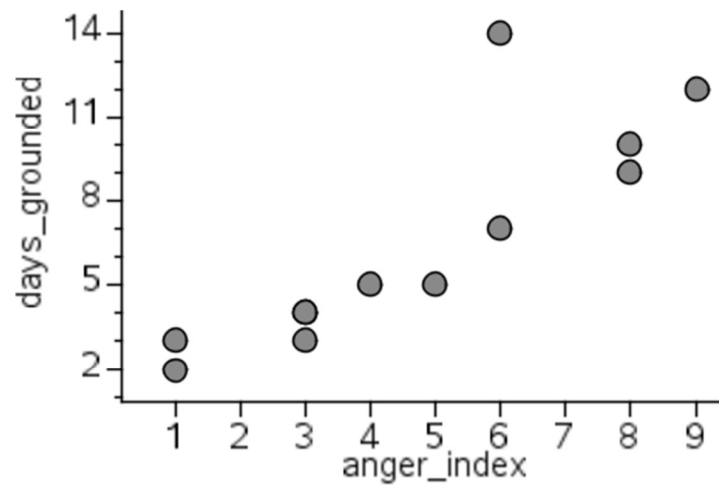


Represent bivariate data using scatter plots, Practice Set A

Name:

Date:

1. The following graph describes the relationship between a parent's anger index and the number of days the parent's child is grounded after an argument.



- a. Describe the relationship between the parent's anger index and the number of days the parent's child is grounded after an argument.
- negative association
 - positive association
 - no association
 - not enough information to determine

- b. Fill in the blank with the most appropriate word.

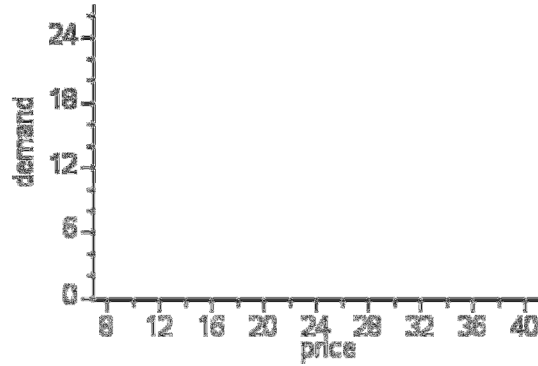
_____ values of the parent's anger index are associated with low values of the number of days the parent's child is grounded after an argument.

- a. high
- b. low
- c. not enough information to determine

2. The following data describes the price at which a dozen roses is sold by Frank's Flowers, and the quantity demanded by members of the community.

Price	Quantity Demanded
10	25
15	21
20	17
25	13
30	9
35	5
40	1

- a. Create a scatter plot for this data.



b. Describe the relationship the price at which Frank's Flowers is willing to sell a dozen roses and the demand by the community.

c. Fill in the blank with the appropriate word.

_____ values of the price at which Frank's Flowers is willing to sell a dozen roses are associated with low values of demand by the community.

- a. high
- b. low
- c. not enough information to determine