Go Fish! Solving Proportions: Estimating a Population

Estimate the number of fish in a lake:

- paper bag = lake
- cup = net
- goldfish = untagged fish
- pretzel fish = tagged fish
- 1. record the number of tagged fish and total fish for each sample
- 2. find the average of the 10 trials
- 3. use this equation to find the estimate

Average # tagged in samples	_ Total # tagged in lake
Average # in samples	Total # fish in lake

4. compare the estimated results with the actual number of fish