

# Coordinate Plane Art Review

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## Understanding the Coordinate Plane

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

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

Answer the following questions based on what you learned about creating art on the coordinate plane.

1. What is the purpose of using coordinates in art creation?

- A. To create random designs
- B. To accurately plot points and create shapes
- C. To memorize numbers

2. Explain how you created your picture using coordinate points. What steps did you take?

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3. Using precision in plotting points is important for creating clear art on the coordinate plane.

- True       False

4. By using coordinate points, we can create \_\_\_\_ and images on a grid.

5. What did Proverbs 3:19 remind us about God's creation?

- A. He created randomly
- B. He used wisdom and understanding
- C. He created everything in chaos

6. What kinds of pictures do you think you can create using the coordinate plane? Give an example.

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7. Connecting points on the coordinate plane can create shapes and images.

- True       False

8. Using the coordinate plane, I can develop \_\_\_\_ and creativity in my mathematical thinking.

9. Which of the following is a benefit of creating art using the coordinate plane?

- A. It helps improve memory
- B. It makes math more fun and creative
- C. It avoids the use of numbers

10. What was challenging about creating your picture? Describe any difficulties you faced.

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### Answer Key

1. 1 2. I plotted points on the grid based on the coordinates I chose. Then, I connected the points to form shapes. Finally, I added details to make my picture clearer. 3. True 4. shapes 5. He used wisdom and understanding 6. I can create geometric shapes like squares and triangles or even simple pictures like a house or a tree using points on the coordinate plane. 7. True 8. precision 9. It makes math more fun and creative 10. I found it difficult to remember the exact coordinates for some points, which made it hard to connect them correctly. I also had to be careful not to make mistakes when plotting the points.