

(3A)x - Wormal (100;100) P(X = a) = 951. P(Y=a) = P(Z = a-100) = 0,95 a= 116,45m3/2 9-100 = 1,645 6 P (88 - X - 110) P(89-100 TZ(110-100) = P(-1,2 < Z(1) P(Z<1) - P(Z<-12) P(2=1)-[1-p(2<12)] = 0,8413-1+0,8949 = 0,7262 = 76,62%. () P(X>110)=P(Z>110-100) P(Z>2,46) 1-P(Z <2,46) 1-0,9929 = 0,0071 1

(4)x- Normal (22,86;0,07622) Limites: 22,86 = 0,127 = (22,733; 22,987) P(22,733 - X - 22,987) P /22,733-22,86-2- 22,987-22,86 P(-1,67-2-1,67) P(Z<1,67)-P(Z-1,67) P(Z=1,67)-P(Z>1,67) P(2-1,67)-JII-P(251,67)) 2.P(Z51,67)-1 2.0,9625-1 = 0,905 1-0,905 = 0,095 = 9,5% P(22,733 < x < 22,987)=0,99 22,733-22,86 - 7 - 22,987-22,86 0,127 - 1 = 0,99 Z < 0,127 = 1+0,99 = 0,995 0,127=0 0=0,0492