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# Growing Bacteria Conclusion:

**Draw your petri dish and the colonies of bacteria.**

**Using a microscope, draw the largest colony of bacteria.**

**Conclusions:** Write the answers to these questions below.

1. Were your results what you expected? Why or why not? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. How did your independent variable change your dependent variable? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. Where could you have caused error during your lab? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. Conclusion (combine the last 3 questions into an amazing concluding paragraph): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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1. What improvements could you make that would be beneficial to the improvement of the experiment?

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1. What is a next step you could take as an extension from this lab?

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| --- | --- | --- | --- | --- |
| CATEGORY | **4** | **3** | **2** | **1** |
| **CRITICAL THINKING**  **(Chose good supporting specifics)**  **RACE** | Learner selects and uses specific detail and references that most strongly support his or her analysis, reflection, or research.  **Well written sentence** | Learner selects and uses specific details and references that most strongly support his or her analysis, reflection, or research.  **Punctuation Error-Gave no support** | Learner selects and uses references that vaguely support or relate his or her analysis, reflection or research.  **Did not restate question-Many punctuation mistakes** | Learner attempts to use references from a text that is related to the topic of focus.  **Not a complete Sentence**  **Didn’t start sentence with a capital letter** |