Rectangles on the Coordinate Plane

FLORIDA GRADE 6 MATH | B.E.S.T. BENCHMARK MA.6.GR.1.3 | STUDENT WORKSHEET

Name: _____ **Date:** _____

Directions: Solve each problem. Show your work in the space provided.

1. A rectangle has vertices (−2, 3), (5, 3), (5, −3), and (−2, −3). What is its area?

2. What is the perimeter of the rectangle in problem 1?

3. Three vertices of a rectangle are (−4, −1), (−4, 3), and (2, 3). Find the fourth vertex.

4. A park has corners at (0, 0), (8, 0), (8, 5), and (0, 5). Each unit is 10 meters. What is the perimeter in meters?

5. A rectangle has vertices (−1, −2), (3, −2), and (3, 4). What is its area?

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Answer Key

1. 42 square units

7 × 6 = 42

2. 26 units

7 + 6 + 7 + 6 = 26

3. (2, −1)

4. 260 meters

8 + 5 + 8 + 5 = 26 units, and 26 × 10 = 260

5. 24 square units

4 × 6 = 24

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