توابع زیر را با استفاده از K-Map ساده کنید.

F(A,B,C) = A’BC’ + AC’

F(A,B,C) = (X + Z)(X + XZ’) + XY + Y

F(A,B,C) = A’(A + BC) + (AC + B’C)

F(x,y,z) =x’yz + xy + xy’z’

F(x,y,z) = x+x’y’z+yz

F(A,B,C) = Σ (1,3,5,6,7).

F(A,B,C) = ∏M(0,2,4,5,7)

F ( A, B , C, D ) = ΠM ( 2, 3, 6, 7, 8, 9, 10 , 11, 12, 13, 14 )

F(A,B,C,D)=Σm(1,3,5,6,7,11,13,14)

F(A,B,C,D)=Σm ∑(0, 3, 4, 5, 7, 11, 13, 15)

F(A,B,C,D)=∑m(0, 1, 3, 4, 5, 7, 8, 9, 11, 12, 13, 15)

F(A,B,C,D)=Σm(1, 3, 4, 8, 10, 13) + d(2, 5, 7, 12)

F(A, B, C, D) =∑m(0 1, 2, 3, 4, 5) + d(10, 11, 12, 13, 14, 15)