Name:		ID		Class:		Date:	

ELEC 808
Class work 4 - Sum of product

Q1: From the truth table below, answer the following questions:

a) Write an SOP expression for this truth table.
b) Draw a gate circuit diagram corresponding to that SOP expression found in <u>question a)</u>.

Note: A, B, C are the inputs of the circuit, Y is the output.

<u>Boolean expression 4.5 marks - each 1.5 marks</u>
Drawing   5.5 marks

Truth table:

A	B	C	Y
0	0	0	0
0	0	1	0
0	1	0	1
0	1	1	1
1	0	0	0
1	0	1	0
1	1	0	0
1	1	1	1

LIVEWORKSHEETS