

Keys:

Negation

Conjunction

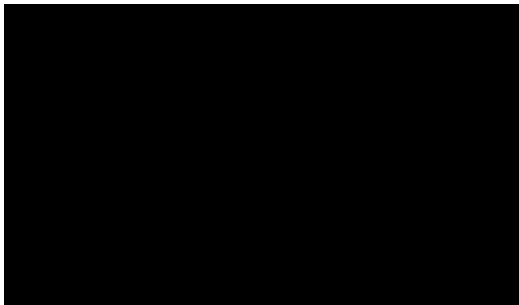
Disjunction

Implication



Complete the following truth tables for the compound statements listed.

1. $p \wedge (q \vee \sim r)$



2. $(p \vee q) \rightarrow r$

p	q	r	$p \vee q$	$(p \vee q) \rightarrow r$

3. $(p \wedge r) \rightarrow (q \vee \sim r)$

p	q	r	$p \wedge r$	$\sim r$	$q \vee \sim r$	$(p \wedge r) \rightarrow (q \vee \sim r)$

4. $p \vee \sim (q \vee r)$ (make your own table!!)