SUM of PRODUCTS

Col. 1		Col. 2

Col. 1	Col. 2
(2) 010 ✓	(2,3) 01-
(4) 100 ✓	(4,5) 10-
(3) 011 ✓	
(5) 101 ✓	

	2	3	4	5	
(2,3)	x	x			
(4,5)			x	x	

Make Equation

(2,3)	01-	$\overline{A}.B$
(4,5)	10-	$A.\overline{B}$

y = A'B + AB'

A $\overline{A}$ B $\overline{B}$ C $\overline{C}$

A $\overline{A}$ B $\overline{B}$ C $\overline{C}$
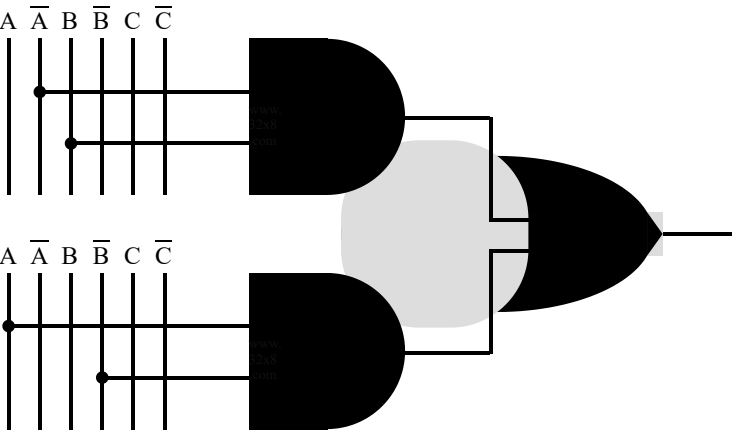
Truth Table

	A	B	C	Y
0	0	0	0	0
1	0	0	1	0
2	0	1	0	1
3	0	1	1	1
4	1	0	0	1
5	1	0	1	1
6	1	1	0	0
7	1	1	1	0