

Conditionals [asks for Logic Table] Word Problems - Matching Worksheet

Match the truth tables to the statements.

1. Make a truth table for the statements:

_____ $\sim U \rightarrow V$

a.

P	Q	$\sim P$	$\sim Q$	$\sim P \rightarrow \sim Q$
T	F	F	T	T
T	T	F	F	T

2. Make a truth table for the statements:

_____ $K \rightarrow (\sim L)$

b.

U	V	$\sim U$	$\rightarrow V$
F	F	T	F
T	F	F	T

3. Make a truth table for the statements:

_____ $\sim P \rightarrow \sim Q$

c.

W	X	$\sim W$	$\rightarrow X$
T	T	F	T
T	F	F	F

4. Make a truth table for the statements:

_____ $\sim W \rightarrow X$

d.

M	N	$\sim N$	$M \rightarrow (\sim N)$
T	F	T	T
T	F	T	T

5. Make a truth table for the statements:

_____ $M \rightarrow (\sim N)$

e.

K	L	$\sim L$	$K \rightarrow (\sim L)$
F	T	F	T
T	T	F	T

