HW#28 For the cases = 2, n=3 prope pund product & mulose and equal  $P(A_1) + P(A_2) = P(A_1) + P(A_2) = P(A_1) + P(A_2) + P(A_1)P(A_2)$   $= P(A_1) + P(A_2) = P(A_1) + P(A_2) = P(A_1) + P(A_2)$ 2 P(An) = P(A,)+P(Az) product & sent for n=2 are the some producto: 1-T[1-P(An)]=1-(1-P(A1))(1-P(A2))(1-P(A3)) = 1-(1-P(A1)-P(A2)+P(A)P(A2)(1-P(A3)) = 1-(1-P(A3)+P(A1)P(A3)+P(A2)P(A3))-P(A2)-P(A3) = P(A) + P(Az) + P(A3) sum: = P(A2) = P(A1) + P(A2) + P(A3) graduct & sunt for no are the same





