

Minimize:

$$F = ab'c + abc' + abc$$

$$(a = a + a)$$

$$F = ab'c + abc' + abc + abc \quad \text{Step 1}$$

$$F = ab'c + abc + abc' + abc \quad \text{Step 2}$$

$$F = a(b' + b) + ab(c' + c) \quad \text{Step 3}$$

$$F = ac(1) + ab(1) \quad \text{Step 4}$$

$$F = ac + ab \quad \text{Step 5}$$