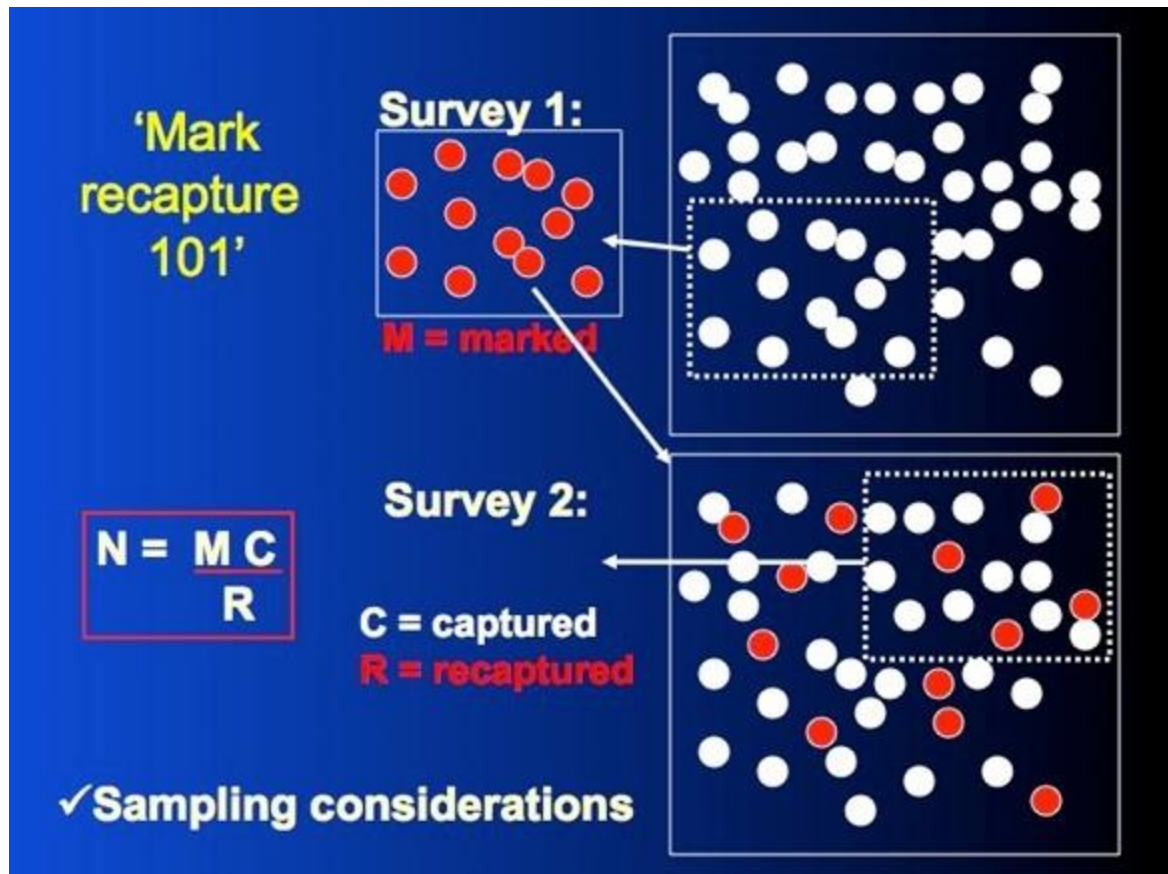


Mark and Recapture Estimates



N = Population Estimate

M= Original Number Marked in Survey 1

C= Total Number Captured in Survey 2

R= Total number recaptured in Survey 2

Determine how many beads are in your cup by utilizing the mark/recapture technique.

Replace Original captured specimens (M) with a different color.

Utilize the table to help organize your data.

Run 5 Trials to improve accuracy.

Mark and Recapture Estimates

Table 1: Raw Data for Cup population estimates

Trial #	Survey 1 #s (M)	Survey 2 #s (C)	# Recaptured (R)	N
1				
2				
3				
4				
5				

Table 2: Processed Data for population estimates

Average N for 5 Trials	
SD of N for 5 Trials	
Actual Number of beads in cup (count)	

Conclusion: (make a statement as to the accuracy of this technique based on your data)