

## Name in English

# Construct Truth Tables

Copy and complete each truth table.

1.

$p$	$q$	$\sim p$	$\sim p \wedge q$
T	T		
T	F		
F	T		
F	F		

2.

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

Construct a truth table for each compound statement.

3.  $\sim p \vee \sim q$

$p$	$q$	$\sim p$	$\sim q$	$\sim p \vee \sim q$

4.  $\sim(p \wedge \sim q)$

$p$	$q$	$\sim q$	$(p \wedge \sim q)$	$\sim(p \wedge \sim q)$