

Build the truth table for the sentence: $p \rightarrow (q \wedge r) \vee p \leftrightarrow q$

p	q	r	$q \wedge r$	$p \rightarrow (q \wedge r)$	$p \leftrightarrow q$	$p \rightarrow (q \wedge r) \vee p \leftrightarrow q$
0	0	0	0	1	1	1
0	1	0	0	1	0	1
1	0	0	0	0	0	0
1	1	0	0	0	1	1
0	0	1	0	1	1	1
0	1	1	1	1	0	1
1	0	1	0	0	0	0
1	1	1	1	1	1	1