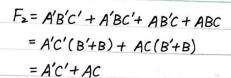
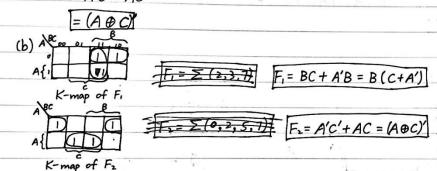
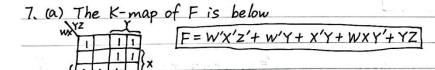
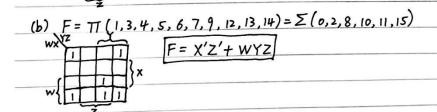
= bd

4.	a) (a+c)(a'+b+c)(a'+b'+c) = (a+c)(a'+bb'+c)
	= (a+c)(a'+c)
	= (a+a')c
	[= C] Only 1 literal.
(b) F = a'b'c' + a'b'c + a'bc' + a'bc + ab'c
	= a'(b'c'+b'c+bc'+bc) + a'b'c+ab'c
	$= \alpha'(b+b')(c+c') + (\alpha'+a)b'c$
	= a'+b'c Has 3 literals
5. W	F = (a+a')b(c+c')d + a(b+b')cd' + ab'c(d+d') + a'(b+b')c'(d+d')
	= a'b'c'd' + a'b'c'd + a'bc'd' + a'bc'd + a'bcd' + ab'cd' + ab'c
	+ abcd'
· ·	$= \sum (0,1,4,5,6,10,11,12,14)$ (som)
1.0	2 (0,1,4,5,0), (0,11,12,14) (3011)
.*.	And then $F = T(2,3,7,8,9,13,15)$ (pom)
(b)	
(b)	And then $F = TT(2,3,7,8,9,13,15)$ (pom) $F = (x'+yy'+z)(x'+y+zz')$
(b)	And then $F = TT(2,3,7,8,9,13,15)$ (pom) $F = (x'+yy'+z)(x'+y+zz')$ $= (x'+y+z)(x'+y'+z')(x'+y+z')$
(b)	And then $F = TT(2,3,7,8,9,13,15)$ (pom) $F = (x'+yy'+z)(x'+y+zz')$ $= (x'+y+z)(x'+y'+z')(x'+y+z')$ $= TT(4,5,7) (pom)$
(Ь)	And then $F = TT(2,3,7,8,9,13,15)$ (pom) $F = (x'+yy'+z)(x'+y+zz')$ $= (x'+y+z)(x'+y'+z')(x'+y+z')$
	And then $F = TT(2,3,7,8,9,13,15)$ (pom) $F = (x'+yy'+z)(x'+y+zz')$ $= (x'+y+z)(x'+y'+z')(x'+y+z')$ $= TT(4,5,7) (pom)$
	And then $F = TT(2,3,7,8,9,13,15)$ (pom) $F = (x'+yy'+z)(x'+y+zz')$ $= (x'+y+z)(x'+y'+z')(x'+y+z')$ $= TT(4,5,7) (pom)$ And then $F = \Sigma(0,1,2,3,6)$ (som)
	And then $F = TT(2,3,7,8,9,13,15)$ (pom) $F = (x'+yy'+z)(x'+y+zz')$ $= (x'+y+z)(x'+y'+z')(x'+y+z')$ $= TT(4,5,7) (pom)$ And then $F = \Sigma(0,1,2,3,6)$ (som) $F_1 = A'BC' + A'BC + ABC$
	And then $F = TT(2,3,7,8,9,13,15)$ (pom) $F = (x'+yy'+z)(x'+y+zz')$ $= (x'+y+z)(x'+y'+z')(x'+y+z')$ $= TT(4,5,7) (pom)$ And then $F = \Sigma(0,1,2,3,6)$ (som) $F_1 = A'BC' + A'BC + ABC$ $= A'BC' + A'BC + A'BC + ABC$

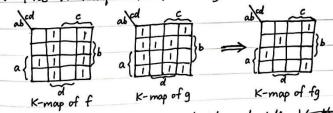




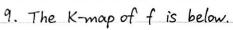


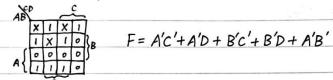


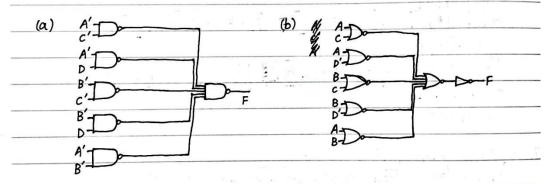
8. The K-map of f and g are below, so we can get the K-map of fg.



Hence, fg = b'cd' + a'bc'd + abc'd' = b'cd' + (a'+a)bc'd = b'cd' + bc'd(a'd + ad')







F = ((A'C')'(A'D)'(B'C')'(B'D)'(A'B')')'	== ((A+c)'+ (A+D')'+ (B+C)'+ (B+D')'+ (A+B)')'
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Light ! .