

2.37 Use algebraic manipulation to minimize the equation obtained in Exercise 2.36

$$F = a'b'c + a'bc' + a'bc + ab'c + abc' + abc$$

$$F = a'(b'c + bc' + bc) + a(b'c + bc' + bc)$$

$$F = a'(b'c + b(c' + c)) + a(b'c + b(c' + c))$$

$$F = a'(b'c + b) + a(b'c + b)$$

$$F = (a' + a)(b'c + b)$$

$$F = b'c + b$$