



# Coordinate Plane

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

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

Grade: Grade 5

## Part A: Multiple Choice

Circle the best answer for each question.

1. On a zoo map grid, the lions are at (2, 4) and the gift shop is at (7, 4). How far apart are they?

- A) 4 units
- B) 7 units
- C) 5 units
- D) 3 units

2. A game character at (3, 2) collects a coin at (3, 6) then walks to a door at (7, 6). What total distance does the character travel?

- A) 10 units
- B) 7 units
- C) 8 units
- D) 6 units

3. A treasure map shows clues at (1, 1), (1, 4), (5, 4), and (5, 1). What shape do these clues form?

- A) triangle
- B) square
- C) rectangle
- D) pentagon

4. The school is at (2, 5) and the library is at (2, 1). A park is exactly halfway between them. Where is the park?

- A) (2, 2)
- B) (2, 4)
- C) (2, 3)
- D) (1, 3)

## Part B: Fill in the Blank

Write the correct answer on each line.

1. On a camp map, the lake is at (1, 3) and the cabin is at (6, 3). The distance between them is \_\_\_\_\_ units.

2. A robot goes from (0, 0) to (4, 0), then to (4, 5). The total distance it travels is \_\_\_\_\_ units.

3. A flower bed has corners at (2, 1), (8, 1), (8, 4), and (2, 4). Its area is \_\_\_\_\_ square units.

4. A race course goes (0,0)→(5,0)→(5,5)→(0,5)→(0,0). The total distance is \_\_\_\_\_ units.

5. A bus goes from stop A at (1, 2) to stop B at (1, 7), then to stop C at (4, 7). The total route is \_\_\_\_\_ units.

**Part A: Multiple Choice**

Circle the best answer for each question.

1. On a zoo map grid, the lions are at (2, 4) and the gift shop is at (7, 4). How far apart are they?

- A) 4 units
- B) 7 units
- C) 5 units
- D) 3 units

2. A game character at (3, 2) collects a coin at (3, 6) then walks to a door at (7, 6). What total distance does the character travel?

- A) 10 units
- B) 7 units
- C) 8 units
- D) 6 units

3. A treasure map shows clues at (1, 1), (1, 4), (5, 4), and (5, 1). What shape do these clues form?

- A) triangle
- B) square
- C) rectangle
- D) pentagon

4. The school is at (2, 5) and the library is at (2, 1). A park is exactly halfway between them. Where is the park?

- A) (2, 2)
- B) (2, 4)
- C) (2, 3)
- D) (1, 3)

**Part B: Fill in the Blank**

Write the correct answer on each line.

1. On a camp map, the lake is at (1, 3) and the cabin is at (6, 3). The distance between them is 5 units.
2. A robot goes from (0, 0) to (4, 0), then to (4, 5). The total distance it travels is 9 units.
3. A flower bed has corners at (2, 1), (8, 1), (8, 4), and (2, 4). Its area is 18 square units.
4. A race course goes  $(0,0) \rightarrow (5,0) \rightarrow (5,5) \rightarrow (0,5) \rightarrow (0,0)$ . The total distance is 20 units.
5. A bus goes from stop A at (1, 2) to stop B at (1, 7), then to stop C at (4, 7). The total route is 8 units.