
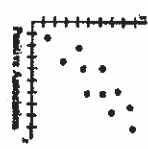
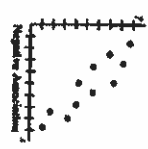

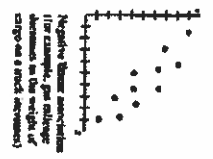
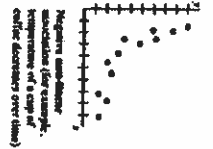
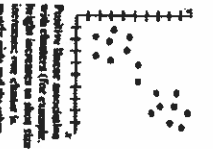


Essential Question: What are different ways you can describe the relationship between the two things on any graph?

Questions:	Notes:	
1. _____	<div data-bbox="1112 1344 1258 1470" style="text-align: center;">  <p>METHODS AND MEANINGS</p> </div> <p style="text-align: center;">Describing Association – Part 1</p> <p>MATH NOTES</p> <p>An association (relationship) between two numerical variables can be described by its form, direction, strength, and outliers.</p> <p>If one variable increases as the other variable increases, there is said to be a positive association. If one variable increases as the other variable decreases, there is said to be a negative association. If there is no relationship between the variables, then the points in the scatterplot have no association. An example of each situation is illustrated below.</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="820 1438 966 1585">  <p style="text-align: center;">Positive Association</p> </div> <div data-bbox="820 1596 966 1743">  <p style="text-align: center;">Negative Association</p> </div> <div data-bbox="820 1753 966 1900">  <p style="text-align: center;">No Association</p> </div> </div> <p>When there is a positive or negative association, the shape of the pattern is called the form of the association. Associations can have a linear form or a non-linear form, and the form can be made up of clusters of data. See some examples below.</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="479 1428 690 1585">  <p style="text-align: center;">Negative linear association (A cluster of outliers is shown in the top right corner as a red square.)</p> </div> <div data-bbox="479 1596 690 1743">  <p style="text-align: center;">Negative non-linear association (For example, height increases as hair size increases in a non-linear way.) (A cluster of outliers is shown in the bottom left corner as a red square.)</p> </div> <div data-bbox="479 1753 690 1900">  <p style="text-align: center;">Positive linear association (For example, height increases as hair size increases in a linear way.) (A cluster of outliers is shown in the top right corner as a red square.)</p> </div> </div>	

<p>Answer the essential question:</p>		