

Name:

Grade:

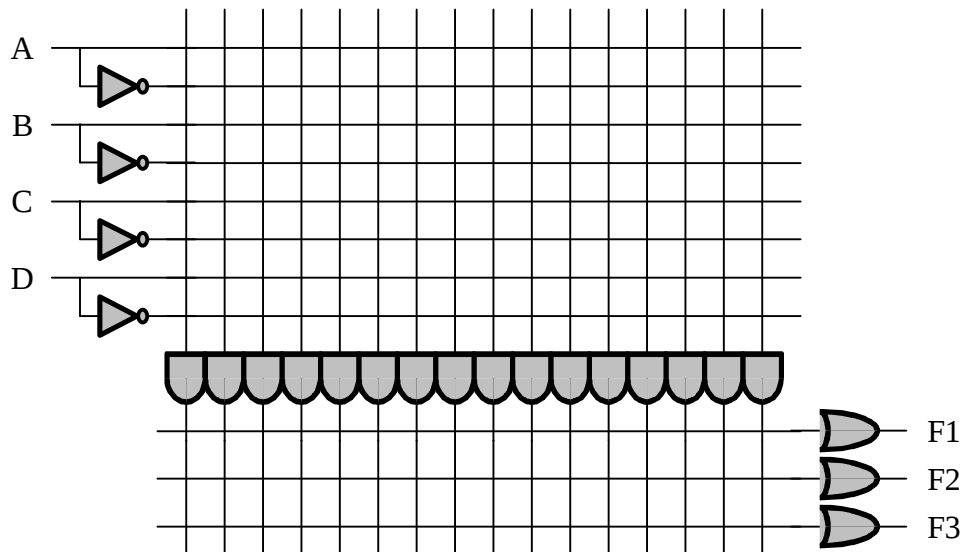
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- [10] 1) Implement the following three functions using a minimum PLA. Make sure you pay attention to all labeled inputs and outputs.

$$F1(A,B,C,D) = \overline{B} \overline{C} \overline{D} + AD + \overline{A} B + \overline{A} \overline{B} C \overline{D}$$

$$F2(A,B,C,D) = \sum m(4,5,9,10,11) + \sum d(0,6,7,13)$$

$$F3(A,B,C,D) = \prod M(1,2,3,5,6,8,10,12,13,14)$$



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