

Graphing Patterns Review

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Understanding Coordinate Grids and Patterns

Name: _____

Date: _____

Answer the following questions based on what you learned about graphing and patterns.

1. What did you learn about graphing ordered pairs on a coordinate grid?

2. What does the X-axis represent on a coordinate grid?

- A. Vertical movement
- B. Horizontal movement
- C. Diagonal movement

3. The Y-axis represents ____ movement on a coordinate grid.

4. Ordered pairs tell us where to plot points on a coordinate grid.

- True False

5. How do mathematical patterns show God's creativity in creation?

6. What is the purpose of plotting points on a coordinate grid during the treasure hunt?

- A. To find hidden images
- B. To create random shapes
- C. To practice addition

7. Proverbs 3:19 reminds us that God used ____ and understanding to create the earth and heavens.

8. The Y-coordinate is always listed first in an ordered pair.

- True False

9. What connections can you see between numbers and their graphed positions on the grid?

10. Which of the following best describes a linear pattern?

- A. A straight line
- B. A curved line
- C. A zigzag line

Answer Key

1. I learned how to plot points using X and Y coordinates. 2. Horizontal movement 3. vertical 4. True 5. Mathematical patterns reflect the order and design found in nature, showing how God planned everything. 6. To find hidden images 7. wisdom 8. False 9. The numbers determine where the points fall, showing a relationship in their locations. 10. A straight line