



Coordinate Plane

Name: _____

Date: _____

Grade: Grade 5

Part A: Multiple Choice

Circle the best answer for each question.

1. A rectangle has three corners at (1, 2), (1, 7), and (6, 7). Where is the fourth corner?

- A) (6, 2)
- B) (7, 6)
- C) (2, 6)
- D) (6, 1)

2. Points A(2,3), B(2,6), and C(5,6) form a right triangle. What is the total distance from A to B to C?

- A) 6 units
- B) 8 units
- C) 5 units
- D) 9 units

3. A point starts at (1, 1), moves 3 units right, then 4 units up, then 2 units right. What are the final coordinates?

- A) (5, 6)
- B) (6, 5)
- C) (3, 4)
- D) (4, 7)

4. Which pair of points is exactly 7 units apart?

- A) (1, 2) and (1, 9)
- B) (0, 3) and (6, 3)
- C) (2, 2) and (2, 8)
- D) (3, 0) and (3, 5)

Part B: Fill in the Blank

Write the correct answer on each line.

1. A square has corners at (2, 3) and (2, 8). The side length is _____ units.
2. A point at (4, 1) moves 3 units right and 5 units up. Its new position is (_____ , _____).
3. The perimeter of a rectangle with corners at (0, 0), (5, 0), (5, 3), and (0, 3) is _____ units.
4. Two points are 6 units apart horizontally. One is at (1, 4). The other is at (_____ , 4).
5. A triangle has vertices at (0, 0), (8, 0), and (4, 6). The length of the base is _____ units.

Part A: Multiple Choice

Circle the best answer for each question.

1. A rectangle has three corners at (1, 2), (1, 7), and (6, 7). Where is the fourth corner?

- A) (6, 2)
- B) (7, 6)
- C) (2, 6)
- D) (6, 1)

2. Points A(2,3), B(2,6), and C(5,6) form a right triangle. What is the total distance from A to B to C?

- A) 6 units
- B) 8 units
- C) 5 units
- D) 9 units

3. A point starts at (1, 1), moves 3 units right, then 4 units up, then 2 units right. What are the final coordinates?

- A) (5, 6)
- B) (6, 5)
- C) (3, 4)
- D) (4, 7)

4. Which pair of points is exactly 7 units apart?

- A) (1, 2) and (1, 9)
- B) (0, 3) and (6, 3)
- C) (2, 2) and (2, 8)
- D) (3, 0) and (3, 5)

Part B: Fill in the Blank

Write the correct answer on each line.

1. A square has corners at (2, 3) and (2, 8). The side length is 5 units.
2. A point at (4, 1) moves 3 units right and 5 units up. Its new position is (7, 6).
3. The perimeter of a rectangle with corners at (0, 0), (5, 0), (5, 3), and (0, 3) is 16 units.
4. Two points are 6 units apart horizontally. One is at (1, 4). The other is at (7, 4).
5. A triangle has vertices at (0, 0), (8, 0), and (4, 6). The length of the base is 8 units.