

Understanding Line Plots

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Review Questions on Analyzing Line Plot Data

Name: _____

Date: _____

Answer the following questions based on what you learned about analyzing line plots.

1. What is a line plot and how is it used to represent data?

2. What is the mode in a set of data?

- A. The smallest number
- B. The largest number
- C. The most frequent value

3. A line plot can help us find patterns in data.

True False

4. Understanding data can help us make _____ decisions.

5. What did Proverbs 16:16 teach us about wisdom and understanding?

6. How do we calculate the total value from a line plot?

- A. By adding all the data points together
- B. By finding the mode
- C. By counting the number of points

7. Line plots only show the highest value in a data set.

True False

8. The scale on a line plot helps us understand the _____ of the data.

9. Why is it important to identify the scale and labels on a line plot?

10. What can we learn by analyzing line plot data?

- A. Only the highest number
- B. Patterns and trends
- C. Nothing useful

Answer Key

1. A line plot is a graph that shows data points along a number line. It helps us see how many times each value occurs. 2. The most frequent value 3. True 4. wise 5. It teaches that gaining wisdom is more valuable than material things like gold or silver. 6. By adding all the data points together 7. False 8. distribution 9. It helps us accurately read and interpret the data being represented. 10. Patterns and trends