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

Statistics

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|  |  |  |  |  | 2  H | Y | P | O | T | H | E | S | I | S |  |  |  |  |  |
|  |  |  |  | 3  M |  |  |  |  | A |  |  |  |  |  |  | 4  C |  |  |  |
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|  | 6  H |  |  | D |  |  | 7  V |  | 8  M | E | A | N |  | 9  F | E | N | C | E | S |
|  | I |  |  | I |  |  | A |  |  |  |  | D |  |  |  | F |  |  |  |
|  | S |  |  | A |  |  | R |  | 10  T |  |  | I |  |  |  | O |  |  |  |
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| 12  M | O | D | E |  | 13  S | T | A | T | I | S | T | I | C | S |  | N |  | 14  T |  |
|  | G |  |  | 15  S |  |  | N |  | A |  |  | D |  | C |  | D |  | R |  |
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| 16  P | A | R | A | M | E | T | E | R |  |  |  | A |  | 17  R | A | N | G | E |  |
|  | M |  |  | P |  |  |  |  | 18  V |  |  | L |  | E |  | G |  |  |  |
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| 19  D | I | S | P | E | R | S | I | O | N |  |  |  |  |  |  |  |  |  |  |
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| **Across**  **2.** a statement regarding a characteristic of one or more populations  **8.** a number computed by adding all the values of the variable in the data set and dividing by the number of observations  **9.** serve as cutoff points for determining outliers  **12.** the most frequent observation of the variable that occurs in the data set  **13.** the science of collecting, organizing, summarizing, and analyzing information to draw conclusions or answer questions  **16.** a numerical summary of a population  **17.** : the difference between the largest and the smallest data value  **19.** the degree to which the data are spread out  **20.** : the characteristics of the individuals within the populations | **Down**  **1.** The list of observed values for a variable  **3.** the value that lies in the middle of the data when arranged in ascending order  **4.** occurs when the effects of two or more explanatory variables are not separated  **5.** a person or object that is a member of the population being studied  **6.** a graph constructed by drawing rectangles for each class of data  **7.** the square of the standard deviation  **10.** each repetition of an experiment  **11.** the distance that a data value is from the mean in terms of the number of standard deviations  **14.** a type of diagram that lists the equally likely outcomes of an experiment using branches  **15.** a subset of the population that is being studied  **18.** a type of diagram that represents events as circles enclosed in a rectangle |