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| --- | --- |
| **Biology 11**  **Elastic Band Lab!** | **Name:**  **Partner Name: Date:**  **Block:** |

Question/Objective: (What question are you trying to answer?)

Hypothesis: (If…then…because…)

Materials and a brief description of your two types of elastic bands: (Everything you would need…)

Variables: (dependent, independent, control)

Procedure: (How are you planning on conducting your experiment?)

Data and Observations:

*Elastic band #1 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Trial # | 1 | 2 | 3 | 4 | 5 | Average |
| Distance |  |  |  |  |  |  |

*Elastic band #2 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Trial # | 1 | 2 | 3 | 4 | 5 | Average |
| Distance |  |  |  |  |  |  |

Analysis:

Was your hypothesis supported or refuted? Provide evidence for this analysis.

Conclusion:

1. Why do you think your hypothesis was supported or refuted?
2. If you were to repeat this experiment, explain why it is important to alter only one variable between your previous experiment and your new experiment.