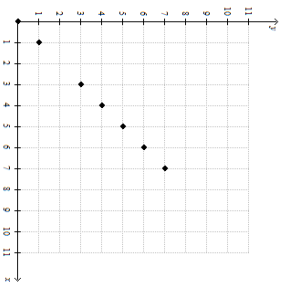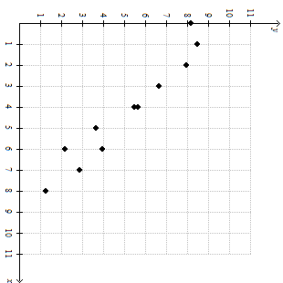What type of association does the graph show between x and y?

a. Positive and linear   c. Negative and linear
b. Positive and nonlinear   d. Negative and non linear

What type of association does the graph show between x and y?

a. Negative and non linear   c. Positive and linear
b. Negative and linear   d. Positive and nonlinear

What type of association does the graph show between x and y?

a. Negative and linear   c. Negative and non linear
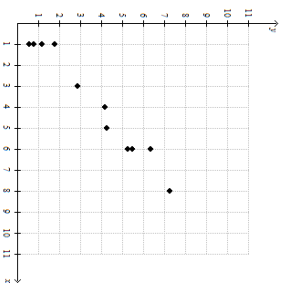b. Positive and linear   d. Positive and nonlinear

1

What type of association does the graph show between x and y?

a. Positive and nonlinear   c. Positive and linear
b. Negative and linear   d. Negative and non linear

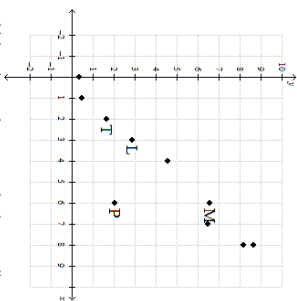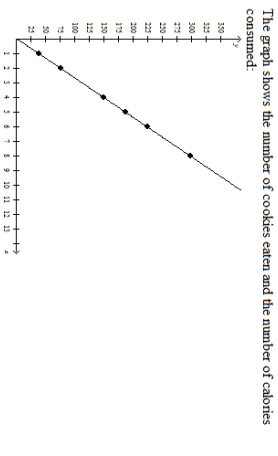www.mrtownsend.com

Which point on the scatter plot is an outlier?

a. Point L
b. Point M

c. Point T
d. Point P

What type of association will the scatter plot for this data represent between the number of people in a group and the zoo ticket price per person?

People in Group	1	3	5	6	8	10
Ticket Price per Person	$12.30	12.10	11.90	11.80	11.60	11.40

a. Negative nonlinear association
b. Positive linear association

c. Positive nonlinear association
d. Negative linear association

The graph shows the number of cookies eaten and the number of calories consumed.
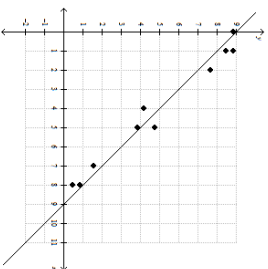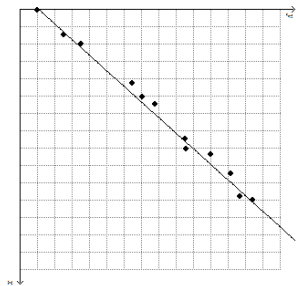

Which statement best describes the relationship between the number of cookies eaten and the number of calories consumed?

a. No relationship can be determined.
b. As the number of cookies eaten decreases, the calories consumed increases.
c. As the number of cookies eaten increases, the calories consumed decreases.
d. As the number of cookies eaten increases, the calories consumed increases.
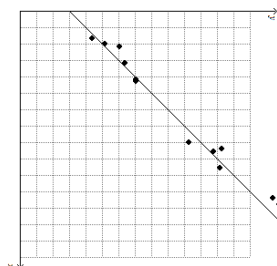
A scatter plot and a possible line of best fit is shown. Is the line of best fit accurate for the data shown?

a. No, because the line does not touch any points.
b. No, because the line should touch every point.
c. Yes, because it touches the y-axis.
d. Yes, because it passes through the center of the data points.

2

Create a question for the graph above and answer it. Include at least three complete sentences in your response.

If the x values represent the awesomeness of a person, and the y values represent each person's skill at hula hooping. What can you conclude from the information shown? Support your answer. Include at least three sentences in your response.