



# Coordinate Plane

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

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

Grade: Grade 5

## Part A: Fill in the Blank

Write the missing word or number on each line.

1. A rectangle has corners at (1, 1), (1, 5), (7, 5), and (7, 1). Its width is \_\_\_\_\_ units.
2. Using the same rectangle, its length is \_\_\_\_\_ units.
3. The perimeter of that rectangle is \_\_\_\_\_ units.
4. The area of that rectangle is \_\_\_\_\_ square units.
5. A square has corners at (2, 2), (2, 7), (7, 7), and (7, 2). Each side is \_\_\_\_\_ units long.
6. The perimeter of that square is \_\_\_\_\_ units.
7. The area of that square is \_\_\_\_\_ square units.
8. A rectangle with corners at (0, 0), (9, 0), (9, 3), and (0, 3) has a perimeter of \_\_\_\_\_ units.
9. A rectangle with corners at (3, 2), (3, 6), (8, 6), and (8, 2) has an area of \_\_\_\_\_ square units.

## Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each rectangle to its correct area.

Corners at (0, 0), (4, 0), (4, 3), (0, 3)	→ _____	18 square units
Corners at (1, 1), (6, 1), (6, 4), (1, 4)	→ _____	16 square units
Corners at (2, 0), (2, 6), (5, 6), (5, 0)	→ _____	12 square units
Corners at (0, 2), (8, 2), (8, 4), (0, 4)	→ _____	15 square units

## Answer Key · Coordinate Plane · Grade: Grade 5

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### Part A: Fill in the Blank

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Write the missing word or number on each line.

1. A rectangle has corners at (1, 1), (1, 5), (7, 5), and (7, 1). Its width is 4 units.
2. Using the same rectangle, its length is 6 units.
3. The perimeter of that rectangle is 20 units.
4. The area of that rectangle is 24 square units.
5. A square has corners at (2, 2), (2, 7), (7, 7), and (7, 2). Each side is 5 units long.
6. The perimeter of that square is 20 units.
7. The area of that square is 25 square units.
8. A rectangle with corners at (0, 0), (9, 0), (9, 3), and (0, 3) has a perimeter of 24 units.
9. A rectangle with corners at (3, 2), (3, 6), (8, 6), and (8, 2) has an area of 20 square units.

### Part B: Matching

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Match each item on the left to the correct answer on the right.

1. Match each rectangle to its correct area.

Corners at (0, 0), (4, 0), (4, 3), (0, 3)	→ <u>12 square units</u>	18 square units
Corners at (1, 1), (6, 1), (6, 4), (1, 4)	→ <u>15 square units</u>	16 square units
Corners at (2, 0), (2, 6), (5, 6), (5, 0)	→ <u>18 square units</u>	12 square units
Corners at (0, 2), (8, 2), (8, 4), (0, 4)	→ <u>16 square units</u>	15 square units