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

Statistics Vocab Review

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|  |  |  |  |  |  |  |  |  | 12  S | T | E | M | P | L | O | T |  |  |  | 13  S | K | E | W | E | D |  |  |  |  |
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|  |  |  |  |  | 15  O | B | S | E | R | V | A | T | I | O | N | A | L | S | T | U | D | Y |  |  |  |  |  |  |  |
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|  |  |  |  |  |  | 18  V | O | L | U | N | T | A | R | Y | R | E | S | P | O | N | S | E |  |  |  |  |  |  |  |
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| **Across**  **4.** variable that represents a numeric quantity  **5.** a least squares regression line is used to make a \_\_\_\_\_  **8.** descriptor for the direction of a scatter plot that rises as its explanatory variable increases  **12.** a graphic organization of data that includes 2 columns and a key  **13.** when the data tails to the right or left, pulling the mean toward the tail  **15.** watching subjects or reviewing records of subjects to obtain information about the population  **16.** graphical display of the relationship between 2 quantitative variables  **18.** a sample survey where subjects choose themselves to participate  **19.** a graphical display used to show a five number summary  **20.** subjects of an experiment or survey | **Down**  **1.** the density curve that is single peaked with the mean at its center  **2.** a descriptor used for a data distribution when the graph looks roughly the same on both sides of the mean  **3.** data values that are more than 2 standard deviations from the mean  **6.** descriptor for the variety of data, also describes the difference between max and min  **7.** 25% of the data lies below this point  **9.** Difference between observed value and expected value  **10.** the center value of a data distribution  **11.** the average value of a distribution  **14.** a sample chosen by by chance  **17.** numeric value describing the relationship between 2 quantitative variable in a scatter plot |