

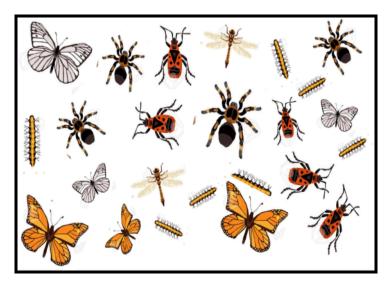


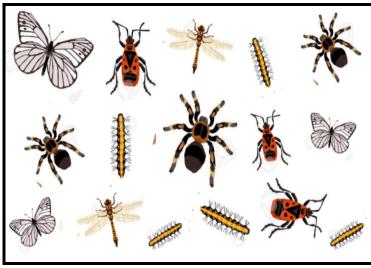
Area 1				Area 2				
Organism	n	n/N	(n/N)^2	Organism	n	n/N	(n/N)^2	
Monkey				Lion				
Giraffe				Giraffe				
Elephant				Monkey				
Lion				Elephant				
Zebra				Zebra				
Total				Total				
	Diversity Index				Diversity Index			

Make a Claim

State your Evidence

State the Reasoning





Area 1 Area 2

State your hypothesis:

Area 1					Area 2					
Organism	n	n/N	(n/N)^2		Organism	n	n/N	(n/N)^2		
Total					Total					
	Diversity Index					Diversity Index				

Make a Claim

State your Evidence

Tables for Australian Fires - Candy Lab

Site 1				Site 2				
Organism	n	n/N	(n/N)^2	Organism	n	n/N	(n/N)^2	
Total				Total				
	Diversity Index				Diversity Index			

Total					Total				
	Diversity Index					Diversity Index			
Hypothesi	is:								
Make a Cla	aim								
State your	State your Evidence								
State the Reasoning									
1. Which organism(s) was impacted the most?									

2. Which organism was not impacted by the fire?

A fisherman is catching fish in three lakes and thinks there is a greater diversity in Lake Grapevine than in Lake Worth or Lake Lewisville. The table below shows the results of a survey.

	Bass	Trout	Perch	
Lake Grapevine	41	68	19	
Lake Worth	62	99	54	
Lake Lewisville	59	104	25	

Calculate the Biodiversity Index for each Lake:

State your Null Hypothesis:

Make a Claim

State your Evidence

