



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 point at 3 right and 5 up is written as (5, 3).

Rewrite: _____

2. Fix the sentence: To reach point A at (4, 2), go up 4 and right 2 from the origin.

Rewrite: _____

3. Fix the sentence: The origin of the coordinate plane is located at (1, 1).

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

- In the ordered pair (7, 2), the x-coordinate is _____.
- In the ordered pair (3, 8), the y-coordinate is _____.
- A point at the origin is written as (_____ , _____).
- The ordered pair (6, 0) lies on the _____-axis.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Explain the difference between the points (2, 5) and (5, 2) on a coordinate plane.

2. Maya says the point 4 units right and 6 units up from the origin is (6, 4). Is she correct? Explain.

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 point at 3 right and 5 up is written as (5, 3).

Rewrite: The point at 3 right and 5 up is written as (3, 5).

2. Fix the sentence: To reach point A at (4, 2), go up 4 and right 2 from the origin.

Rewrite: To reach point A at (4, 2), go right 4 and up 2 from the origin.

3. Fix the sentence: The origin of the coordinate plane is located at (1, 1).

Rewrite: The origin of the coordinate plane is located at (0, 0).

Part B: Fill in the Blank

Write the missing word or number on each line.

- In the ordered pair (7, 2), the x-coordinate is 7.
- In the ordered pair (3, 8), the y-coordinate is 8.
- A point at the origin is written as (0, 0).
- The ordered pair (6, 0) lies on the x-axis.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Explain the difference between the points (2, 5) and (5, 2) on a coordinate plane.

The point (2, 5) is 2 units right and 5 units up from the origin, while (5, 2) is 5 units right and 2 units up. Switching the numbers changes the location because the first number is always the x-coordinate and the second is the y-coordinate.

2. Maya says the point 4 units right and 6 units up from the origin is (6, 4). Is she correct? Explain.

Maya is not correct. The correct ordered pair is (4, 6). The x-coordinate comes first and shows distance right, so 4 right means $x = 4$. The y-coordinate shows distance up, so 6 up means $y = 6$.
