

- 6.6 Perform two-level logic size optimization for the function $F(a, b, c) = a'b'c + abc$, assuming that input combinations $a'bc$ and $ab'c$ can never occur (those two minterms represent don't cares). Express the answer as sum-of-products.

		bc			
		00	01	11	10
a	0	0	1	x	0
	1	0	x	1	0

$$F(a,b,c) = c$$