

Line Plots with Fractional Data

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Understanding and Creating Line Plots

Name: _____

Date: _____

Answer the following questions based on what you've learned about line plots and fractional measurements.

1. What fractions are we focusing on in this lesson?

- A. Halves, fourths, and eighths
- B. Thirds and sixths
- C. Whole numbers

2. Why might scientists and researchers use line plots?

3. A false balance is an abomination to Yahweh, but a just weight is his ____.

4. Line plots can only represent whole numbers.

- True False

5. How can accurate measurement help us understand the world God created?

- A. It allows us to create art
- B. It helps us explore scientific truths
- C. It makes math easier

6. What did you learn about representing data using line plots?

7. To create a line plot, we must mark data points on a number line using ____ measurements.

8. Careful measurement is important when creating accurate line plots.

- True False

9. What is one skill emphasized in this lesson?

- A. Drawing pictures
- B. Careful measurement
- C. Writing stories

10. How does creating accurate line plots glorify God?

Answer Key

1. Halves, fourths, and eighths 2. Because line plots help visualize data clearly, making it easier to analyze and interpret results. 3. delight 4. False 5. It helps us explore scientific truths 6. I learned that line plots allow us to show how many times a measurement occurs at different fractional intervals. 7. fractional 8. True 9. Careful measurement 10. Creating accurate line plots shows respect for the truth and the order that God has created in the world.