3.2- Evereicies proportos: (0) a) F(A, B, C, D, E) = A.B. C+C.D. E+A.B+A.B. C.D. E+A.B.D. E) = A.B(C+1+C.D.E+D.E)+C.E(D+D)= = A.B (1)+ C.E (1) = A.B+C.E b) F(A,B,C) = A+A,B+A,C = A+A,C = A.(A+C)= =A.A+A.C = O+A.C =A.C e) G(A,B,C) = A.B.C+A.B.C+A.B.C=A.(B.C+B.C+B.C)= = A. (C(B+B)+B,C)=A. (C+B.C)=A. (C+B.C+C)=A.B+A.C d) F(A,B,C,D) = B.C.D+A.(C+B)+A.CD+A.B.C.D+ = B. C.D + A. C. B) + A.C.D + A.B. C.D = B. C(D+A+A)+A.C.D= = B.C + A.C.D e) F(w, X, Y, Z) = W. (X+Y. (Z+W)) = W+ (X+Y. (Z+W)) = = w + X. Y. (2+w) = w + X. (Y+(Z,w))=w+X.Y+X.Z.w= =W+X,Y+XZ 8) F(A,B,C,D) = A.B.C+B.C,D+A.B.C.D+A.B.C.D= BC(A+A,D)+B,C(D+A,D)+B,C(A+D)+B,C(D+A)= +A(B,C+B,C)=D+A,C=D,C+A,C A=118=0 F-1X+4+2 X=14-12=0









