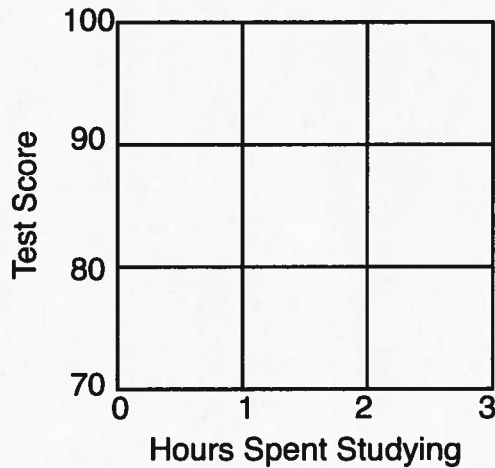


Graphing Lab**Instructions:**

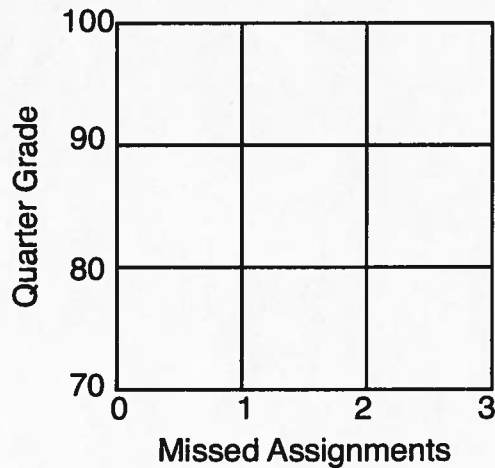
Graph the data from the tables on the axis provided.

Graph A: Number of Hours Spent Studying vs. Test Score

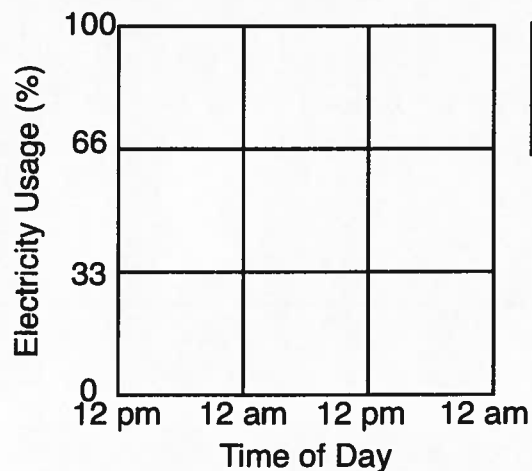
Hours Spent Studying	Test Score
0	70
1	80
2	90
3	100

**Type of Graph****Graph B: Number of Missed Assignments vs. Quarter Grade**

Missed Assignments	Quarter Grade
0	100
1	90
2	80
3	70

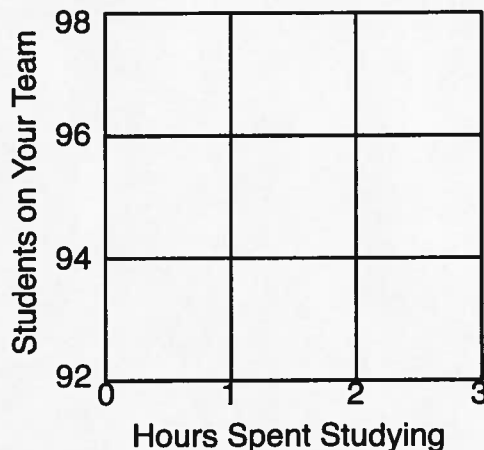
**Type of Graph****Graph C: Electricity Usage of the School vs. Time of Day**

Time of Day	Electricity Usage
12:00 PM	100
12:00 AM	0
12:00 PM	100
12:00 AM	0

**Type of Graph**

Graph D: Number of Hours Spent Studying vs. Number of Students on your Team

Hours Spent Studying	Students on Your Team
0	94
1	94
2	94
3	94



Type of Graph

Instructions:

On graph paper, draw two separate line graphs of the data below. Please also record the type of relationship that exists between the variables.

Graph #1:

Cooling Time of Magma or Lava vs. Crystal Size in the Rock

Cooling Time	Crystal Size
5,000 years	2 mm
10,000 years	4 mm
15,000 years	6 mm
20,000 years	8 mm
25,000 years	10 mm
30,000 years	12 mm
35,000 years	14 mm
40,000 years	16 mm
45,000 years	18 mm
50,000 years	20 mm

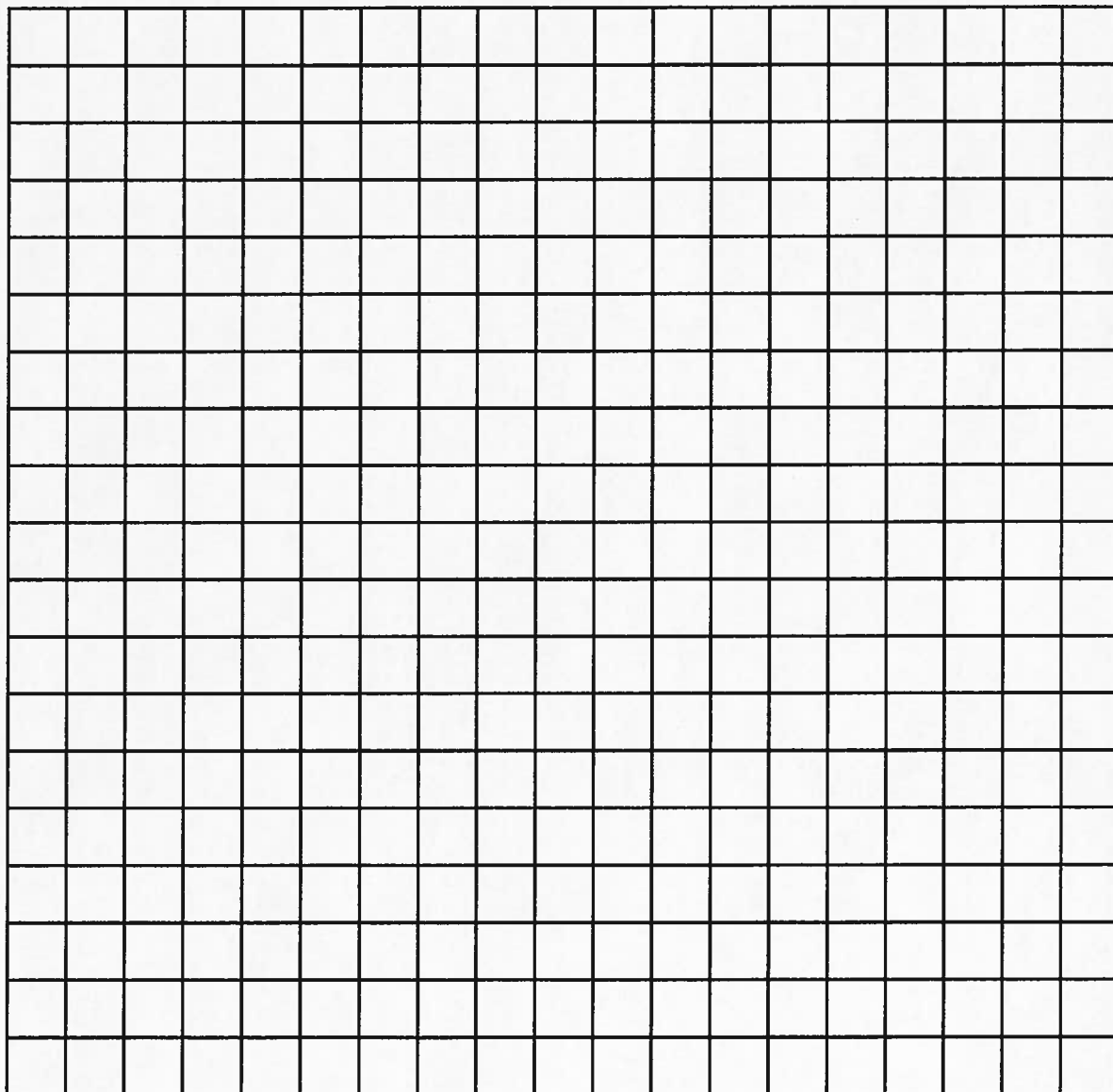
Graph #2:

Air Pressure vs. Wind Speed in a Hurricane

Air Pressure	Wind Speed
1008 mb	35 mph
1003 mb	45 mph
988 mb	70 mph
968 mb	100 mph
948 mb	115 mph
940 mb	130 mph
929 mb	145 mph
917 mb	160 mph
902 mb	175 mph
899 mb	190 mph

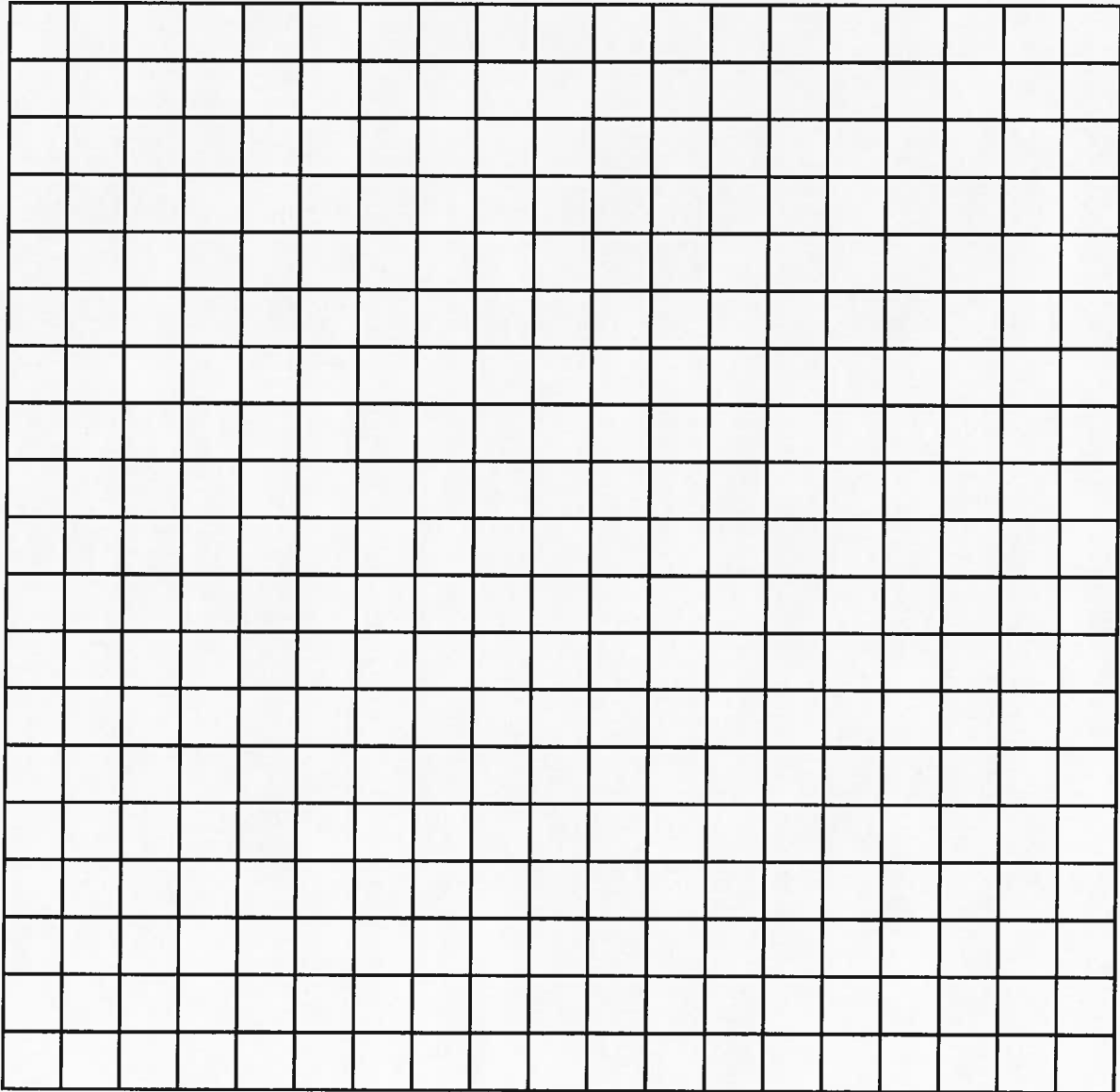
Name: _____ Period: _____ Lab # _____

Crystal Size (mm)



Cooling Time (years)

Wind Speed (mph)



Air Pressure (mb)