Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Table # 1: Data Tables

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Trial | Initial Temp. of water ( °C ) | Final Temp. of water ( °C ) | Initial mass  of chip (grams) | Final mass of chip (grams) | Mass of water (grams) |
| --------------------- | ------------- | ---------------- | ----------------- | ----------- | ------------- |
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Table # 2: Calculations Table # 1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Trial | Change in Temp  (°C) | Change in Mass  (grams) | calories | Calories (Cal. / kcal) |
| --------------------- | ------- | -------- | ------------- | ---------- |
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Table # 3: Calculations Table # 2 From the food nutritional label

|  |  |  |  |
| --- | --- | --- | --- |
| Food Item | Calories per serving size (Cal or kcal) | Mass of serving size (grams) | Actual Calories per gram  ( Cal / gram) |
| --------------------- | ------- | -------- | ------------- |
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Table # 4: Summary Table

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| --- | --- | --- | --- | --- |
| Trial | Calories (C) from table # 2 | Change in Mass (g) | Calories / gram  calculated | Calories / gram  actual |
| --------------------- | ------------ | --------------- | ---------------- | ---------------- |
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Show all of your sample calculations in this space. Remember to label them.

ERROR PAGE

SUMMARY OR ANALYSIS PAGE