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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Algebra 1

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| **Across**  **2.** a table that divides responses into two categories  **4.** trend line that shows the relationship between two sets of data  **9.** measures the strength of the linear relationship between two quantitative variables  **11.** graph consisting of points plotted on a simple scale  **12.** the number that occurs most often in a set of numbers  **13.** concise graph showing the five point summery  **15.** data concentrated towards the lower range of the data  **21.** measure of how likely an event will occur  **22.** the largest number in a set of numbers  **23.** displays continuous data in ordered columns  **25.** data has two clear peaks  **26.** used to determine the variability of data  **28.** the measure of the difference in things with the mean as a reference  **29.** the middle number in a set of numbers that are listed in order  **30.** data concentrated towards the higher range of the data  **31.** the median of the lower half of a data set | **Down**  **1.** a graph of a set of ordered pairs  **3.** table values excluding the total row and total coulmn  **5.** data is equally spread; no real peaks  **6.** the difference between the largest and smallest number in a set  **7.** denoted by r, a number from -1 to 1 that measures how well a line fits a set of data pairs (x,y)  **8.** the difference between the upper and lower quartiles  **10.** the median of the upper half of a data set  **14.** a value that is much smaller or larger than the rest of the values in the set  **16.** table values in the total row and total column  **17.** data has one clear peak  **18.** data concentrated towards the middle of the range of data  **19.** can be compared by examining the differences and similarities between measures of center, shape & spread  **20.** the smallest number in a set of numbers  **24.** the average values of numbers in a set  **27.** the spread of the data can be seen by looking at the \_\_\_\_\_\_\_\_ of the data graphically |

   mean       median       mode       maximum       minimum       range       lower quartile       upper quartile       interquartile range       dot plot       histogram       box plot       mean absolute deviation       variability       scatterplot       correlation       correlation coefficient       line of best fit       probability       data sets       shape       symmetrical       skewed right       skewed left       uniformity       bimodal       unimodal       outliers       marginal frequencies       joint frequencies       two-way frequency