

Name

406

# Fit a Line to Data

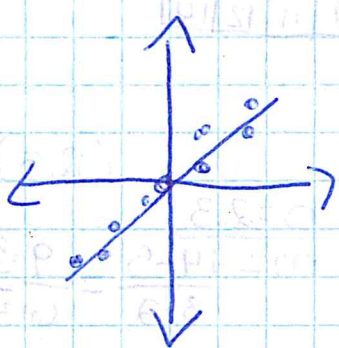
Alg I.

I can make scatter plots and write equations to model data.

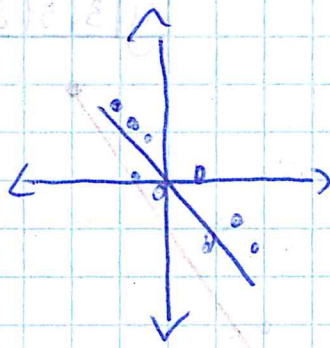
Ch. 4 Quiz

Scatter Plot: A graph used to determine

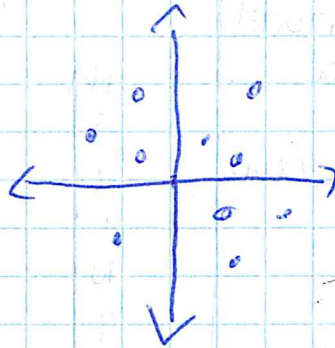
whether there is a relationship between paired data.



Positive Correlation



Negative Correlation



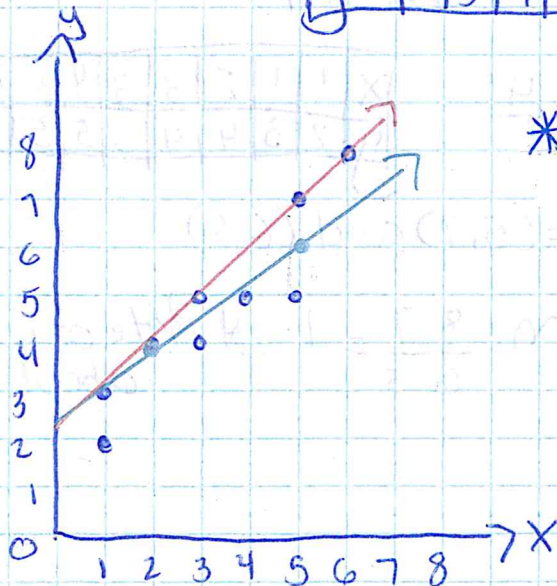
Relatively No Correlation

Example 1: \* Hours of Studying  $\approx 72$

\* Hours of television  $\approx 77$

Example 2:

x	1	1	2	3	3	4	5	5	6
y	2	3	4	4	5	5	5	7	8



\* The scatter plot shows a positive correlation.