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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 |