

1. Determine combinations of p and/or q resulting in the other columns of the Truth Table
 For example, A could be $q \vee \neg q$

p	q	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	R
1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0
1	0	1	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0
0	1	1	1	0	0	1	1	0	0	1	1	0	0	1	1	0	0
0	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0

- A _____
- B _____
- C _____
- D _____
- E _____
- F _____
- G _____
- H _____
- I _____
- J _____
- K _____
- L _____
- M _____
- N _____
- O _____
- R _____

2. What is the hierarchy of operators among \wedge , \vee , \rightarrow , and \leftrightarrow ? Cite your source.
3. Give an expression equivalent to $p \rightarrow q$ which doesn't use " \rightarrow " (implication).