

# Review of the Coordinate Plane

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## Understanding the Basics of the Coordinate System

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

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

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

1. What is the x-axis on a coordinate plane?

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

2. Explain what the origin is and its coordinates. Include why it is important.

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3. The coordinate plane is divided into \_\_\_ quadrants.

4. The y-axis is the horizontal line on a coordinate plane.

- True       False

5. Which quadrant is located in the top right of the coordinate plane?

- A. Quadrant I
- B. Quadrant II
- C. Quadrant III

6. How do coordinate planes reflect God's orderly design in creation?

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7. The point where the x-axis and y-axis meet is called the \_\_\_.

8. There are three quadrants in a coordinate plane.

- True       False

9. What does the term 'quadrant' refer to in a coordinate plane?

- A. A section of the plane
- B. A type of graph
- C. A line on the axis

10. Where do we see similar mapping in real life? Provide an example.

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Answer Key

1. Horizontal line 2. The origin is where the x-axis and y-axis intersect, and its coordinates are (0,0). 3. four 4. False 5. Quadrant I 6. Coordinate planes show how things can be organized and mapped out in a logical way, just like how God designed the universe with order and purpose. 7. origin 8. False 9. A section of the plane 10. We see similar mapping in real life in maps of cities, where streets are organized in a grid pattern, making it easier to find locations.