



Coordinate Plane

Name: _____

Date: _____

Grade: Grade 5

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: The y-axis is the horizontal line on a coordinate plane.

Rewrite: _____

2. Fix the sentence: The ordered pair (0, 9) is located 9 units to the right of the origin.

Rewrite: _____

3. Fix the sentence: In the ordered pair (x, y), the second number tells how far to move right.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. In the ordered pair (5, 9), the x-coordinate is _____.

2. The ordered pair (8, 0) lies on the _____-axis.

3. To plot (4, 6), move 4 units _____ and 6 units up.

4. A point with a y-coordinate of 0 lies on the _____-axis.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. What do all points on the x-axis have in common? Give an example.

2. Carlos plotted the point (7, 3) by moving 3 units right and 7 units up. What mistake did he make?

Answer Key · Coordinate Plane · Grade: Grade 5

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: The y-axis is the horizontal line on a coordinate plane.

Rewrite: **The y-axis is the vertical line on a coordinate plane.**

2. Fix the sentence: The ordered pair (0, 9) is located 9 units to the right of the origin.

Rewrite: **The ordered pair (0, 9) is located 9 units up from the origin.**

3. Fix the sentence: In the ordered pair (x, y), the second number tells how far to move right.

Rewrite: **In the ordered pair (x, y), the second number tells how far to move up.**

Part B: Fill in the Blank

Write the missing word or number on each line.

- In the ordered pair (5, 9), the x-coordinate is 5.
- The ordered pair (8, 0) lies on the x-axis.
- To plot (4, 6), move 4 units right and 6 units up.
- A point with a y-coordinate of 0 lies on the x-axis.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. What do all points on the x-axis have in common? Give an example.

All points on the x-axis have a y-coordinate of 0. For example, (5, 0) sits on the x-axis because you move 5 units right but 0 units up.

2. Carlos plotted the point (7, 3) by moving 3 units right and 7 units up. What mistake did he make?

Carlos switched the coordinates. The first number is the x-coordinate, so he should move 7 units right. The second number is the y-coordinate, so he should move 3 units up. The correct plot goes 7 right and 3 up.
