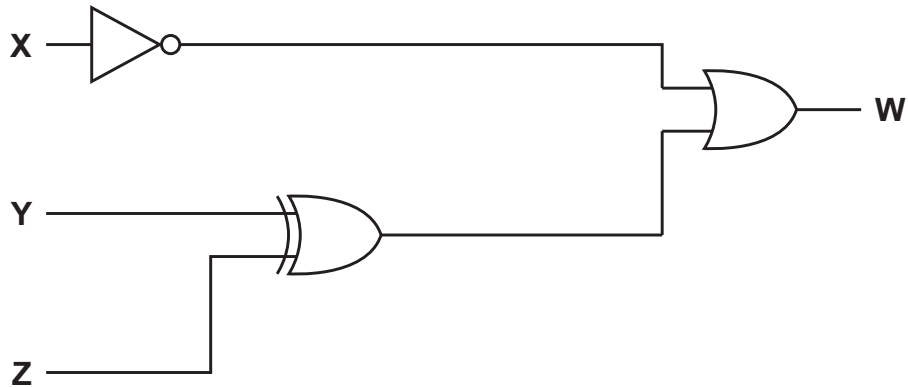


7 Consider the logic circuit:



(a) Write a logic expression for the given logic circuit. Do **not** attempt to simplify the logic expression.

W =

..... [3]

(b) Complete the truth table from the given logic circuit.

X	Y	Z	Working space	W
0	0	0		
0	0	1		
0	1	0		
0	1	1		
1	0	0		
1	0	1		
1	1	0		
1	1	1		