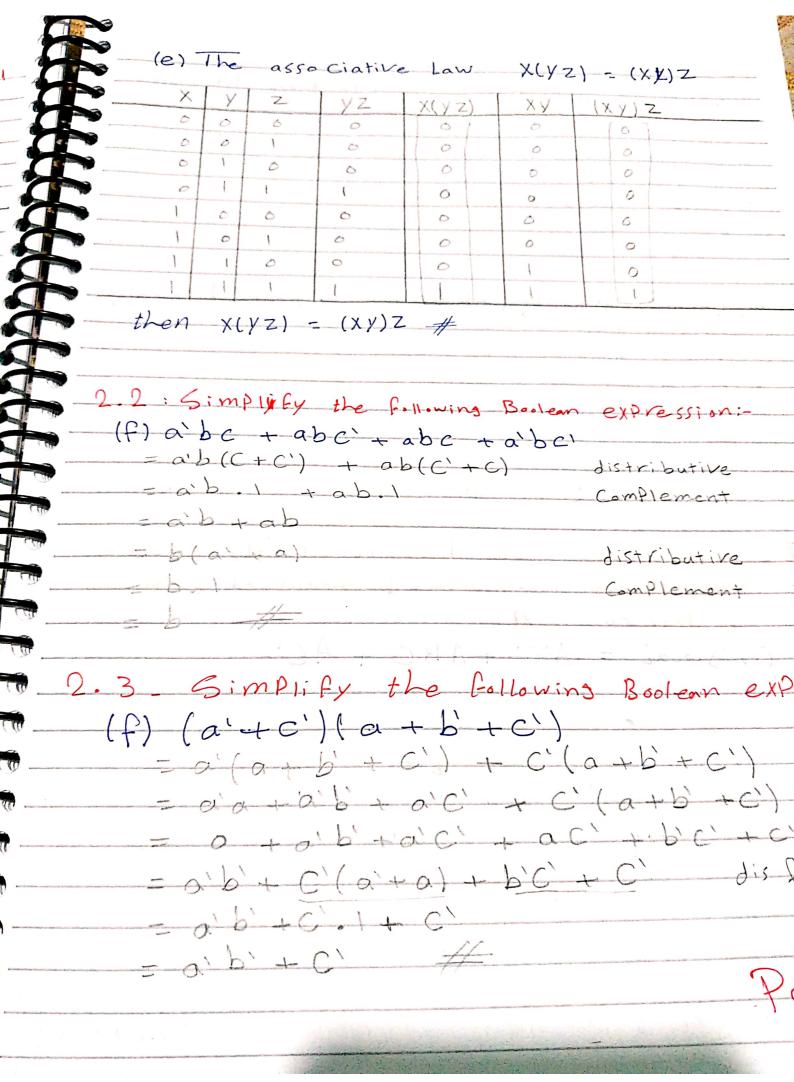
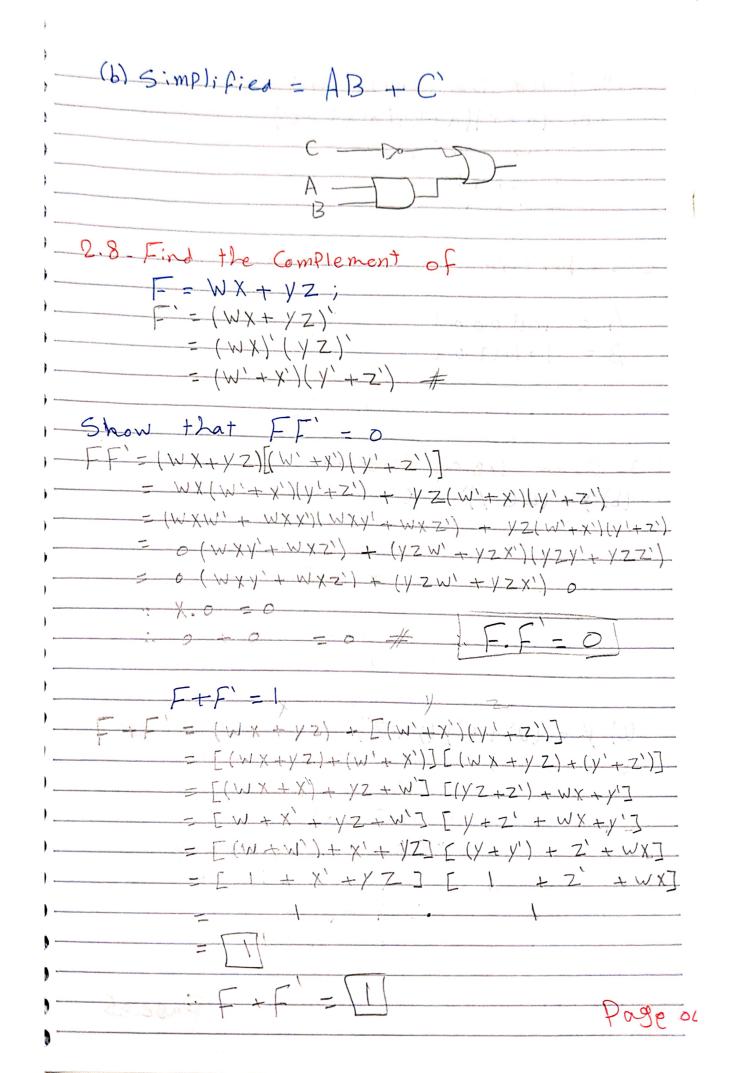
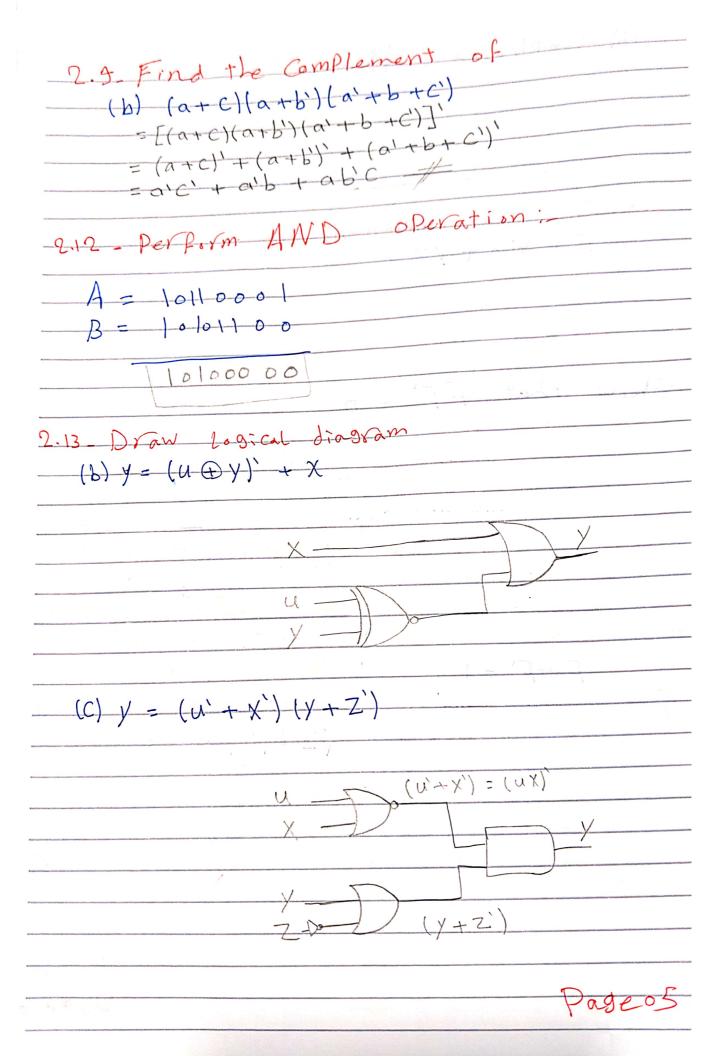
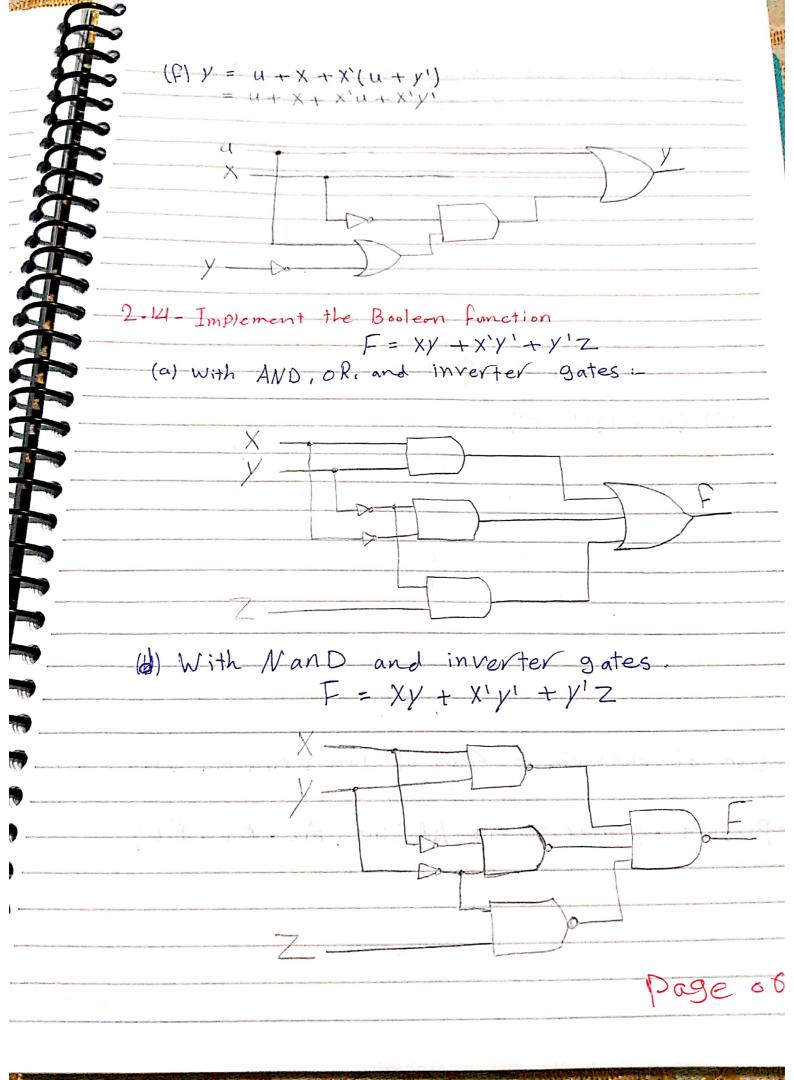
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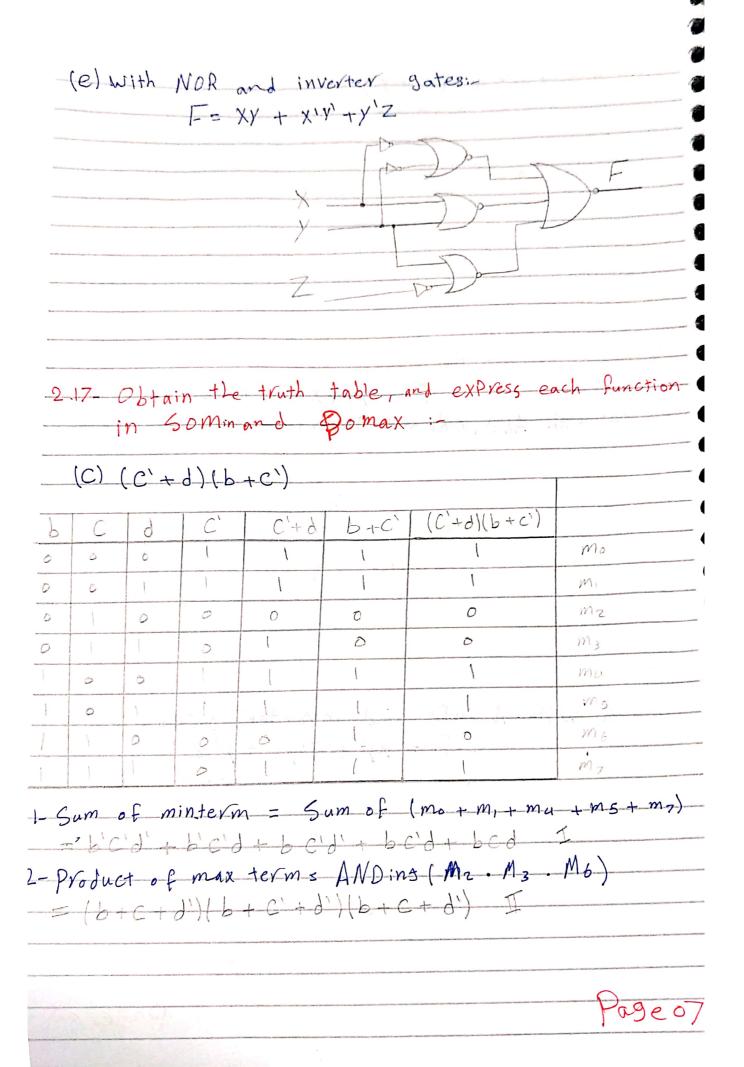


2.4. Reduce the Collowing (to three literals) (a) A'C' + ABC + AC' = C'(A'+A) + ABC = C'. I + AB C = C'+(ABC) = (A+C')(B+C')(C+C') = (A+c')(B+c').1 = C'+AB = AB + C) -# (d) (A'+c) (A'+c') (A+B+C'D) (four Literals) 1 - A'+CC' (A+B+C'D) = A' +0 (A+B+C'D) = A'(A+B+C'D) = 1'A A'B + A'C'D = 0 + A'B + A'C'D = 4'B + A'C'D = A' (B+C'D) # 2.7. Draw the Logic digram of the circuits that implement the oxiginal & Simplified expression in Problem 2.217 (a) Original = A'C' + ABC + AC'









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