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Algebra crossword puzzle

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| **Across**  **4.** value that appears most often in a set of data  **5.** models the relationship between a scalar dependent variable y and one or more explanatory variable  **10.** mean absolute deviation  **11.** lowest number in the data set  **13.** also known as the mean or average of the data set  **14.** A distribution is not symmetric; they are not mirror images of each other  **16.** chart consisting of data points plotted on a fairly simple scale.  **17.** correlation requires two scores of the same individuals  **18.** third quartile of the rank-ordered data set  **19.** interquartile range  **20.** the branch of mathematics dealing with numerical data  **23.** made with the 5 number summary  **24.** An experiment in which a set number of trials is used.  **25.** includes the range, quartiles, and interquartile range  **26.** bar graph | **Down**  **1.** the science of data  **2.** a number between −1 and +1 calculated so as to represent the linear dependence of two variables or sets of data  **3.** collection of data from every element in popultion  **6.** determined by adding all the data points in the population and then dividing the total by the number of points  **7.** A numerical quantity measuring some aspect of a population of scores  **8.** usually two variables are observed, not manipulated  **9.** used to display the relationship between two quantitative variables  **12.** first quartile of the rank-ordered data set  **15.** facts and statistics collected together for reference or analysis  **21.** highest number in the data set  **22.** the middle point of a frequency distribution of observed values or quantities |