

Unit 7: Shapes on the Coordinate Grid

CONCEPT

Name: _____ Date: _____

Solve each problem. Write coordinates as ordered pairs like (3, 5), and give shape names or yes/no as a single short word.

1. Point A is located at (3, 5). What is the x-coordinate of point A?

Answer: _____

3. Start at the origin. Move right 4 units, then move up 6 units. Write the ordered pair that names your ending point.

Answer: _____

5. On which axis does the point (0, 6) lie? Answer x-axis or y-axis.

Answer: _____

7. The points (1, 4) and (6, 4) lie on the same horizontal line. How many units apart are they?

Answer: _____

9. In the shape hierarchy, every square is also a rectangle. Is this statement true? Answer yes or no.

Answer: _____

11. Three vertices of a rectangle are at (1, 1), (5, 1), and (1, 4). What are the coordinates of the fourth vertex?

Answer: _____

2. Point B is located at (7, 2). What is the y-coordinate of point B?

Answer: _____

4. Write the ordered pair for the origin of a coordinate grid.

Answer: _____

6. The points (2, 3) and (2, 7) lie on the same vertical line. How many units apart are they?

Answer: _____

8. A quadrilateral has 4 right angles and 4 sides that are all equal in length. What is its most specific name?

Answer: _____

10. A quadrilateral has exactly one pair of parallel sides. What is the name of this shape?

Answer: _____

12. A triangle has three sides that are all equal in length. What is the name of this type of triangle?

Answer: _____