95 = (AA+AB+CA+CB)CB+C) distribute. = (CA+CB)(B+C) (complement, AB=Q (D) n3= 3 (= CAB+CAC+CBB+CBC distribute

= ABC+AC+BC+BC identity + commutative

= AC+BC+BC obsorbtion + SI D)m3=7+3 () idempotent CHEDMBINE =ACIBC distribute = C(A+B) $= c(\overline{A}(B+\overline{B})+B)$ idempotent = C(AB+AB+B) distribule + The Asset To = C (AB+B) absorb A B | AB A+B. given AB=0 and A+B=1, O O WE KNOW one value is zero, of I and the other is one. therefore AB must be equal 0 1 to ol or 10. Thus AB=0 = ((O+B) = BC