Home work									
						and the			
10.141 a) n=50 µ=15 5=95 x=14,9		-							V.
$S = \frac{S}{\sqrt{50}} = \frac{0.5}{\sqrt{50}} = 0.071$ $Z = \frac{14.9 - 15}{0.071} = -1.41$									
x n 50 - 0,041 2 - 0,071		7				1			
P(x<2)=0,0753									
14,9-14,8	24	*		7					
D) N=148 2 = 14,9-14,8 = 1,41 P(2>0) =05						7			
$10.20)$ $z = \frac{5.23-5.5}{0.24} = -9$ $P(xc-9) \approx 0$									
V64							-		
1001 7-788-800=-164 PIRC-141=0,101									
10.21) Z = 788-800 = -1,64 P[E < -1,44] = 0,101						-			-
100	4	2	5-						1
10.29) d=0,005 dF=19 &<-1,729		1		2	Z	2		1.0	I
$t = \frac{33.1 - 35}{4.5} = -1,98$ takes less than 35			1					17	ľ
520		12						+	1
10,47) n= (1,645+1,282) 10,24) = 5,48 < 6	i,		1	1	1				1
9,5				-					+
10.48) B=0,1 6=5,8 5=35,5-40=-4,1		1	10	-			4		
2=905 Zojos=1,645 Zoj=1,28 Zo		1	4	1	1				1
0,05									
$n = \frac{(1/645 + 1/28)^2(5.8)^2}{(-4/11)^2} = 17/12 \times 18$			+	+		-			
Chapter 8						-			
Chapter 6									
3) 6=20 M=50 N=64		-							
$\alpha) = 52,5$ $2 = \frac{50,5-50}{20} = 1$ $P = 0,3174$									
B) x=55 = 55-50 = 2 P = 0,0456									
c) $\bar{x} = 57.5$ $z = \frac{57.5}{20} = 3$ $\hat{x} = \frac{57.5}{20.0026}$									

9) No 58,2 N=10 M=8,179
6= \frac{1}{9}(8,18-8,173)^2+=0,0226
4= 8179-82 = -2, 96 <-2, 262 P=0,008
$8.31-8.2 = 13.41$ $\delta = 8.32-8.2 = 0.12$
$ z = \frac{0.12}{0.02(16)} = 14.63 $ $ 10) z = \frac{7.2 - 7.6}{1.2 \cdot 106} = \frac{-0.4}{0.3} = -1.321 $ $ 0) 2 = \frac{1.2 \cdot 106}{0.3} = \frac{-0.4}{0.3} = -1.321 $ $ 0) 2 = -1.645 $ $ 0.3 = -1.645 $
b) z = -2,33 <-1,333
C) P(ZC-1,333) = 0,0518
11) n=20 x=105 n=100
a) $z = \frac{105-100}{510} = 4,472$ $P(z > 4,472) = 0$
b) $z = \frac{105 - 100}{10/500} = 2,236$ $P(2 > 2,236) = 0,0127$
$ c _{z=\frac{105-100}{151520}} = 1949 P(z>1,49) = 10,0681$
21) No=30 N=10 X = 26,4 S=3,5
$t = \frac{26,4-30}{3,5/500} = -3,25$ $t = 1,833$ t_27t , reject