

# In-class Exercise 3

(PAR 7)

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- Given  $F(a, b, c, d) = \sum m(0, 1, 5, 7, 13, 15)$ 
  - Use Quine McCluskey to minimize  $F(a, b, c, d) = \sum m(0, 1, 5, 7, 13, 15)$
  - Starting from the prime implicants chart, use Petrick's method to find the minimum cover