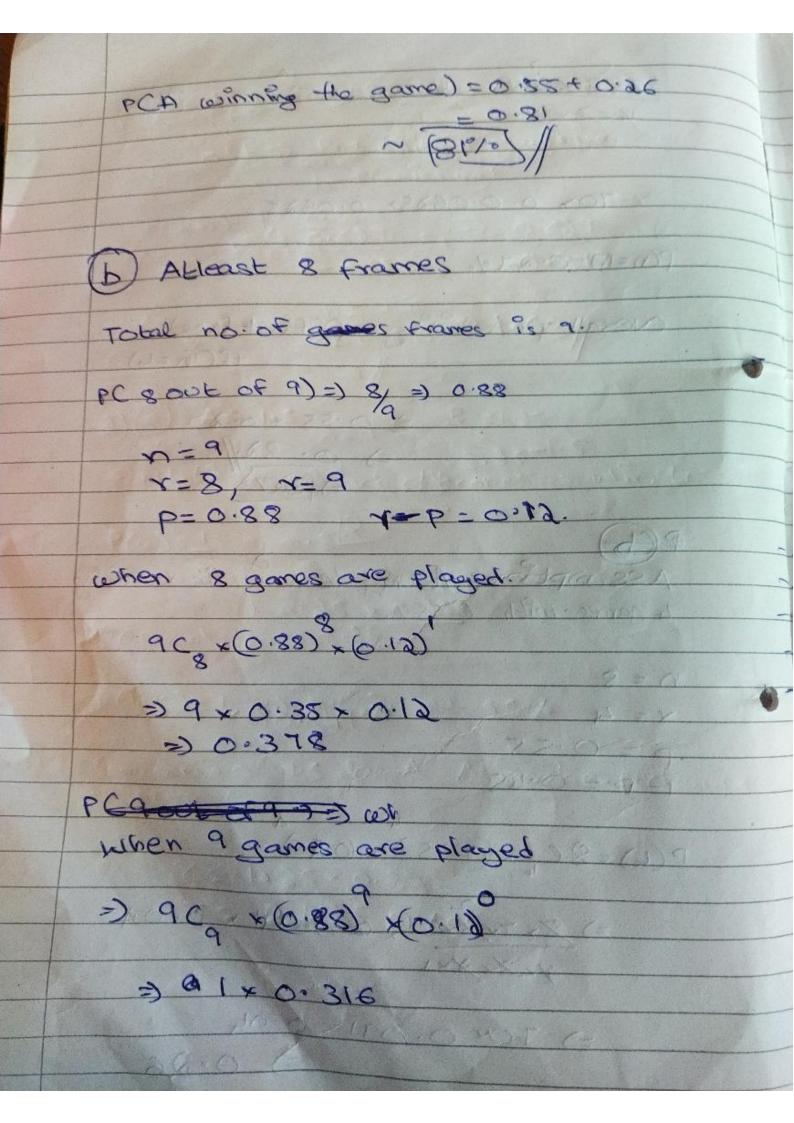
win 5 wins the series } First PCCA) = 551=10:55 PCI-PCA) = 1-0:55 2 2:45 Assumption: A has to win only 4 more from the remaining 8 games P(A) = 0.50 (winning) PE 1-P(A) = 0.50 (not winning). The assumption is A is winning the games we use binomial distribution for solving this problem. Because we have data for first frame only. wery game A has 50-501. to win or lose P x = 8 P=0.5 1-P=0.6 8 q x (0.5) x (0.5) 8-4

8 x 7 x 6 x 5 x 4 1 (05) 405) 4 MXBXXX X Le 70x 0. 0.0625 0.0625 P(n=4) 0.27% averall probability : (CFirst Fame) +8C4=4) ERA GOS ECT TRACTOR 50.55 +0.27 => 0.89 =) |827/ 610 -9-1 Assumption a Assuming he having the remaining 4 games with 0.55%. Colle 2 (2840) / 352 N = 8 619 278 0 2 769 P=0.55 1-P=0.45 P(W)=8C/x(0/85) x (0/85) =) 8x7x6x5 x 00-091 x 0.04 4xxxxxx => 70x0.091x0.04 =) 0.26



Probability of playing attent & france = (69.40/0) (c) Level of odds I) we need to calculate B's winning probability Let us assume Bs whoming probability => 0.45 PCB)=0.45 11 0) 201 64 60 11 P 1-PCB) = 0.55 with a some of the stay the stay of About 185 Player B has to win 5 matches from 8 remaining EIN 6 1 = 10,09 v=5 P = 0.45 1-P = 0.55 P(5)=8C *(0.45) *(0.55) 1-(0.65) 38×7×6 × 0.018× 0.166 3×7×1 => S6+0.018×0.166 =) (0.167 260) EDDO PAREN S SOL PCB (0 moing) =) 0.45 + 0.167 =) 0.627//

