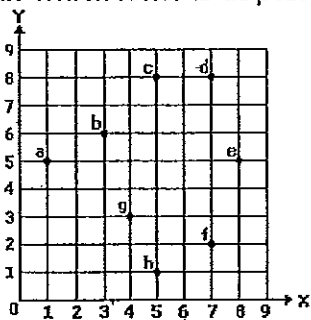


Coordinate Geometry

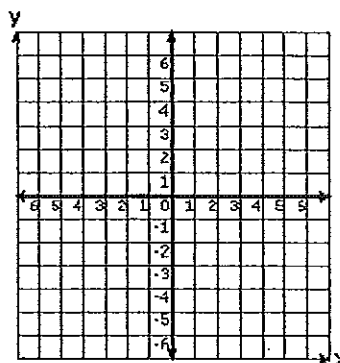
Name _____

1. Which letter is at position (5,8)?



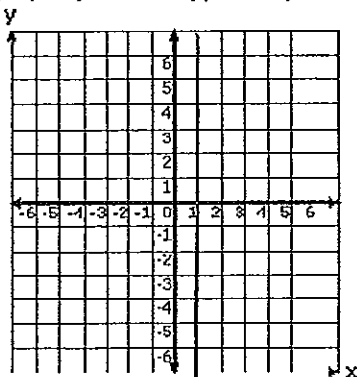
- A. a
- B. d
- C. c
- D. b

2. Pretend you are asked to draw a rectangle on the coordinate plane shown below. Three of its vertices are (-3, -6), (1, -6), and (-3, 6). Which of the following is the coordinate of the fourth vertex?



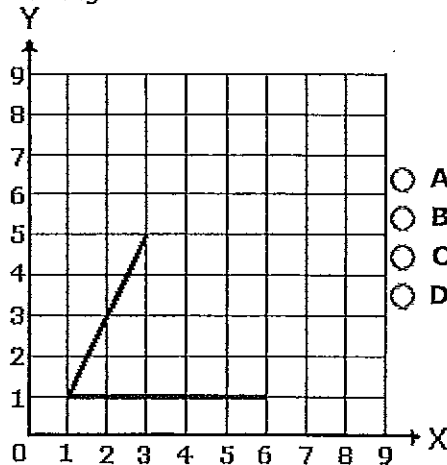
- A. (3, 6)
- B. (-2, 6)
- C. (1, -6)
- D. (1, 6)

3. Pretend you are to draw a quadrilateral on the coordinate plane below. Its vertices are (-2, 2), (2, 2), (-5, -2), and (-1, -2). What type of quadrilateral is it?



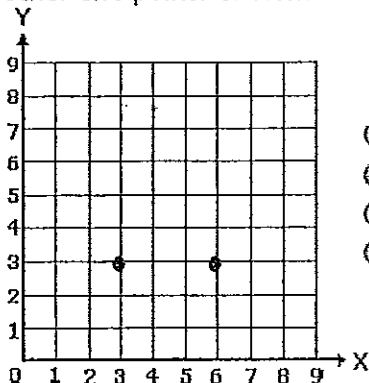
- A. square
- B. trapezoid
- C. rectangle
- D. parallelogram

4. If you were to complete the parallelogram below, what are the coordinates of the missing vertex?



- A. (8,5)
- B. (9,5)
- C. (7,5)
- D. (8,4)

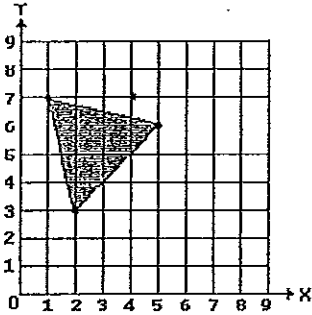
5. Which of the points below, when plotted on the graph, would connect with the other two points to form a right triangle?



- A. (0,3)
- B. (8,2)
- C. (6,7)
- D. (4,9)

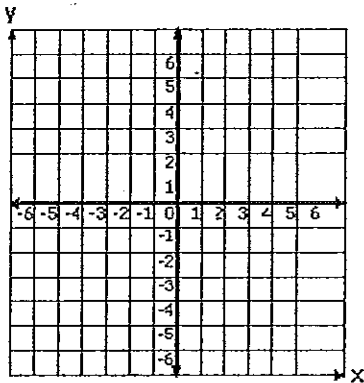
Coordinate Geometry SI

6. Which point is **inside** of the triangle?



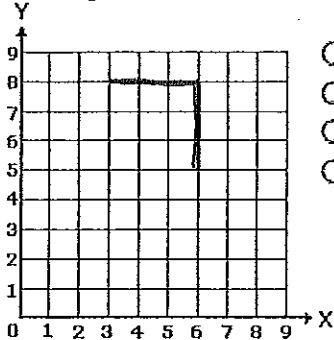
- A. (1,6)
- B. (4,4)
- C. (3,6)
- D. (6,6)

8. Pretend you are asked to draw a rectangle on the coordinate plane shown *below*. Three of its vertices are (1, -5), (1, -2), and (7, -5). Which of the following is the coordinate of the fourth vertex?



- A. (7, -2)
- B. (-5, -8)
- C. (7, -8)
- D. (-5, -2)

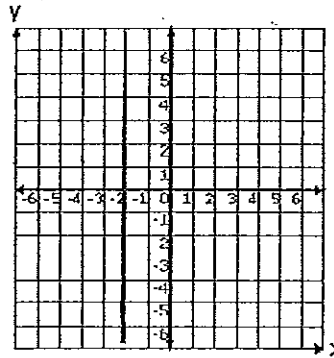
10. If you were to complete the square *below*, what are the coordinates of the missing vertex?



- A. (4,5)
- B. (2,5)
- C. (3,5)
- D. (3,6)

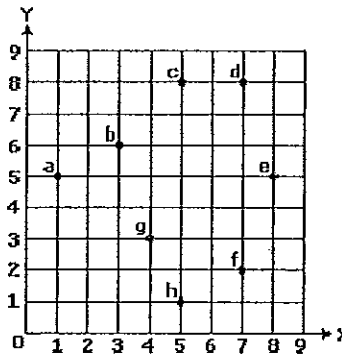
Name _____

7. Pretend you are to draw a quadrilateral on the coordinate plane *below*. Its vertices are (2, 6), (-5, 0), (-2, 6), and (5, 0). What type of quadrilateral is it?



- A. parallelogram
- B. rhombus
- C. rectangle
- D. trapezoid

9. What are the coordinates for point a?



- A. (5,1)
- B. (1,5)
- C. (1,6)
- D. (2,5)