

Note: 2 supporting documents are provided to help you with graphing & math.

NAME:



3.8 Case Study – Comparing Forest Management Practices

In a neat and organized fashion, please complete the case study on pages 536 – 537. Significant class time will be given to do this but you will also need to work at home. I will be available for assistance at lunch as well.

How to answer: Short Answer vs. Open response

- A short answer question most often requires 1 or 2 sentences to answer. There is not usually an explanation required.
Example: **(f) Which mammal species benefitted most from forestry**
- Open Response question require an opinion or an explanation.
Example: **(d) ...How might this influence their success in the different forest types?**
You should put 'Q in A' here too but also give fact(s)/detail(s) and explain how these fact(s)/detail(s) support your answer.

What to do:

#1. Pie Graphs - create 3 pie graph using information in Table 2.

Hint: When you 'compare', you should indicate what increases, what decreases and what stays the same.

Criteria	Knowledge & Understanding	/5
Creating a pie graph, using information in charts	Create 3 pie graphs using information in Table 2. Templates for pie graph provided. Make sure you label each species; use a legend or label on pie graph. Pencil (coloured or black) only please. Title for each pie graph.	

Due Date: _____

#2. Nutrients

Answer a) and c)	Inquiry	/5
Interpret nutrient data	Answers (a) and (c) correctly, supporting evidence given.	

Looking at impact on rodents (shrews, voles, mice, chipmunks)

Note: rodents are mammals.

Answer b), d), e), f)	Inquiry	/5
Draws appropriate conclusions based on data.	Answers (b), (d), (e) and (f) correctly, supporting evidence given.	

Looking at the impact on birds.

Answer g), h) & i)	Application	/5
Can apply new knowledge.	Answers (g), (h) and (i) correctly with supporting evidence given.	

Question (j): Choose **just 1** species in table 3 that **ONLY** lives in forest and **just 1** species that **ONLY** lives in clear-cut forest. Research the ecological niche

- www.allaboutbirds.org is a helpful link!
- you may wish to look up the definition for 'ecological niche' again in our text.