Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_\_

**Surviving a Zombie Apocalypse – A Food Calorimetry Lab**

**Data Collection**

You will be making your own data table for this experiment. Your data table should include all the important components: Title, Date, and use a ruler so it’s neat! Your independent variable should be the first column (include units). You will need columns for all the different types of dependent data you decide to collect (remember – you want qualitative and quantitative observations!). *Draw your data table in the space.*

**Analysis & Results:**

1. You should create a graph of your time vs. temperature data for food samples A and B on the graph paper below.



1. Using the class results, calculate the average temperature change for food A and food B.

| Food Sample | Temperature Change (°C/minute) | Class AverageTemperature Change(°C/minute) |
| --- | --- | --- |
|  |  |  |
|  |  |  |

1. Which type of food would you want to use during a zombie apocalypse? Why?

Claim: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Evidence: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Reasoning:

The evidence shows:

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I know (scientific facts and concepts that help answer the question):

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I can apply (big ideas that connect the concepts and evidence):

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Therefore, I can conclude that:

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