

# GRAPHING STATIONS

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

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

## STATION 1:

- 1) What is the title of the this graph? \_\_\_\_\_
- 2) What variable is on the x axis? \_\_\_\_\_
- 3) What variable is on the y axis? \_\_\_\_\_
- 4) What can be inferred from this graph? \_\_\_\_\_

(hint what can you tell me about the data in this graph)

- 5) Refer to the line graph and data table. Do they represent the same information?

Why or why not?

- 6) Referring to the data table which column would be the x axis \_\_\_\_\_  
and which would be the y axis \_\_\_\_\_

**STATION 2:** Using a ruler, create a data table to reflect the information provided on the line graph in the box below. Refer to the graphing notes to recall what a data table should look like.

Table:

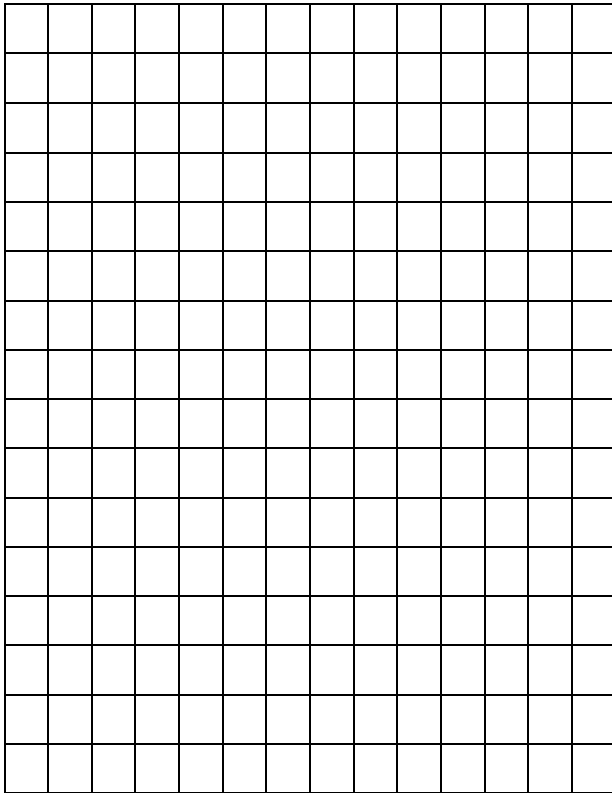
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## ARE YOU FINISHED?

Consult the graphing notes and apply SULTAN to your data table. Check them off for completion.

- S- scale
- U- units
- L- labels
- T- title
- A- accuracy
- N- neatness

**STATION 3:** Create a bar graph showing the milligrams of each energy drink by beverage type.

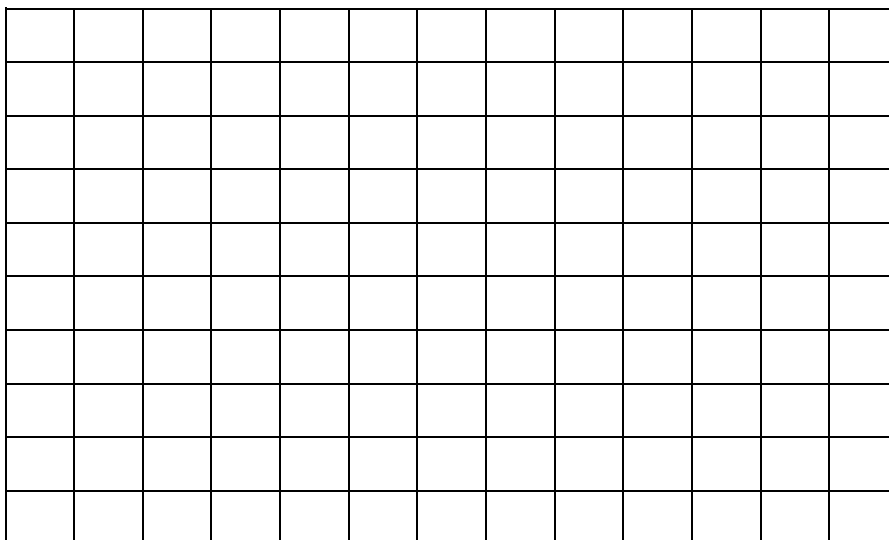


**ARE YOU FINISHED?**

Consult the graphing notes and apply SULTAN to your graph. Check them off for completion.

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**STATION 4:** Create a line graph that shows a comparison of low and high average temperatures by month for San Diego. Make the high in red and the low in blue.



**ARE YOU FINISHED?**

Consult the graphing notes and apply SULTAN to your graph. Check them off for completion.

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**STATION 5:** Using a ruler create a data table based on the information given for science teachers guinea pigs.

**We are skipping this station - leave it blank**

Which guinea pig ate the most?

**STATION 6:** List the missing parts of each graph. Use the SULTAN notes as a reference.

1) Line graph:

2) Bar graph:

**STATION 7:** Create two pie charts from the information provided at the station. Use a compass and a ruler.

Pie Chart 1

Pie Chart 2

Title:

Title:

**We did not do station 7 - leave this blank**

**ARE YOU FINISHED?** Consult the graphing notes and apply SULTAN to your graph. Check them off for completion.

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**STATION 8:** Answer the questions from this station in complete sentences on the lines below.

1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_

4) \_\_\_\_\_

5) \_\_\_\_\_

6) \_\_\_\_\_

7) Scale: \_\_\_\_\_

Units: \_\_\_\_\_

Label: \_\_\_\_\_

Title: \_\_\_\_\_

Accuracy: \_\_\_\_\_

Neatness: \_\_\_\_\_

8) Line graph or bar graph.