $\sim(p \vee q) \equiv \sim p \wedge \sim q$