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Unit 4 vocab Crossword puzzle

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| **Across**  **1.** A method of showing how data are distributed by using the median, quartiles, and minimum and maximum values  **4.**  is the middle value between the median and the highest value of the data set.  **9.** place the numbers you are given in value order and find the middle number.  **10.**  a calculated "central" value of a set of numbers.  **12.** a diagram consisting of rectangles whose area is proportional to the frequency of a variable and whose width is equal to the class interval.  **13.** The line of fit for which the sum of the squares of the residuals is as small as possible.  **14.** A data value that is far removed from the rest of the data  **15.** is the difference between the observed y-value (from scatter plot) and the predicted y-value (from regression equation line).  **16.** points that show the relationship between two sets of data. | **Down**  **2.** is defined as the middle number between the smallest number and the median of the data set.  **3.** is a measure of variability, based on dividing a data set into quartiles.  **5.** A statistical method used to fit a linear model to a given data set.  **6.** is the value that occurs most often.  **7.**  The line that comes closest to all the points in a data set.  **8.**  is the difference between the highest and lowest values in the set.  **11.** A mesure of the strength and direction of the relationship between two variables or data sets |