

INFORMATION FOR THOSE STILL WORKING ON COMPLETING COUNTING TURTLES LAB ACTIVITY FOR HOMEWORK!

Analyze and Conclude:

1. Calculating

All calculations should be finished by now/ all work should be shown in notebook

2. Graphing

Graph the estimated total population for the four years

(Graph will be done on loose leaf or graph paper NOT IN NOTEBOOK)

Write "see separate paper for graph" in your notebook.

3. Interpreting data

Describe how the turtle population has changed over the four years of the study. Suggest three possible causes for the changes.

(Answer this question IN YOUR NOTEBOOK using complete thoughts)

4. Predicting

Use your graph to predict what the turtle population will be in Year 5. Explain your prediction.

(Answer this question IN YOUR NOTEBOOK using complete thoughts. Roll into page 46 if you need more room to answer questions 3 and 4 of analysis)

5. Communicating

Write a paragraph that explains why the mark and recapture method is a useful tool for ecologists. When is this technique most useful for estimating a population's size?

(Answer this question on the back of your graph OR another sheet of paper stapled TO THE GRAPH. I expect a full CEAL conclusion)

Write "see separate paper for conclusion paragraph" in your notebook

C (claim) What is the question/problem

E (evidence) Use specific data to discuss HOW this method is useful

A (analysis) Explain how this technique may be better than direct observation, indirect observation, and/or sampling. Discuss when this is a useful technique to estimate populations.

L (leaving thought) Restate the question