

Student Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Section 1: Multiple Choice

### 1. Best graph for two continuous variables:

- Bar graph
- Pie chart
- Scatter plot
- Histogram

### 2. Mean is calculated by:

- Arranging in order
- Finding most common
- Adding all / dividing by n
- Finding middle value

### 3. Negative correlation means:

- Both increase together
- As one increases other decreases
- No relationship
- Variables are equal

### 4. An outlier in a dataset:

- Should always be removed
- Is a value far from others
- Makes data more accurate
- Is the average

### 5. Standard deviation tells us:

- The average
- How spread out data is
- The highest value
- The sample size

## Section 2: Short Answer

### 1. Describe two ways to display data and when each is most appropriate.

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### 2. Dataset: 12, 14, 14, 15, 18, 100. Calculate mean and median. Which better represents the data? Why?

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3. What does a line of best fit on a scatter plot tell us?

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**Multiple Choice Answers:**

1. C
2. C
3. B
4. B
5. B