

Name:

Period:

LAB 4.1 – COMPUTER GRAPHING PART II

BACKGROUND

You have learned how to graph data on the computer. Today we will use this knowledge to graph two sets (groups) of data together.

OBJECTIVE

Graph two sets of data on the same graph. Then analyze the information on the graph.

MATERIALS

- Computers (one per lab group)
- Lab 3 Class Data
- Lab 4.1 Data (online)
- Ruler

PROCEDURE

1. Graph the Lab 3 Class Data using the online computing program (via Mr. Koerger's website)
2. Show your graph to Mr. Koerger.
3. Download and print the data Lab 4.1.1 from the assignments page.
4. Graph the Lab 4.1.1 data on the same graph as a different group.
5. Print out your graph (one copy is fine) and turn in to the box.
6. Print out a copy of Lab 4.1.2 Data
7. Graph the data – print out a single copy and answer the questions below.

SUMMARY

1. Interpolate the mass of 10 balls.
2. Extrapolate the mass of 20 balls.
3. Interpolate the mass of 4 balls.
4. Extrapolate the mass of 1 ball
5. What was the mass of the container that the balls were in when their mass was measured?