Seccion: 1 BN:18 Mzaos P(V20) 2 (1-0-05) 10 20.598 M20.5 -> P(V20) 2 (1-0.5)10 2 9-76 +16 M20,8 - P(V20) 2 (1-69)102 1,024x10-7 Samples that Contain no red buils (vzo) let y bettellent that represents having at least or summer that doesn't contain red balls (V=0) So we want to get P(X7,1) = P(y) is a Binomial R.V. :P(x)1) 21-P(x20) (2) Px (1-P)xn-x (m) po (1-p) n= ·For M2 0.05 P20.598 -> P(J) =1- (1-0.598)1000 efor M20.5 2 P29.76 *10-4 P(y) = 1- (1-9.76 \$10-4) 1000 2 0.6236 . For W208 = P21.024 \$ 10-7 = P(1) 2 1- (1-1-024x10-7)1000 2 1.023 X Jo (1) refer (b) for nz 106 For 12005 -> Pz 6,558 PU) = 1- (1-0.598) 108 2 , For M20.5 -> Pz 9.76 A 10 P(y) 21- (1-9.76 x10-4) 100000 2 For M2618 -> P2 1.024 x10-7 P(y) = 1- (1-1.024 \$ 10-7 1 2000000. 7 0.09733

