7 (1+a) - 5 25% \$ (1+9)(1-6) \$ 50% 1 (1-6) 3-8. 25% Asades, cel mai probabil resultat este Dace aceste x 5 =) deravantojas = (1-b) = 5 < S (1+a) (1-b) (+) (1+a) (1-b) <1 (=) 1+a < +- (=) a < +b = 1 ((a+ im Asades, este deseventegos so jucion de mai multe ori cond a < 2 , a & [0,1] , b = 1 5 Pl probabilitates un 6 cm 4 eruncori LP2 probabilitates 2 de 6 cm 24 aruncare P(P,) = 1 - Probabilitates so mu obtinem un 6 in 5 aron arencore = 1 - (3) = Simeler 1P(P2) - 1 - (35)24

Presupenem so 19(P1) > 18(P2) P(P,) > P(P2) (>) 1- (5) > 1- (35) (=) (a) $\left(\frac{35}{36}\right)^{25} > \left(\frac{5}{5}\right)^{1}$ (b) $\left(\frac{35}{36}\right)^{6} > \frac{5}{6}$ (c) (=) 367,653,1253362,737056(A) 73530625 625 3604 588 24 5 235298 367653125 705894 117.648 73530620 46656 1673616 60466176 7776 22936 10077696 362297656 3888 5038848 139 968 46656 16796 16 60966176 3. (AUB) = A 08 Fig XE AUB (=) X & AUB (=) X & A N X & B (=) X & A A XEB () XEAAB Til (AAB) = AUB Fice ACEA BEBF ALAGRERE AC N BC = ACUBCA) ACN BC = ACUBCA) MAN ANB = AUB

Cas (U Am) = D Am (A (A2) = A (A) din () Presupement co (U Am) = n Am 50 anotam co Ameri) = (VAm VAmer) = (VAm) Ameri) cf induction maternatice =) (uAm) = nAm (V) Analog did