## Capture/Recapture Method of Estimating Populations

## Instructions:

1. Capture 50 members of your population and tag them. Mix the tagged members back into the population
2. Take a random sample from the population and count he total number of members in your sample.
3. Count the number of tagged members in your sample.
4. Use ratios to estimate the size of your population.
5. Count the actual number members of your population. $\qquad$
6. How accurate was your estimate? $\qquad$

## Calculations:

Tagged Members
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Members in population
\% Error = -------------------------------------------- x $100 \%$

