

6- X Va normal M= 10 13 = 36 Con Y= X-10 a, P(x>5) = 1-P(3>=)=1-(1-P(34=) = P(y < 5) = G. 7967 6- P(4<×<16) = P(×>4) - P(×>10) = P(×10 - 4-10) - P(×-10) = P(y > -1) - P(y > 1) = P(y 4 1) - (1 - P(y 4 1) = -1 + P(y 4 1) + P(y 4 1) = 0,6826 C. P(XLB) = P(X-10 2 8-10) = P(Y <-3) 1- P(x = 1-0(0.33) = 1-0-6293 = 0.3707 X=1 a vida util exporada E[x]=[xex]x= -xex+ (e dx = -xe-e 0 - (-1) = 1 V=-e 5. Prob falle on la Anneva hora P(X=1) = 1-P(x>1)=1-e-1 C. Sea A [1,23 B= [0,1) P(x6A1xeB)= 12-x = -e11=-e+e==e+e===+1 1-(1-e1) 0. 3 - [o,n] P(x6B) = P(x6n) = 1-P(x7n) = 1-e

Mat. aden

