

Math Sheet

Name _____ Score _____ / 4 Teacher _____ Date _____

Complete Truth Tables

Complete each truth table for the compound proposition.

T = True; F = False

1. $(\neg(p) \vee q)$

p	q	$\neg(p)$	$(\neg(p) \vee q)$

2. $(\neg(p) \oplus \neg(q))$

p	q	$\neg(p)$	$\neg(q)$	$(\neg(p) \oplus \neg(q))$

3. $(p \oplus q)$

p	q	$(p \oplus q)$

4. $(p \leftrightarrow q)$

p	q	$(p \leftrightarrow q)$