
Sample the Rivers Recording Sheet

1. "Capture" fish from your container. How many fish did you capture? _____

These are your "tagged" fish. Replace them with the pretzel fish. Do not return your "captured" fish back to the container. Your river now has just as many fish as before, but some are "tagged" and some are not.

2. Begin your fish count 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			
Recapture 7			

3. Find the average tagged and the averaged total. Record below.

Average Tagged

Average Total

Ratio of Tagged to Total

4. Write a proportion to help you figure out the total number of fish in the river.

Your proportion _____ = _____