

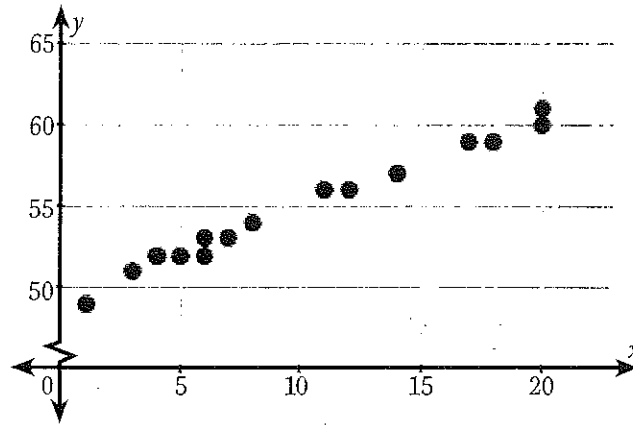
NAME: _____

Statistics and Probability

Set 2: Scatter Plots

Station 2

Work with your group to examine the scatter plot below and answer questions 1–3.



1. Describe the relationship you see between the two sets of data.
2. If you were to guess at the y -value that might correspond to an x -value of 25, what would you say?
3. If you were to guess at the x -value that might correspond to a y -value of 63, what would you say?

continued

NAME: _____

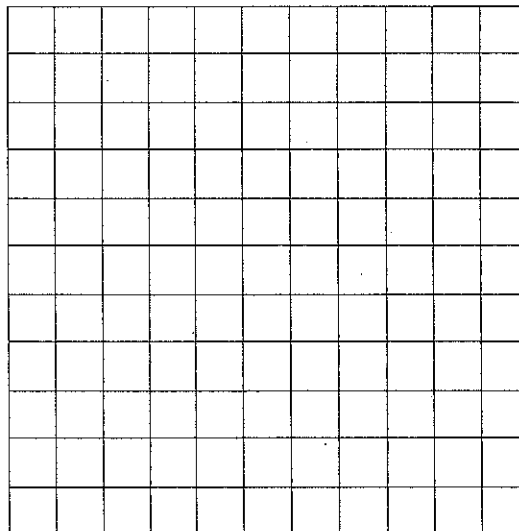
Statistics and Probability

Set 2: Scatter Plots

The table below shows the number of hours a person spent in the mall and the number of dollars that person spent. Use the table to answer questions 4 and 5.

Hours in mall (x)	Dollars spent (y)
10	40
8	15
9	24
3	20
1	10
2	35
5	50
6	70
7	18
8	25
2	100
3	60

4. Make a scatter plot of the data. Label both axes and title your graph.



continued

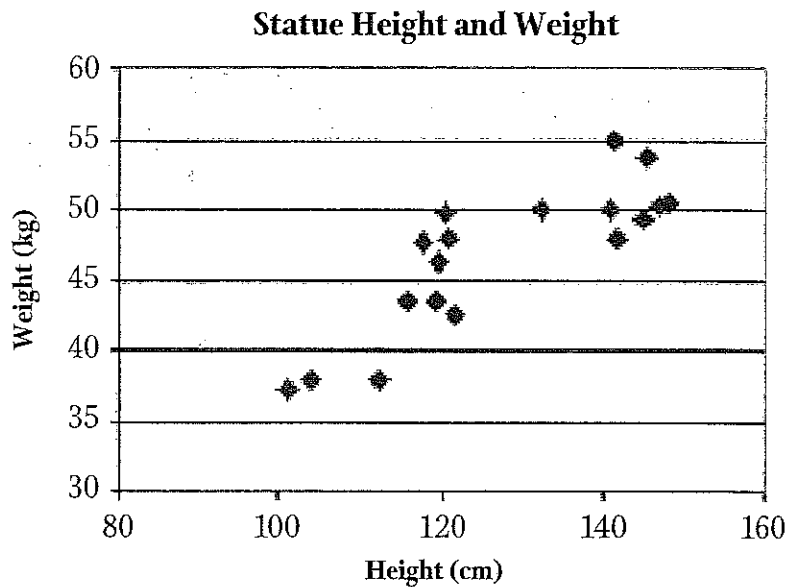
NAME: _____

Statistics and Probability

Set 2: Scatter Plots

5. Describe the relationship you see in the scatter plot you made on the previous page.

Examine the scatter plot below. Use it to answer question 6.



6. What relationship, if any, do you see between the height and the weight of these 18 statues?