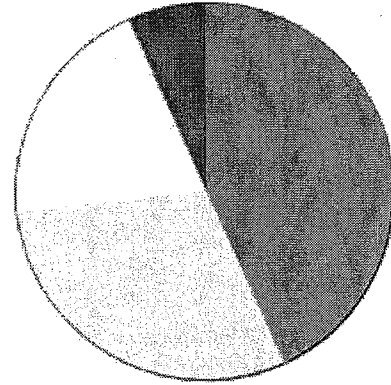


# Graphing Practice

Name \_\_\_\_\_

1. A class survey revealed that out of 30 students, 13 listed their favorite lunch item as pizza, 9 chose cheeseburgers, 6 picked lasagna, and 2 chose tacos.

Label the pie graph.



2. Jamie bought a new video game and decided to keep track of his scores.

Try 1 – 150 pts	Try 2 – 190 pts
Try 3 – 500 pts	Try 4 – 900 pts
Try 5 – 1100 pts	Try 6 – 1500 pts

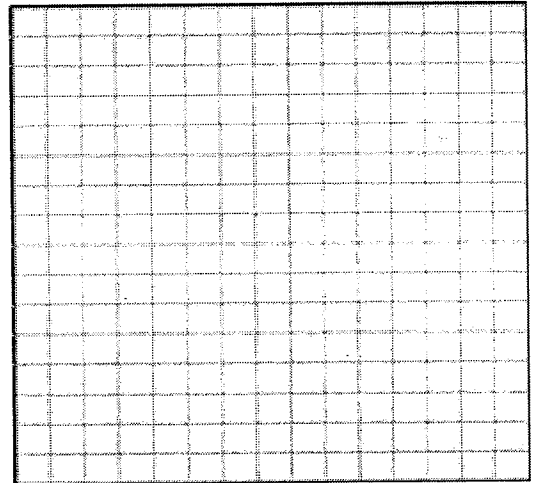
Create a graph of Jamie's progress. Put the "trys" on the X axis

3. Jamie's friend, Josie tries out the same game.

Try 1 – 100 pts	Try 2 – 500 pts
Try 3 – 900 pts	Try 4 – 1100 pts
Try 5 – 1400 pts	Try 6 – 1500 pts

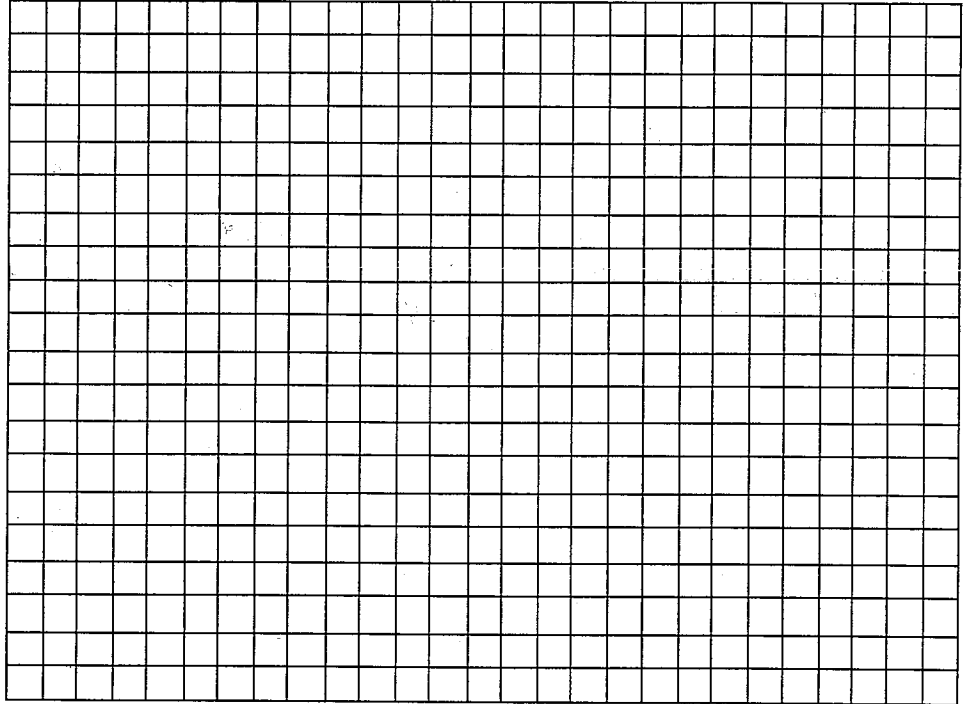
Use the same graph and draw another line to represent Josie's scores – Label each line as Jamie or Josie.

4. Based on your graph, who is the better player? Justify your answer.



5. Take a class survey about favorite colors. Find out what your classmates' favorite colors are using the list below. Create a **bar graph** that is color coded that compares the class choices

- Blue \_\_\_\_\_
- Red \_\_\_\_\_
- Green \_\_\_\_\_
- Yellow \_\_\_\_\_
- Purple \_\_\_\_\_
- Pink \_\_\_\_\_
- Orange \_\_\_\_\_



1. Use the data in the table below to complete the graph provided. Remember to title your graph, label the axes properly when setting up your scale, make a key, and to write a legend for your graph when completed.

<b>Depth in meters</b>	<b>Number of bubbles/min Plant A</b>	<b>Number of Bubbles/min Plant B</b>
2	29	21
5	36	27
10	45	40
16	32	50
25	20	34
30	10	20

Answer the following questions based on the graph you just completed.

2. What is the independent variable? \_\_\_\_\_

3. Why is this the independent variable? \_\_\_\_\_

\_\_\_\_\_

4. What is the dependent variable? \_\_\_\_\_

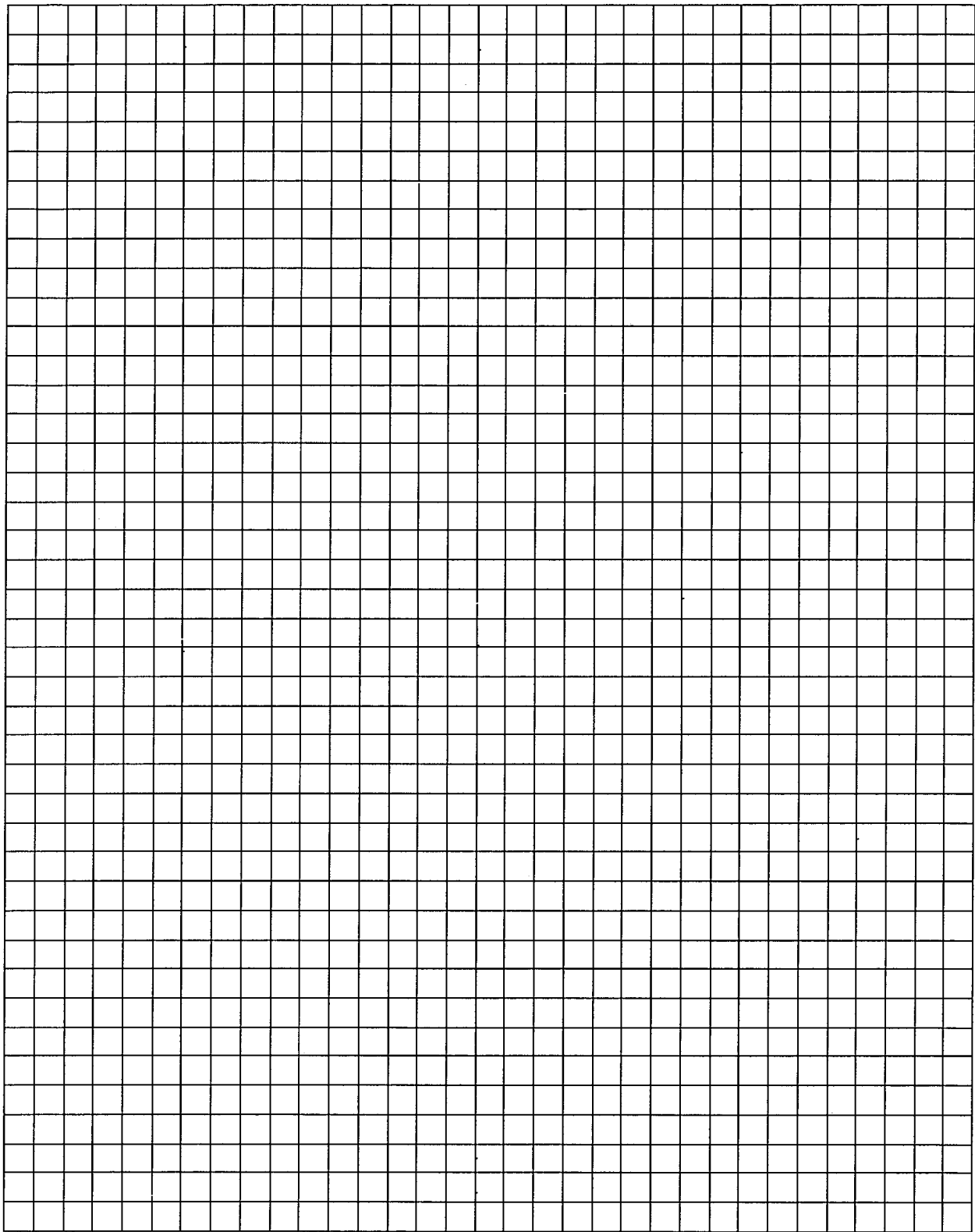
5. Why is this the dependent variable? \_\_\_\_\_

\_\_\_\_\_

6. Use one or more complete sentences to state a conclusion about the data in graph # 1.

\_\_\_\_\_

\_\_\_\_\_



Legend: \_\_\_\_\_