

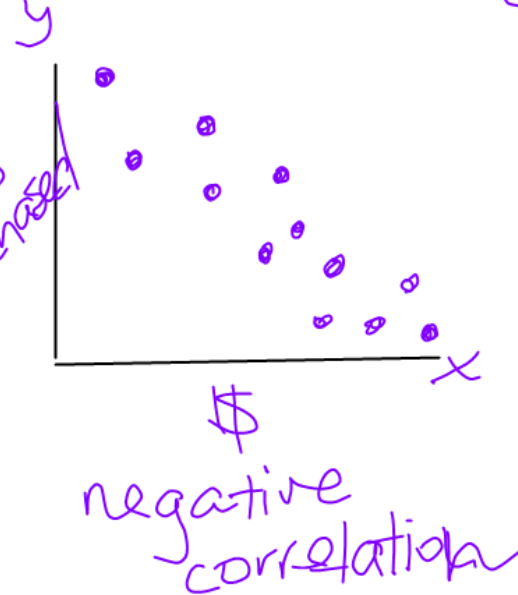
1.5 - Scatterplots

Vocabulary:

- Scatterplot
- Correlation

a graph that shows a correlation between two sets of data

ex: • minutes studied
• grade received

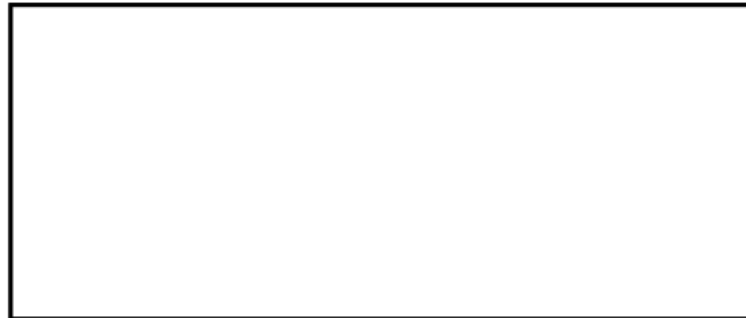
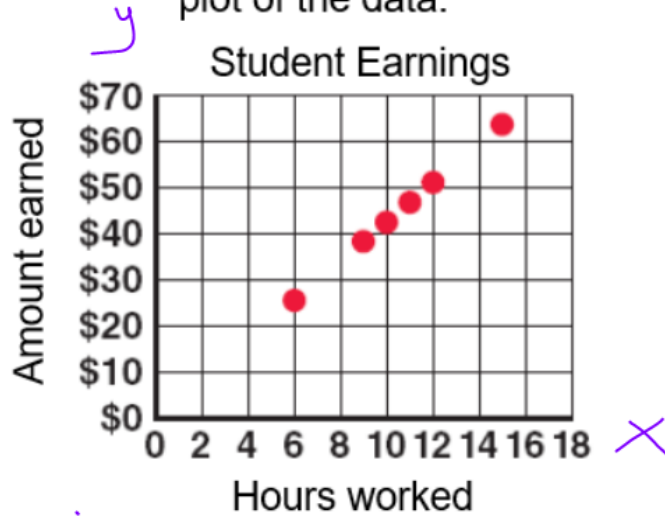


OBJECTIVE 1

1 EXAMPLE

The table shows the number of hours worked and the amount of money each person earned. Make a scatter plot of the data.

| Name | Hours worked | Amount earned |
|----------|--------------|---------------|
| Janel | 6 | \$25.00 |
| Roscoe | 12 | \$51.00 |
| Victoria | 11 | \$46.75 |
| Alex | 9 | \$38.25 |
| Jordan | 15 | \$63.75 |
| Jennifer | 10 | \$42.50 |



| | |
|---|-------|
| x | hours |
| y | \$ |

pg. 35

Describe the trend in each scatter plot below.

#3. negative correlation

#4. positive correlation

#5. no correlation

Homework Problems:

pg. 35 #7, 9, 12, 15, 26, 27

