

01.1 Complete the truth table for the XOR logic gate

[2 marks]

A	B	A XOR B
0	0	
0	1	
1	0	
1	1	

01.2 State the name of the logic gate represented by the following truth table

[1 mark]

Input A	Input B	Output
0	0	0
0	1	0
1	0	0
1	1	1

Name of logic gate:

01.3 Which logic gates are represented by the following expression:

[2 marks]

$$\overline{(A \oplus B)}$$

.....

01.4 State what a NOT gate does

[1 mark]

.....
