

# Coordinate Plane Challenge Day Review

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## Understanding Graphing on the Coordinate Plane

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

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

Answer the following questions based on what you learned about the coordinate plane and how it connects to our faith.

1. What do the x and y axes represent on a coordinate plane?

- A. Distance and direction
- B. Horizontal and vertical lines
- C. North and south

2. In a coordinate plane, the point where the x-axis and y-axis meet is called the \_\_\_\_.

3. How might navigation skills help explorers in their journeys?

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4. The coordinate plane has four quadrants.

- True       False

5. How is plotting a course on a coordinate plane similar to following God's plan for our lives?

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6. Which quadrant is where both x and y coordinates are positive?

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

7. To find a treasure on a map, you must first identify the correct \_\_\_\_ and \_\_\_\_.

8. You should lean on your own understanding when navigating challenges in life.

- True       False

9. Where do we see coordinate systems in real life? Give two examples.

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10. What is the main purpose of using the coordinate plane in math?

- A. To create art
- B. To plot points and understand relationships
- C. To measure distances

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Answer Key

1. Horizontal and vertical lines 2. origin 3. Navigation skills help explorers find their way, avoid dangers, and reach their destinations safely. They use maps and coordinates to guide them. 4. True 5. Both require careful planning and trust. Just as we plot points to reach a destination, we need to trust God to guide us in making the right choices. 6. Quadrant I 7. coordinates 8. False 9. Coordinate systems are used in maps for navigation and in video games to position characters. They help us locate and interact with different areas. 10. To plot points and understand relationships