

NAME: \_\_\_\_\_

## Statistics and Probability

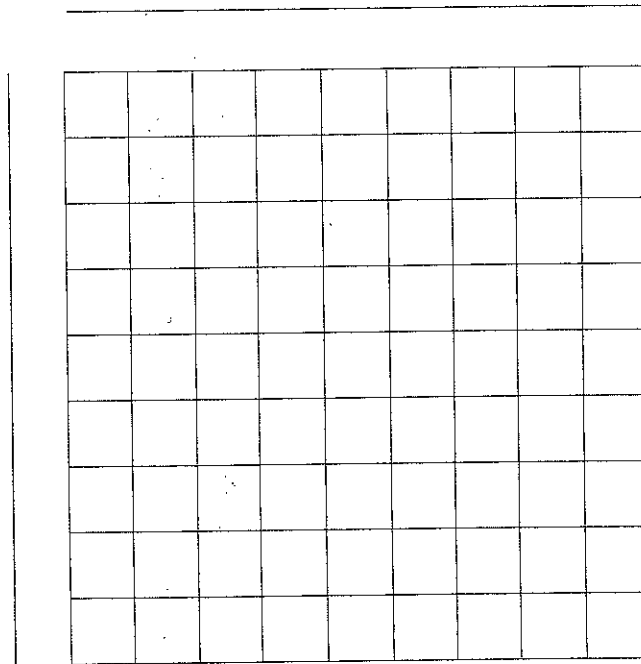
### Set 2: Scatter Plots

#### Station 3

You will be looking at a relationship between two variables and describing other variables that have the same kind of relationship.

The table below contains information about post-high school education and unemployment. Use it to make a line graph. Label the axes of the graph on the lines provided, and give it a title.

<b>Years of education past high school</b>	0	1	2	3	4
<b>Percent of unemployment</b>	9	6	5	4	3



What kind of relationship does the graph show?

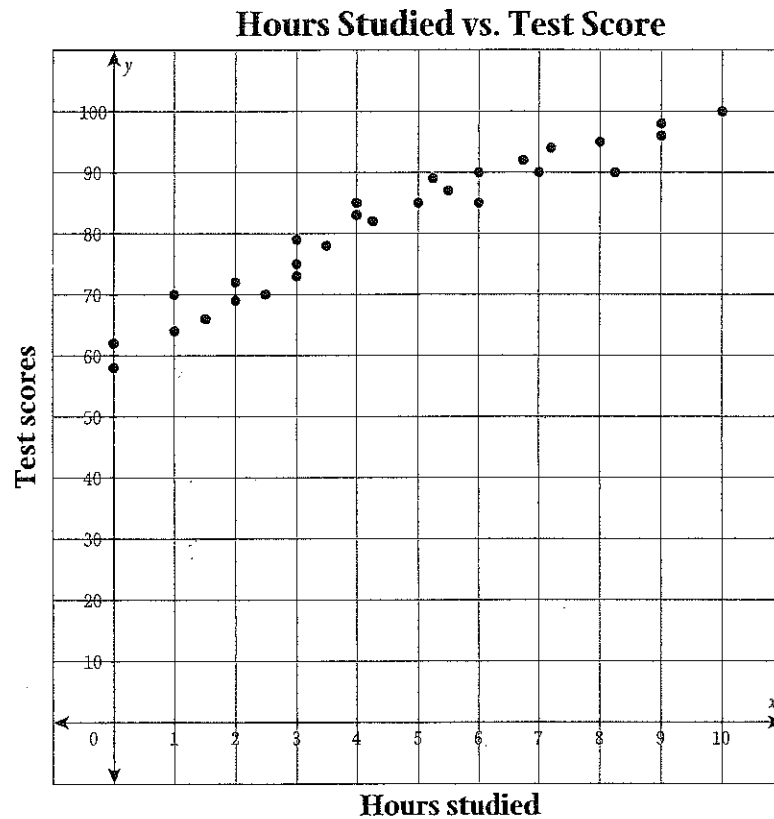
What are some other variables that have a similar relationship?

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### Set 2: Scatter Plots

Discuss the following scatter plot with your group, and then work together to answer the questions.



What two pieces of data are being compared in this scatter plot?

What do you notice about the general trend of the data in this scatter plot?

If you were told that a student spent half an hour studying, about what grade would you expect that student to earn on the test?

What information did you use to make that prediction?