

- 2) Simplify the following Boolean functions in sum-of-products, using K-maps:
- a) $F(w, x, y, z) = \sum (1, 4, 5, 6, 12, 14, 15)$
- b) $F(A, B, C, D) = \Sigma(0, 1, 2, 4, 5, 7, 11, 15)$
- c) $F(w, x, y, z) = \Sigma (2, 3, 10, 11, 12, 13, 14, 15)$
- d) $F(A, B, C, D) = \Sigma (0, 2, 4, 5, 6, 7, 8, 10, 13, 15)$









