Problem 1
Implement the following functions using a PLE.

$F_1 = \sum m\ (0,2,5,7,8,10,12,13)$

$F_2 = \sum m\ (0,2,4,5,6,8,10,13,15)$

$F_3 = \sum m\ (1,2,3,5,7,9,10,11,13,15)$

Problem 2
Repeat problem 1 for a PAL. (You must simplify your answer)

Problem 3
Repeat problem 1 for a PLA. (You must simplify your answer)
Note: you may download blank PLD sheets from
http://www.engr.newpaltz.edu/~bai/EGC220/PLD_symbl.pdf and mark programmable

cell with $\times$ and fixed cell with ■.