

Problem Set 11	20117
7 6. 0= 25 rounds; MOE = 3 rounds; Find comple size (n) for	90,1007
with MOE = 3 punds.	
Confidence Interval	
CI for M when o known = [x+2an: 50]	
MoE	
Therefore, MOE = Zx12.	
Finding Z _{x/2} : 1-x=.90 → x=.1→ ==.05	
. 0/2	1= 05
P(Z72×12)=.05→1-P(Z≤2	-X12 12.00
PCZ=zar	4
VLZ=Zaj	<u>.) ()</u>
Z_<12=	1 (4
Zx12=	1.01
MA + 1 3 () = 1 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
7-1 (11.25	
MOE = 2 x12 · 5 - 3 = 1.64 · 25	
3 - 5	
1.83 = ==	
The required somple size to	
construct a 90% (ortidan Interval 1.83/ = 25	
is 187 persons.	
In = 13.66	
The second secon	
n = 186.63	
Time addition to the second	
	and the second second second second