"Something Fishy" Recording Sheet

 "Capture" fish from your container. How many fish did you capture? These will be the "tagged" fish.
2. Tag these fish by replacing these fish with pretzel fish. Return the pretzel fish to the container and mix them up (without looking). (Do NOT return the captured goldfish - the pretzel ones are replacing them.)
3. "Recapture" fish by scooping out a sample. Count how many pretzel fish there are and how many total goldfish there are. Record the numbers below, put the fish back in, mix them up again, and "recapture" again.
"Tagged" Fish Total Number of Fish Ratio of tagged to total
Recapture 1:
Recapture 2:
Recapture 3:
Recapture 4:
Recapture 5:
Recapture 6:
4. Find the average tagged and the average total. Record below:
Average tagged Average total Ratio of tagged to total
5. Write a proportion to help you figure out the total number of fish in the "bay."
Your proportion:=
Your estimate of the total number in your "bay"

6. Count the fish in your "bay."	
The actual number of fish in your "bay"	
How do your estimate and actual numbers compare?	