

Computer Architecture

Tutorial 1 – Boolean Algebra

- 1) Write the Truth Table for the following Boolean expression: $R = A \cdot B + C'$
- 2) Simply the following Boolean Expressions to its simplest form
 - a) $R = A + A' \cdot B$
 - b) $R = A \cdot (A' + B)$
 - c) $R = (A + C) \cdot (A \cdot D + A \cdot D') + A \cdot C + C$