

## Truth Tables

$P$	$Q$	$P \vee Q$

$P$	$Q$	$P \wedge Q$

$P$	$\sim P$

$P$	$Q$	$P \implies Q$

$P$	$Q$	$P \iff Q$

$P$	$\sim P$	$P \wedge (\sim P)$

$P$	$\sim P$	$P \vee (\sim P)$

$P$	$\sim P$	$P \implies (\sim P)$

$P$	$Q$	$\sim P$	$(\sim P) \vee Q$	$P \implies Q$

$P$	$Q$	$\sim P$	$\sim Q$	$P \implies Q$	$(\sim Q) \implies (\sim P)$