

Complete the truth table for the logical expression NOT (A OR B). (2)

A	B	A OR B	NOT (A OR B)
0	0		
0	1		
1	0		
1	1		

Complete this truth table.

(2)

A	B	C	(A AND B)	(NOT C)	(A AND B) OR (NOT C)
0	0	0			
0	0	1			
0	1	0			
0	1	1			
1	0	0			
1	0	1			
1	1	0			
1	1	1			

ANSWERS

A	B	A OR B	NOT (A OR B)
0	0	0	1
0	1	1	0
1	0	1	0
1	1	1	0

A	B	C	(A AND B)	(NOT C)	(A AND B) OR (NOT C)
0	0	0	0	1	1
0	0	1	0	0	0
0	1	0	0	1	1
0	1	1	0	0	0
1	0	0	0	1	1
1	0	1	0	0	0
1	1	0	1	1	1
1	1	1	1	0	1