

Sheet1

	A	B	C	D
1				
2	p	q	p and q	
3	TRUE	TRUE	TRUE	=AND(A3,B3)
4	TRUE	FALSE	FALSE	=AND(A4,B4)
5	FALSE	TRUE	FALSE	=AND(A5,B5)
6	FALSE	FALSE	FALSE	=AND(A6,B6)
7				
8				
9	p	q	p or q	
10	TRUE	TRUE	TRUE	=OR(A10,B10)
11	TRUE	FALSE	TRUE	=OR(A11,B11)
12	FALSE	TRUE	TRUE	=OR(A12,B12)
13	FALSE	FALSE	FALSE	=OR(A13,B13)
14				
15				
16	p	~p		
17	TRUE	FALSE	=NOT(A17)	
18	FALSE	TRUE	=NOT(A18)	