Name_____ **Student ID**_____ **Colleges & Schools**_____ **Department**_____
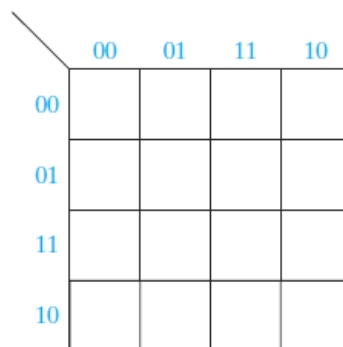
Quiz Unit 5

1. Simplify the following expression first by using a map and then by using Boolean algebra. Use the Karnaugh map as a guide to determine which theorems to apply to which terms for the algebraic simplification.

$$F = a'b'c' + a'c'd + bcd + abc + ab'$$

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