Animal Species Comparison

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Section\_\_\_\_\_\_\_

Purpose: This activity will allow the student to compare the numbers of different types of animal species.

Material: Chrome book, worksheet, and pencil

Procedure:

1. Navigate to the web site <http://isenseproject.org/projects/1566>
2. Go to the data section and select only vertebrates. Go to visualization
3. In visualize select pie chart and group by species name. This should correspond to the saved visualization of *Animal species comparison vertebrate pie chart*.
4. List the order and percentages in the data area below.
5. Return to data section and select only invertebrates. Return to visualization.
6. In visualize select pie chart and group by species name. This should correspond to the saved visualization *Animal species comparison invertebrates pie chart*.
7. List the order and percentages in the data area below.
8. Return to data selection and select both vertebrates and invertebrates. Return to visualize.
9. In visualize group by species name. This should correspond to the saved visualization *Animal species comparison pie chart.*
10. List the top four species and percentages in the data area below.
11. Select pie chart and group by data name set.
12. List the percentages in the data area below.
13. Answer the analysis questions.

Data

|  |  |  |
| --- | --- | --- |
| # | Species Name | % |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |
| 6 |  |  |

|  |  |  |
| --- | --- | --- |
| # | Species Name | % |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |
| 6 |  |  |
| 7 |  |  |

|  |  |  |
| --- | --- | --- |
| # | Species Name | % |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |

|  |  |
| --- | --- |
| Vertebrates | % |
| Invertebrates | % |

1. Which is the largest vertebrate species? What was its percentage among vertebrates?
2. What was the percentage of the largest vertebrate species among all animal species? What was its rank?
3. What was the largest invertebrate species? What was its percentage among invertebrate species?
4. What rank would the total number of vertebrates rank among the numbers of invertebrates?
5. Write a well-organized paragraph that explains the relationship between vertebrates and invertebrates. Be sure to use data, especially the data in #4.