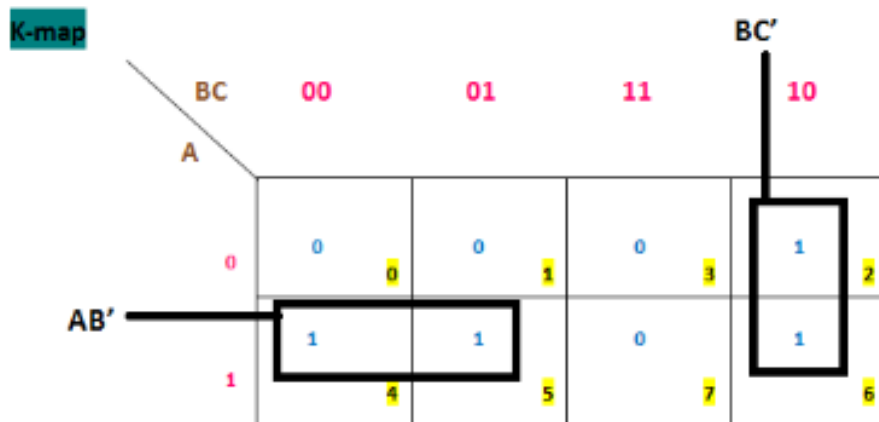
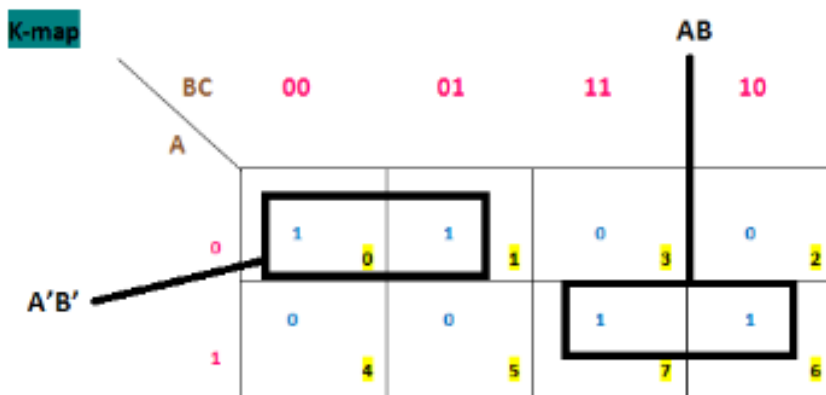


1. SOP form, $Z = \sum A,B,C(2, 4, 5, 6)$
a. K-map



- b. Sum the product terms
Final expression: $F(A, B, C) = AB' + BC'$
-

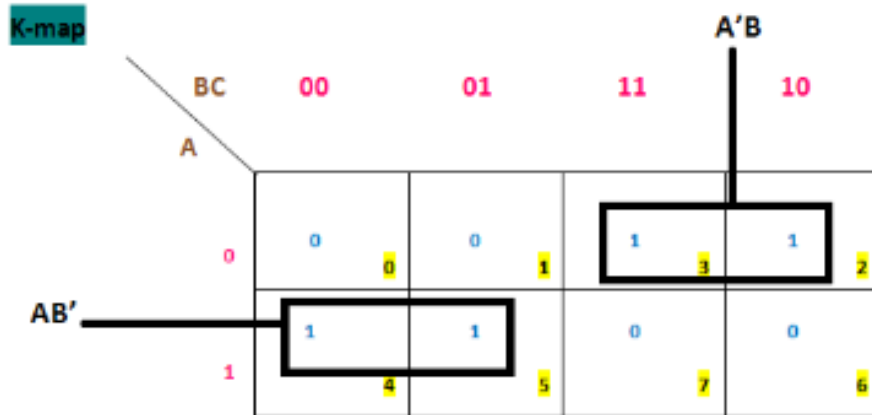
2. SOP form, $Z = \sum A,B,C(0, 1, 6, 7)$
a. K-map



- b. Sum the product terms
Final expression: $F(A, B, C) = A'B' + AB$
-

3. SOP form, $Z = \sum A,B,C(2, 3, 4, 5)$

a. K-map

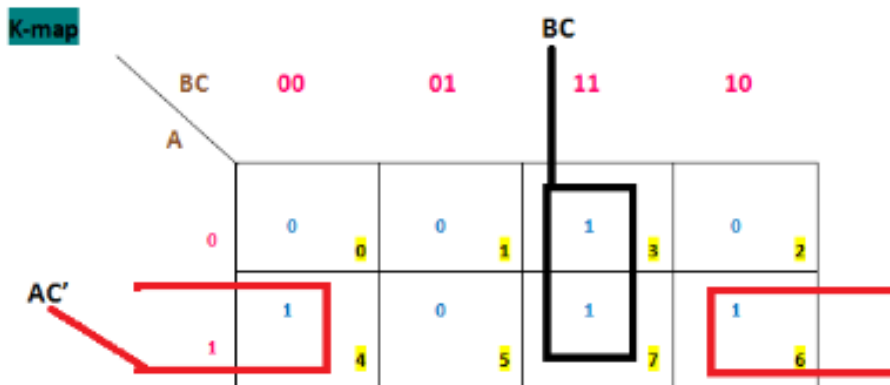


b. Sum the product terms

Final expression: $F(A, B, C) = AB' + A'B$

4. SOP form, $Z = \sum A,B,C(3, 4, 6, 7)$

a. K-map



b. Sum the product terms

Final expression: $F(A, B, C) = AC' + BC$